



- Expert Verified, Online, **Free**.



## **CERTIFICATION TEST**

- [CertificationTest.net](https://CertificationTest.net) - Cheap & Quality Resources With Best Support

## HOTSPOT -

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

## Cleaning equipment -

floor cleaner

pressure washers

scrubbers

vacuums

## Liquid cleaning solutions -

## No scent -

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to resolve the production manager issue.

How should you configure manufacturing execution? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.


## Answer Area

Automatic BOM consumption stage	Field
Start	<div><div></div><div>Flushing principle Never Status</div></div>
Operation	<div><div></div><div>Always Flushing principle Status + quantity</div></div>
Report as Finished	<div><div></div><div>Status + quantity Always Never</div></div>

	Answer Area								
	<table><thead><tr><th>Automatic BOM consumption stage</th><th>Field</th></tr></thead><tbody><tr><td>Start</td><td><div><div></div><div>Flushing principle Never Status</div></div></td></tr><tr><td>Operation</td><td><div><div></div><div>Always Flushing principle Status + quantity</div></div></td></tr><tr><td>Report as Finished</td><td><div><div></div><div>Status + quantity Always Never</div></div></td></tr></tbody></table>	Automatic BOM consumption stage	Field	Start	<div><div></div><div>Flushing principle Never Status</div></div>	Operation	<div><div></div><div>Always Flushing principle Status + quantity</div></div>	Report as Finished	<div><div></div><div>Status + quantity Always Never</div></div>
Automatic BOM consumption stage	Field								
Start	<div><div></div><div>Flushing principle Never Status</div></div>								
Operation	<div><div></div><div>Always Flushing principle Status + quantity</div></div>								
Report as Finished	<div><div></div><div>Status + quantity Always Never</div></div>								
Suggested Answer:									

 **kkvkv** Highly Voted 11 months ago

Manaou: question was about BOM consumption, not Route consumption.  
upvoted 5 times

 **globeearth** Most Recent 1 month, 1 week ago

Given answers are correct. Example 3: Flushing principle in this page talks about it - <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/production-parameters-manufacturing-execution>

Start----- Automatic BOM consumption --- Flushing principle

Operations----- Automatic BOM consumption --- Flushing principle

Report as finished-- Automatic BOM consumption --- Never

upvoted 1 times

🗨️ 👤 **Yugene** 3 months, 4 weeks ago

The answer is correct.

If Flushing Principle is selected at the "Start" stage, then the same must be selected in the "Operation" or "Report as Finished" stage. As per the available options, you have to choose Flushing principles in both the "Start" and "Operation" stage. Then choose "Never" in the report as finished stage to ensure that consumption does not occur at this stage guaranteeing that inventory will not be deducted 2x.

upvoted 1 times

🗨️ 👤 **21f1f24** 7 months, 2 weeks ago

New comment creation

upvoted 1 times

🗨️ 👤 **juan1603** 8 months, 3 weeks ago

Answer is correct: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/production-parameters-manufacturing-execution>

upvoted 4 times

## HOTSPOT -

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

## Cleaning equipment -

floor cleaner

pressure washers

scrubbers

vacuums

## Liquid cleaning solutions -

## No scent -

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to resolve the shop supervisor's issue.

Which options should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### Step

### Action

Step 1

	▼
Cancel the planning job. Set the job status to in progress. Set the job status to not planned. Issue a new Kanban card.	

Step 2

	▼
Modify the time fence. Rerun the master plan. Enable auto-firming.	

### Answer Area

#### Step

#### Action

Step 1

	▼
Cancel the planning job. Set the job status to in progress. <b>Set the job status to not planned.</b> Issue a new Kanban card.	

Step 2

	▼
Modify the time fence. <b>Rerun the master plan.</b> Enable auto-firming.	

Suggested Answer:

 **globeearth** 1 month, 1 week ago

1: The shop supervisor mistakenly set the process to "Registered as prepared," which indicates the job is further along than it should be. To correct this and allow rescheduling, we need to reset the job status to a state that permits planning for a future date.

C. Set the job status to not planned. This action resets the job status, correcting the mistaken prepared status and enabling the system to reschedule the process for a future date

2: After resetting the job status, the next step is to ensure the job is properly rescheduled within the production plan to align with capacity, material availability, and the future date.

B. Rerun the master plan. This ensures the production job for assembling batteries is rescheduled correctly, considering all constraints like resource capacity and material availability, for a future date.

upvoted 1 times

 **GiSi1965** 10 months, 1 week ago

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/remove-kanban-job-schedule>

upvoted 3 times



**Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

**Cleaning equipment -**

floor cleaner

pressure washers

scrubbers

vacuums

**Liquid cleaning solutions -****No scent -**

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to configure production operations for the pine and orange scent solutions.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Configure the inventory policy for the item model group to set the value of the Stocked product option to Yes.

B. Use a purchase agreement as a service agreement.

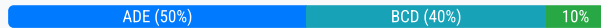
C. Allocate subcontracted work in its own cost breakdown block.

D. Configure a costing resource and requirement to point to a Vendor type resource.

E. Configure the BOM line to be of type Vendor and associate the corresponding vendor account.

**Suggested Answer: ADE**

Community vote distribution



**globeearth** 2 weeks ago

**Selected Answer: CDE**

C. Allocate subcontracted work in its own cost breakdown block.-: subcontracted work (such as the production of Pine and Orange scent solutions by VendorA) should be allocated in a separate cost breakdown block to accurately track and manage costs associated with subcontracting.

D. Configure a costing resource and requirement to point to a Vendor type resource.: To automate the creation of a purchase order for subcontracted work, a costing resource of type "Vendor" must be configured in the production setup.

E. Configure the BOM line to be of type Vendor and associate the corresponding vendor account.: In the Bill of Materials (BOM) for the Pine and Orange scent solutions, the BOM line must be set to type "Vendor" and linked to VendorA's account.

upvoted 1 times

**Yugene** 1 month, 2 weeks ago

**Selected Answer: BCD**

in Lean/Kanban, "The purchase orders for the service products and the receipt postings of those services can be automated, based on the status of kanban jobs in the production flow." So it is Lean. I will go with BCD.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/manage-subcontract-work-production>. plus what @KB024 said.

upvoted 1 times

**KB024** 10 months, 1 week ago

**Selected Answer: BCD**

BCD

The case study alludes to LEAN: "Kanbans, reduce...excess inventory, schedule...based on capacity and availability of materials...". Mamaou's link is good, just find the part for LEAN instead of regular subcontracting.

upvoted 3 times

**RBløe** 11 months, 1 week ago

Key is the requirement: ensure that a purchase order is automatically created based on estimation of a production order -> not LEAN so ADE is correct.

upvoted 3 times

**Yugene** 1 month, 2 weeks ago

in Lean/Kanban, "The purchase orders for the service products and the receipt postings of those services can be automated, based on the status of kanban jobs in the production flow." So it is Lean. I will go with BCD.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/manage-subcontract-work-production>

upvoted 1 times

**juan1603** 1 year, 2 months ago

**Selected Answer: ADE**

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/manage-subcontract-work-production#:~:text=Additionally%2C%20it%20must,corresponding%20vendor%20account>.

upvoted 2 times

**kkvkkv** 1 year, 3 months ago

This should be C, D, E, because this is LEAN production flow (explanation below found on Mamaou's link):

Subcontracting of production flow activities in a lean production flow

The service is a non-stocked service product, and it isn't part of the BOM.

This method uses purchase agreements as service agreements.

This method uses backflush costing.

This method allows for aggregated and asynchronous procurement. (Material flow is independent of the procurement process.)

Cost control allocates subcontracted work in its own cost breakdown block.

upvoted 1 times

**Mamaou** 1 year, 4 months ago

**Selected Answer: ADE**

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/manage-subcontract-work-production>

Subcontracting of route operations:

Additionally, it must have an item model group that has the Stocked product option under Inventory policy set to Yes.

The BOM line must be of the Vendor type,

This route operation must have a costing resource and resource requirement that point to a resource of the Vendor type  
upvoted 3 times

**Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

**Cleaning equipment -**

floor cleaner

pressure washers

scrubbers

vacuums

**Liquid cleaning solutions -****No scent -**

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to configure lot number control for inventory.

Which option should you use?

- A. Physical inventory
- B. Blank receipt allowed
- C. Blank issue allowed
- D. Primary stocking

**Suggested Answer: B**

*Community vote distribution*



B (100%)

  **globeearth** 2 weeks ago

**Selected Answer: B**

B. Blank receipt allowed: This option would allow items to be received into inventory without a lot number. This aligns with the requirement that lot numbers are not required when entering inventory information.

upvoted 1 times

  **juan1603** 8 months, 3 weeks ago

**Selected Answer: B**

Correct

upvoted 2 times

**Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

**Cleaning equipment -**

floor cleaner

pressure washers

scrubbers

vacuums

**Liquid cleaning solutions -****No scent -**

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.



Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to configure the system to meet the order requirements for unscented cleaning solution.

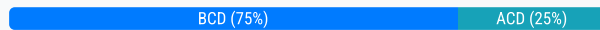
Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure the ingredient as a restricted and regulated product.
- B. On the inventory management parameters, set the value for the Print Product Safety Data Sheet and Prevent Sales Pack Slip/Invoice Posting to TRUE.
- C. Add the ingredients for unscented cleaning solution to a regulated products inclusion list.
- D. Ensure that the PSDS file is active and within the expiration date requirements.
- E. In Document Handling, associate the PSDS file with the PSDS record and set restriction field set to Internal.

**Suggested Answer:** BCD

Community vote distribution



  **globeearth** 2 weeks ago



**Selected Answer:** ACD

Configure the ingredient as a restricted and regulated product (A): This sets the foundation for the system to recognize the special handling required for the ingredient.

Add the ingredients for unscented cleaning solution to a regulated products inclusion list (C): This explicitly tells the system which ingredients, when part of a product, trigger the PSDS printing.

Ensure that the PSDS file is active and within the expiration date requirements (D): Without an active and valid PSDS file, even if the system is configured to print it, there would be nothing to print.

upvoted 1 times

  **Deetss** 8 months, 3 weeks ago

**Selected Answer:** BCD

Agree, BCD is correct. This is listed only as a regulated product, seems we don't need it as a restricted one, eliminating A. Additionally, E, setting doc handling to "internal" would fail the inclusion of the PSDS with the packing slip to customer requirement.

upvoted 1 times

  **CCexamn** 1 year ago

**Selected Answer:** BCD

Best choices

upvoted 2 times

**Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

**Cleaning equipment -**

floor cleaner

pressure washers

scrubbers

vacuums

**Liquid cleaning solutions -****No scent -**

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to configure production control parameters for liquid cleaning solution manufacturing.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Select the Block editing option only.
- B. Select the Block removal of approval option for the formula.
- C. Select Block editing and approve the formula.
- D. Require an electronic signature when the formula is approved.

**Suggested Answer: BC**

🗳️ 👤 **Yugene** 1 month, 2 weeks ago

Selected Answer: BC

Approve the formula (C): This is the initial step that makes it uneditable.

Block removal of approval (B): This is crucial. It ensures the approved, uneditable state cannot be reversed.

Block editing only (A): This is a standalone feature, but it cannot achieve the result when used alone.

Electronic signatures (D): These add extra security to the approval process, but don't directly prevent editing.

upvoted 1 times

🗳️ 👤 **griffin1212** 9 months ago

Selected Answer: BC

Same explanation as 4cc52dd

upvoted 1 times

🗳️ 👤 **4cc52dd** 10 months, 1 week ago

Selected Answer: BC

"Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated."

The only way with the options given to achieve all objectives is B and C.

If you Block editing and approve, the formula cant be deleted or edited unless approval is removed, so you would then Block removal of approval. You can still deactivate.

If you only block removal of approval and don't block editing, You can still make new formulas and formula versions.

I feel like the most important objectives here are met with B and C. D is an extra layer that is useful but not required given the parameters of the question.

upvoted 4 times

🗳️ 👤 **MrLulex** 11 months, 3 weeks ago

I would sad A and D. Electronic signature for Formula changes must be reviewed and approved, and Block editing for apporved formulas cannot be deleted or edited.

upvoted 2 times

🗳️ 👤 **MrLulex** 11 months, 3 weeks ago

C and D, not A and D, misstyped

upvoted 1 times

🗳️ 👤 **CCexamn** 1 year ago

Selected Answer: BD

1. Formula changes must be reviewed and approved. This requirement is solved by electronic signature

2. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated. This requirement is solved by Select the Block removal of approval option for the formula.

upvoted 2 times

🗳️ 👤 **juan1603** 1 year, 2 months ago

Selected Answer: BD

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/formulas-versions#:~:text=If%20you%20select%20Block,to%20its%20original%20state.>

upvoted 3 times

🗳️ 👤 **GiSi1965** 1 year, 3 months ago

Selected Answer: AB

A and B

upvoted 1 times

🗳️ 👤 **GiSi1965** 1 year, 3 months ago

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/formulas-versions>

To help secure a formula or formula version, you can set the Block editing and Block removal of approval parameters on the Production control parameters page.

If you select Block editing, and the formula is approved, no fields on the formula lines can be deleted or edited. However, if you remove the approval of the formula, you can delete and modify the formula lines. You can also create new formulas and new formula versions.

If you select Block removal of approval, you can't remove the approval of an approved formula or formula version. However, you can create new formulas and new formula versions, and you can remove the activation of the formula version.

upvoted 3 times

## DRAG DROP -

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

## Cleaning equipment -

floor cleaner

pressure washers

scrubbers

vacuums

## Liquid cleaning solutions -

## No scent -

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to implement the scheduled Kanban requirements.

Which rules should you use? To answer, drag the appropriate rules to the correct requirements. Each rule may be used once, more than once, or



not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Rules	Requirement	Rule
Enforce time-fencing.	Prevent overloading a work cell for scheduled Kanbans.	
Maximum planned jobs.	Visualize excess inventory in supermarket.	
Add a production flow version.		
Add a BOM version.		
Alert boundary maximum.		
Add a Kanban calculation policy.		

Answer Area	Requirement	Rule
<b>Suggested Answer:</b>	Prevent overloading a work cell for scheduled Kanbans.	Add a Kanban calculation policy.
	Visualize excess inventory in supermarket.	Alert boundary maximum.

CCexamn Highly Voted 1 year ago

Rights answers are:

1. Maximum planned jobs
2. Alert boundary maximum

Ad. 1.

Maximum planned jobs - When you use automatic planning of unplanned kanban jobs, enter the maximum number of kanban jobs that are planned for a specific kanban rule. Use this limit to avoid overloading a work cell for scheduled and event kanbans. This situation could occur due to false demand or exceptionally large customer orders.

Ad. 2.

Alert boundary maximum - Enter the number of kanbans to define the maximum kanban quantity for each work cell or supermarket. This boundary helps you visualize excess inventory in a supermarket. It also gives a visual signal when more scheduled or event kanbans than expected are created for a kanban rule.

<https://learn.microsoft.com/en-us/training/modules/create-process-scheduled-kanbans-dyn365-supply-chain-mgmt/2-rules>

upvoted 6 times

GiSi1965 Most Recent 1 year, 2 months ago

nd alert boundary maximum - <https://learn.microsoft.com/en-us/training/modules/create-process-scheduled-kanbans-dyn365-supply-chain-mgmt/2-rules>

upvoted 1 times

GiSi1965 1 year, 2 months ago

Maximum planned jobs and alert boundary maximum

upvoted 3 times

Mamaou 1 year, 3 months ago

<https://learn.microsoft.com/en-us/training/modules/create-process-fixed-kanbans-dyn365-supply-chain-mgmt/3-rule>

Alert boundary maximum - Enter a number of kanbans to define the maximum kanban quantity for each work cell or supermarket. This boundary helps to visualize excess inventory in a supermarket. It also gives a visual signal when more scheduled or event kanbans than expected are created for a kanban rule.

upvoted 4 times

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

## Cleaning equipment -

floor cleaner

pressure washers

scrubbers

vacuums

## Liquid cleaning solutions -

## No scent -

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to plan scheduling for Customer1's order of unscented solution.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Schedule production based on the availability of raw material.
- B. Split and plan operations in detail for each of the resources.
- C. Schedule productions based on the capacity of the resources.
- D. Run master planning with a specific time fence.
- E. Plan scheduling of the production at the resource group level.

**Suggested Answer:** AC

Community vote distribution

AC (100%)

☐ 👤 **CCexamn** 1 year ago

**Selected Answer: AC**

Answer

- A. Is correct since it fulfills requirement for available materials
- B. Is wrong - split operations is not possible.
- C. Is correct since it is on resource level and capacity must be available
- D. Is wrong since time fence has nothing to do with the ways production orders are planned.
- E. Is wrong since it is not on job level

Requirements:

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

upvoted 4 times

☐ 👤 **JimsPul** 1 year, 4 months ago

A and C for me

upvoted 4 times

☐ 👤 **LOR\_19** 1 year, 5 months ago

job level is related to resource - B, C

upvoted 1 times

☐ 👤 **CCexamn** 1 year, 6 months ago

Production is Make to order and is scheduled at the job level - so E does not make sense. Or am I overseeing something...

upvoted 1 times

## HOTSPOT -

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment. Products manufactured

## Cleaning equipment -

floor cleaner

pressure washers

scrubbers

vacuums

## Liquid cleaning solutions -

## No scent -

Orange scent (subcontracted to a vendor named VendorA)

Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Current environment. Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

Current environment. Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.

Requirements. Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

Production is Make to Stock and must be scheduled at an operational level.

Machine equipment is produced on an assembly line. Scheduling must be based on production orders.

Finished products must be packaged and shipped directly from the warehouse.

To reduce delivery times and excess inventory, equipment must be produced as needed.

The ability to schedule production must be based on resource capacity and the availability of required materials.

Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

Requirements. Liquid cleaning solution manufacturing

Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.

Finished products must be packaged and shipped directly from the warehouse.

You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.

Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

An ingredient used to manufacture unscented cleaning solution is defined as a restricted product. You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

Production must be scheduled to start by date and time according to the order that is specified by the production route.

You must implement a scheduled Kanban rule that meets the following requirements:

Prevent overloading a work cell for scheduled Kanbans.

Visualize excess inventory in a supermarket.

Store products in supermarkets before they are consumed or shipped.

You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

Requirements. Costing -

The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

The production manager needs to set up picking list journals and BOM item consumption.

Requirements. Reporting -

Production control parameters must be setup for reporting of automatic BOM and Route consumption.

You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

You must configure automatic route consumption in connection with the automatic running of Report as finished.

Requirements. Inventory control -

You must not be required to track the lot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

Issues -

Users report the following issues:

The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customers delivery deadline.

User2 reports that costs for manufactured items are twice as high as expected.

User1 reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

You need to calculate estimated consumption of ingredients for liquid cleaning solution.

What is the consumption? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### Consumption factor

### Consumption in liters

Estimated consumption

	▼
40 liters	
50 liters	
80 liters	
100 liters	

Round up to a multiple

	▼
20 liters	
50 liters	
50 liters	
100 liters	

Excess consumption

	▼
10 liters	
20 liters	
40 liters	
50 liters	

## Answer Area

### Consumption factor

### Consumption in liters

Estimated consumption

	▼
40 liters	
50 liters	
80 liters	
100 liters	


Suggested Answer:

Round up to a multiple

	▼
20 liters	
50 liters	
50 liters	
100 liters	

Excess consumption

	▼
10 liters	
20 liters	
40 liters	
50 liters	

 **4cc52dd** 9 months, 3 weeks ago

I don't understand where 80 liters of anything is coming into play. 2 barrels of Ingredient C are used to produce 1 barrel of finished product.

Estimated consumption should be 100 since Ingredient C is in 50 liter barrels and 2 are required.

Round up to a multiple should be 50 liters since Ingredient C is stored and inventoried in 50 liter barrels

None of the answers for excess consumption make sense to me as  $100 - 40 = 60$ . Unless I'm missing something.

upvoted 2 times

🗨️ 👤 **Max2969** 4 months, 2 weeks ago

Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution. The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments.

upvoted 1 times

🗨️ 👤 **Tonheidie** 1 year, 5 months ago

2nd one is Incorrect; The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

So I would say the answer is:

- Estimated = 80 liters (2x 40)
- Round up to a multiple 100 (2x 50)
- Excess consumption  $100 - 80 = 20$  Liters.

upvoted 4 times

🗨️ 👤 **Mamaou** 1 year, 5 months ago

The text says "allocated in 50-liter increments" so the multiple is 50.

upvoted 8 times



**HOTSPOT -****Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

**Customization options -**

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

**Current environment -****Customization restrictions -**

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

**Manufacturing facilities -**

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

**Motorcycle manufacturing -**

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

**Plastic manufacturing -**

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

**Metal parts -**

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to modify the production order defaults for the manufacturing execution production order Start process.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

Standard view ▾

### Production order defaults

General

Start

Operations

Report as finished

Quantity validation

**Start**

**JOURNALS**  
Update start on-line  
Status + quantity ▾  
Use Manufacturing Execution param...  
☒ Yes  
Open picking list journals  
▾

**START**  
Start production  
☒ Yes  
References  
☐ No  
**ROUTE CARD JOURNAL**  
Route card  
Route ▾  
Automatic route consumption  
Never ▾

Post route card now  
☐ No  
End-mark route  
☐ No  
**PICKING LIST JOURNAL**  
Picking list  
Pick ▾

Automatic BOM consumption  
▾  
Post picking list now  
☐ No  
End-mark picking list  
☐ No  
Physical reduction  
☐ No  
Pick negative  
☐ No  
Complete picking list journal  
☐ No  
Create journal per  
▾

## Answer Area

Standard view ▾

### Production order defaults

General

Start

Operations

Report as finished

Quantity validation

**Start**

**JOURNALS**  
Update start on-line  
Status + quantity ▾  
Use Manufacturing Execution param...  
☒ Yes  
Open picking list journals  
▾

**START**  
Start production  
☒ Yes  
References  
☐ No  
**ROUTE CARD JOURNAL**  
Route card  
Route ▾  
Automatic route consumption  
Never ▾

Post route card now  
☐ No  
End-mark route  
☐ No  
**PICKING LIST JOURNAL**  
Picking list  
Pick ▾

Automatic BOM consumption  
▾  
Post picking list now  
☐ No  
End-mark picking list  
☐ No  
Physical reduction  
☐ No  
Pick negative  
☐ No  
Complete picking list journal  
☐ No  
Create journal per  
▾

Suggested Answer:

 **globeearth** 1 month, 1 week ago

== 1: Open Picking List Journal Field?: Yes - The company requires ensuring accuracy for production order pick list posting and correct pick list creation. Parts are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order. == 2: Automatic BOM Consumption Field?: Flushing principle - The company specifies to "post actual material consumption after production is finished" for motorcycle manufacturing, but for plastic manufacturing, "post actual material consumption at the start of production." == 3: End-Mark Picking Field?: No - The company needs to ensure accuracy for production order pick list posting and correct pick list creation. Parts are picked and staged by warehouse operators, implying a controlled process where picking may not be complete at the start. == 4: Complete Picking List Journal Field? : No - The company emphasizes accuracy for production order pick list posting and correct pick list creation. Transactions are currently completed by office staff, and parts are picked and staged by warehouse operators, suggesting a manual review or posting process.

upvoted 1 times

 **Mamaou** 11 months, 2 weeks ago

See samed question at MB-320 : <https://www.examttopics.com/discussions/microsoft/view/45188-exam-mb-320-topic-4-question-3-discussion/>  
upvoted 2 times

 **Tonheidie** 11 months, 3 weeks ago

Since I can't see what needs to be marked... I would suggest:

1. Open picking list journal - Yes
2. Automatic BOM consumption field - Always
3. End-mark picking - No (not marked in answer)
4. Complete picking list journal - Yes

Explanation:

In the Automatic BOM consumption field, select how raw materials are deducted from stock.

Select the End-mark picking list check box to create a picking list that contains end marking lines for the production order. If this check box is selected, no additional item consumption will be posted on the production order.

Select the Complete picking list journal check box if you want to update the status of all BOM items to Finished picking. This includes items that consumption has not been calculated for.

upvoted 2 times

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

## Customization options -

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

## Current environment -

## Customization restrictions -

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

## Manufacturing facilities -

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

## Motorcycle manufacturing -

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

## Plastic manufacturing -

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

## Metal parts -

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to configure the system for plastic operations.

Which two parts should be manually reported as finished? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. unmachined plastic pieces

B. excess plastic

C. mold tooling

D. machined plastic pieces

**Suggested Answer:** AD

*Community vote distribution*

BD (50%)

AD (50%)

🗳️ 👤 **globeearth** 1 month, 1 week ago

**Selected Answer:** AD

=> Unmachined plastic pieces (A): These should be manually reported as finished to track the output of the molding step, especially since multiple part numbers are produced in the same run. This allows the system to account for these intermediate items before they are machined, supporting inventory tracking and production reporting. => Machined plastic pieces (D): These must be reported as finished because they are the final, usable components from the plastic manufacturing process, ready for the assembly group to use in building motorcycles. This step completes the production order for plastic parts.

Why not B and C? Excess plastic (B): This is a byproduct, not a finished product. It's tracked and allocated for cost and recycling purposes, but not reported as a finished item in the production order. Mold tooling (C): This is equipment, not a product, and thus not reported as finished.

upvoted 1 times

🗳️ 👤 **Max2969** 4 months, 2 weeks ago

**Selected Answer:** AD

I think A+D is correct. We have two distinct phases of the process: mold and drilling. You need to know how many pieces have been molded and how many have been completed with holes. The excess plastic is not very important since it is recycled.

upvoted 1 times

🗳️ 👤 **CCexamn** 1 year ago

**Selected Answer:** BD

B+C based on following sentence: Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

upvoted 1 times

🗳️ 👤 **juan1603** 1 year, 2 months ago

**Selected Answer:** BD

It says The parts are machined in the same production process to remove excess plastic and add additional holes for assembly.

upvoted 1 times

## HOTSPOT -

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

## Customization options -

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

## Current environment -

## Customization restrictions -

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

## Manufacturing facilities -

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

## Motorcycle manufacturing -

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

## Plastic manufacturing -

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

## Metal parts -



Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to configure scheduling for each production area.

Which scheduling options should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Answer Area

Production area	Scheduling option
-----------------	-------------------

Plastic	<div><div></div><div>▼</div><div>Job Operation Bottleneck Capacity</div></div>
Assembly	<div><div></div><div>▼</div><div>Job Operation Bottleneck Capacity</div></div>
Subcontracting	<div><div></div><div>▼</div><div>Job Operation Bottleneck Capacity</div></div>

### Answer Area

Production area	Scheduling option
-----------------	-------------------

Suggested Answer:

Plastic	<div><div></div><div>▼</div><div>Job <b>Operation</b> Bottleneck Capacity</div></div>
Assembly	<div><div></div><div>▼</div><div><b>Job</b> Operation Bottleneck Capacity</div></div>
Subcontracting	<div><div></div><div>▼</div><div><b>Job</b> Operation Bottleneck Capacity</div></div>

 **globeearth** 1 month, 1 week ago

==> 1: Plastic -> B. Operation. Why it is not A? Job scheduling based on individual task but here it is based on labor and machines.

==> 2: Assembly - > D. Capacity. Why it is not A? Job scheduling assigns specific labor resources to individual tasks, which could work for tracking labor with start/stop times. here the condition is Produce motorcycles within a scheduled day in any order.

==> 3: Subcontracting -> D. Capacity. - Capacity scheduling is appropriate for the Subcontracting area because it focuses on the vendor's capacity for painting, aligns with scheduling shipments and receipts, and supports tracking vendor inventory levels.

upvoted 1 times

 **Igv0000** 2 months, 2 weeks ago

Plastic=Job due to requirement to use Gantt chart which is not available with Operations scheduling "Plastic manufacturing -The company has the following requirements for motorcycle manufacturing: Schedule both labor and machines. Adjust schedules by using a Gantt chart."

Assembly=Operations

Sub-con=Job due to the following two statements" Metal parts -

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements. Raw materials transfer must support capacity constraints for paint and primer." I'm inclined to think that capacity constraints at the vendor resource would apply.

upvoted 1 times

 **CCexamn** 1 year ago

plastic - job

Assembly - operation

Subcontracting - Operation

Even though subcontracting planning requirements does not seem clear to me.

upvoted 1 times

  **MEK93** 1 year, 1 month ago

Why should the assembly be job scheduled? In my opinion it is enough on operation level. So my answer would be:

plastic - job

Assembly - operation

Subcontracting - Operation

upvoted 1 times

  **e14870b** 1 year ago



I think that Assembly needs to be Job scheduled to be used with actual time reporting through manufacturing execution

upvoted 1 times

  **CCexamn** 1 year ago

Manufacturing works with both operation and job scheduling. I have configured both options several times.

upvoted 1 times

  **LOR\_19** 1 year, 5 months ago

plastic - job

Assembly - job

Subcontracting - Operation

upvoted 3 times

  **CCexamn** 1 year, 6 months ago

You cannot use Gantt chart with operation scheduling so plastic area must be Job scheduled.

upvoted 3 times

  **Tonheidie** 1 year, 5 months ago

agreed; <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/visual-scheduling-production>

upvoted 1 times

**Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

**Customization options -**

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

**Current environment -****Customization restrictions -**

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

**Manufacturing facilities -**

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

**Motorcycle manufacturing -**

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

**Plastic manufacturing -**

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

**Metal parts -**

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to set up the state control for sales of motorcycles.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create an exclusive restricted product list for Missouri and add the motorcycle part to the list.
- B. Create an exclusive restricted product list for California and add the motorcycle part to the list.
- C. Create an inclusive restricted product list for United States and add the motorcycle part to the list.

D. Create an inclusive restricted product list for United States. Do not add the motorcycle part to the list.

**Suggested Answer:** *BD*

*Community vote distribution*

BD (85%)

BC (15%)

🗳️ 👤 **Tonheidie** Highly Voted 👍 1 year, 5 months ago

**Selected Answer:** BD

This is a tricky one; I say: incorrect;

Only one kind (exclusive or inclusive) of restriction list can exist for a given product & region combination. (State is not part of this selection) therefore the system will not allow that you add motorcycle parts on both levels.

<https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/create-a-restricted-products-regional-list-for-a-country-or-region>

upvoted 9 times

🗳️ 👤 **globeearth** Most Recent 🕒 1 month, 1 week ago

**Selected Answer:** BC

B. Create an exclusive restricted product list for California and add the motorcycle part to the list. This action ensures the motorcycle part is explicitly restricted from being sold in California, aligning with the emissions regulations. An exclusive list at the state level prevents sales in that specific region.

C. Create an inclusive restricted product list for United States and add the motorcycle part to the list. This action allows the motorcycle part to be sold across the United States generally. The inclusive list at the country level permits sales, but the exclusive list for California (from option B) takes precedence to block sales in that state. This combination ensures the product is available everywhere in the U.S. except California.

upvoted 1 times

🗳️ 👤 **b8c2f82** 4 months, 1 week ago

**Selected Answer:** BC

Can be sold in USA but not in California.

upvoted 1 times

🗳️ 👤 **IlseKH** 7 months, 2 weeks ago

**Selected Answer:** BD

just tried it, it is correct!

first you have to create an inclusive list for the country region, befor you can create an exclusive list for a State.

if you start with an exclusive one for a state you get an error message.

"Please create an inclusive country/region list for United States before creating a state list."

upvoted 2 times

## HOTSPOT -

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

## Customization options -

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

## Current environment -

## Customization restrictions -

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

## Manufacturing facilities -

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

## Motorcycle manufacturing -

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

## Plastic manufacturing -

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

## Metal parts -

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to configure system attributes.



Which attribute types should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.


### Answer Area

Attribute	Attribute Type
Trim	<div><div></div><div>Text Integer Boolean Reference</div></div>
Storage Package	<div><div></div><div>Decimal Integer Boolean Reference</div></div>
Engine	<div><div></div><div>Text Decimal Boolean Reference</div></div>

### Answer Area

Suggested Answer:

Attribute	Attribute Type
Trim	<div><div></div><div>Text Integer Boolean <b>Reference</b></div></div>
Storage Package	<div><div></div><div>Decimal Integer <b>Boolean</b> Reference</div></div>
Engine	<div><div></div><div>Text Decimal <b>Boolean</b> Reference</div></div>

 **Mamaou**  1 year, 5 months ago



<https://learn.microsoft.com/en-us/dynamics365/commerce/attribute-attributegroups-lifecycle>

Trim : Text : This type supports a text value. It also supports a predefined set of possible values when the Fixed list setting is enabled.

Storage package : Reference : This type references other attributes. Because the it's a part of the Upgrade packages choice.

Engine : Boolean : This type supports a binary value (true or false). In the case it's 0/1

upvoted 7 times

 **globeearth**  1 month, 1 week ago

Question 1: Trim : [A. Text] Values: standard, sport, legend. Analysis: The Trim option has distinct, non-numeric categories that represent different styles or packages. A text-based attribute is best suited for handling string values like these.

Question 2: Storage Package : [D. Reference] Values: Part of "Upgrade Packages" with options: storage package, LED headlamp, custom chrome wheels. Analysis: This type references other attributes. Because the it's a part of the Upgrade packages choice

Question 3: Engine : [B. Integer] Values: Small = 0, Large = 1. Analysis: The Engine option is explicitly mapped to numeric values (0 for Small, 1 for Large). An integer attribute is ideal for representing discrete numeric values like these, especially since the values are already defined as 0 and 1.

This may be boolean but Integer is more appropriate for this condition

upvoted 1 times

 **globeearth** 2 weeks ago

small correction. for Question 3 the answer is Boolean : This type supports a binary value (true or false). In the case it's 0/1  
upvoted 1 times

🗨️ 👤 **4cc52dd** 10 months, 1 week ago

I would like to add that the attribute types used in the configurator are limited to  
Integer with or without a range  
Decimal  
Text with or without a fixed list  
Boolean.

Reference is not an option to be used in the configurator.

[https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/product-configuration-](https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/product-configuration-models#:~:text=a%20configuration%20session-,Attribute%20types,these%20attribute%20types%20can%20be%20used%20in%20expression%20constraints%20Constraints)

[models#:~:text=a%20configuration%20session-,Attribute%20types,these%20attribute%20types%20can%20be%20used%20in%20expression%20constraints%20Constraints](https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/product-configuration-models#:~:text=a%20configuration%20session-,Attribute%20types,these%20attribute%20types%20can%20be%20used%20in%20expression%20constraints%20Constraints)

upvoted 2 times

🗨️ 👤 **Elyse0814** 1 year ago

Trim should be text

Storage package should be Boolean- true or false as all the upgrade packages would be individually as options. There is no reference to a choice for different storage packages, just the one option as an add on.

Engine should be text. In the configurator the options will be true or false, yes it supports binary choice, but only in those terms. It makes no sense to have the engine options be true or false as a customer wouldn't look at those options and understand what the choice really is. It's simply not functional. I think it was intended to confuse with the binary options.

upvoted 2 times

🗨️ 👤 **LOR\_19** 1 year, 5 months ago

Trim: Text

Storage package: Boolean

Engine: Reference

upvoted 1 times

🗨️ 👤 **Tonheidie** 1 year, 8 months ago

Trim: Text

Storage Package: Reference (?) or Text?

Engine: Boolean

upvoted 1 times

🗨️ 👤 **Tonheidie** 1 year, 5 months ago

I think I made a error, and the listed answer is correct.

Graphical user interface, text, application, table, email Description automatically generated. So Reference and Boolean makes more sense in this context.

upvoted 1 times

**HOTSPOT -****Case Study -**

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

**To start the case study -**

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

**Background -**

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

**Customization options -**

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

**Current environment -****Customization restrictions -**

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

**Manufacturing facilities -**

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

**Motorcycle manufacturing -**

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

**Plastic manufacturing -**

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

**Metal parts -**

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to configure each item for plastic manufacturing.

Which production types should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Answer Area

Item	Production type
Raw plastic	<div>▼</div> <div>None By-Product Co-Product Planning Item</div>
Excess plastic	<div>▼</div> <div>Scrap By-Product Co-Product Planning Item</div>
Mold	<div>▼</div> <div>None By-Product Co-Product Planning Item</div>
Plastic parts	<div>▼</div> <div>None By-Product Co-Product Planning Item</div>

### Answer Area

Suggested Answer:

Item	Production type
Raw plastic	<div>▼</div> <div>None By-Product Co-Product Planning Item</div>
Excess plastic	<div>▼</div> <div>Scrap By-Product Co-Product Planning Item</div>
Mold	<div>▼</div> <div>None By-Product Co-Product Planning Item</div>
Plastic parts	<div>▼</div> <div>None By-Product Co-Product Planning Item</div>

 **juan1603** Highly Voted 1 year, 2 months ago

<https://cleverax.wordpress.com/2019/01/20/the-use-of-planning-item-production-type-for-grading-process-in-manufacturing/>


Raw plastic: None

Excess plastic: By-product

Mold: Planning Item

Plastic parts: Co-product because it says "Plastic parts are molded using dyes that create multiple parts at once"



upvoted 5 times

 **globeearth** Most Recent 1 month, 1 week ago

- 1: Raw plastic → A. None - raw materials like plastic feedstock are typically not assigned a production type because they are consumed as components in the bill of materials (BOM) for the production process. "None" is used for items that are purchased or stocked and consumed in production.
- 2: Excess plastic → B. By-Product - A by-product is a secondary item produced during the manufacturing process that has value and can be reused or sold. Excess plastic fits this definition because it is not the primary product (the plastic parts) but is collected, recycled
- 3: Mold → A. None - Molds are typically treated as resources, not as items with a production type. They are not produced or consumed in the process
- 4: Plastic parts → C. Co-Product - Co-products are multiple primary outputs of a production process that are intentionally produced together. Since the requirement states that multiple molded part numbers are reported during the same production run

Why Not a Planning Item?: A planning item is not a physical product that is manufactured or stocked. The "Planning Item" type is used for virtual items to simplify planning

upvoted 1 times

  **IlseKH** 8 months, 1 week ago

Raw plastic - none

Excess plastic - By-Product (can be reused)

Mold - none


Plastic parts --> Planning item (as all products are primary items in the production process)

upvoted 1 times

  **IlseKH** 7 months, 2 weeks ago

sorry Plastic parts has to be co-product, planning items cannot be reported as finished..

upvoted 2 times

  **4cc52dd** 9 months, 3 weeks ago

Should be

Raw plastic - none

Excess plastic- Co-product

Mold-none

Plastic parts- Co-product OR Planning Item

By-products are used to add a cost burden to the production process to account for scrapping the item- Not applicable in this situation. By-products can be reused, but it would make the most sense to have the excess plastic a coproduct to be returned to inventory of plastic chips for molding. Planning items are not stocked. It is essentially used as a "container" for processes that produce multiple coproducts (different plastic parts and excess plastic) It is more than likely used in this scenario as one production process ALWAYS produces multiple co-products. The ambiguity of the "plastic parts" means it could be the planning item, or each plastic part individually should be a Co-product

upvoted 1 times

  **Mamaou** 1 year, 5 months ago

<https://cleverax.wordpress.com/2019/01/20/the-use-of-planning-item-production-type-for-grading-process-in-manufacturing/>

Raw plastic : None

Excess plastic : Co-product because it's a can reuse (By-product it's only a cost and cannot be reused in any formula/BOM)

Mold : Planning Item

Plastic parts : must be BOM or formula because it's a Semi-finished good but we don't have this choice

upvoted 3 times



  **juan1603** 1 year, 2 months ago

Hi Mamaou,

In the link you provided it says:

By-Product, the product is manufactured as a part of producing another product and should be setup as a by-product in formula version. Can be used in Formulas for items with production type either Formula or Planning item.

upvoted 2 times

  **LOR\_19** 1 year, 5 months ago

it depends what Microsoft means by Mold. Could be moulded plastic part. (planning items)?

upvoted 1 times

  **Tonheidie** 1 year, 5 months ago

Raw plastic = planning item (instead of None, do you agree?)

Excess plastic = By-Product (Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.)

Mold = None, is a resource

Plastic parts: co-product

upvoted 1 times

## Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

## To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

## Background -

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

## Customization options -

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

## Current environment -

## Customization restrictions -

The following restrictions on customizations are in place:

Green color can only be sold with the Legend Trim.

Orange color can be sold with the Sport or Legend Trim.

The ML seat must be included in the Legend package.

The MS seat must be included in the Sport package.

## Manufacturing facilities -

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

## Motorcycle manufacturing -

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

## Plastic manufacturing -

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

## Metal parts -

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.



#### Facility -

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line. Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

#### Requirements -

##### Sales orders -

The company has the following requirements for sales order:

During the configuration of a sales order, invalid combinations must be prevented.

Each configuration must create a unique bill of material (BOM) and Route based on options selected.

Sales pricing for the sales order must be based upon options selected.

Due to emissions regulations, the motorcycles cannot be sold to the state of California.

##### Motorcycle manufacturing -

The company has the following requirements for motorcycle manufacturing:

Schedule labor only at the labor pool level without machines by day.

Produce motorcycles within a scheduled day in any order.

Record actual production labor with start/stop times.

Record manager approval of labor entered prior to posting.

Post actual material consumption after production is finished.

##### Plastic manufacturing -

The company has the following requirements for motorcycle manufacturing

Schedule both labor and machines.

Adjust schedules by using a Gantt chart.

Backflush standard labor by operation.

Post actual material consumption at the start of production.

Track and allocate costs to the excess plastic.

Report multiple molded part numbers during the same production run.

Determine the correct mold to use on a production order.

Generate a batch number for each production order.

##### Metal parts -

The company has the following requirements for metal parts manufacturing:

Schedule shipments to the vendor for painting.

Receive painted parts into inventory from the vendor.

Track vendor inventory levels.

##### Defaults -

You must configure defaults for manufacturing execution production orders to meet the following requirements:

Ensure accuracy for production order pick list posting.

Ensure correct pick list creation.

##### Issues -

In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.

The company is manually calculating an 8% overhead on materials and posting a journal manually.

You need to set up the correct production solution for the assembly area.

Which solution should you implement?

- A. Standard warehousing with Manufacturing execution
- B. Advanced warehousing with Manufacturing execution
- C. Advanced warehousing for all transactions
- D. Standard warehousing for all transactions

**Suggested Answer: B**

Community vote distribution

A (75%)

B (25%)

  **globeearth** 1 month, 1 week ago

**Selected Answer: A**

solution that supports manufacturing execution for labor scheduling, time tracking, approvals, and material consumption, alongside a simple warehouse setup that aligns with the facility's lack of Wi-Fi and straightforward picking process. Option A best meets these needs because: Manufacturing execution addresses all assembly area requirements . It ensures accurate pick list creation and posting through configurable defaults. It avoids the unnecessary complexity of advanced warehousing, which is misaligned with the facility's infrastructure. Options B and C are unsuitable due to the Wi-Fi limitation and excessive complexity, while Option D lacks manufacturing execution

upvoted 1 times

  **CCexamn** 1 year ago

**Selected Answer: A**

See comment below

upvoted 2 times

  **Mamaou** 1 year, 5 months ago


**Selected Answer: B**

Agree :

Manufacturing execution : Record actual production labor with start/stop times.

Advanced warehouse : The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

upvoted 1 times

  **juan1603** 1 year, 2 months ago

What about the Wi-Fi issue.

"The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line."

Don't you need wi-fi connectivity to use mobile devices for picking the parts for the product assembly?

upvoted 2 times

  **CCexamn** 1 year ago

You can get devices that runs with simcards so they can use mobile data instead of WIFI.

Pick in warehouse and stage at machine location can be setup with standard warehousing,

Location constraints for paint and primer can be setup for both standard and advanced warehouse management....

Since the warehouse is so simple, There is no WIFI, work stations to register with standard warehousing I would guess answer A is more appropriate.

upvoted 1 times

A company produces homeopathic lotions for pain relief. The lotions use a combination of ProductA and ProductB. ProductA is the primary ingredient. You use ProductB to adjust the concentration of active ingredients in the lotion. ProductC represents the remainder.

You need to ensure that the lotion final product has a consistent concentration of anti-inflammatory agents.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Set the formula line type of ProductB to Active.
- B. Set the formula line type of ProductA to Compensating
- C. Set the formula line type of ProductC to None.
- D. Set the formula line type of ProductA to Active.
- E. Set the formula line type of ProductB to Compensating.

**Suggested Answer:** DE

Community vote distribution

DE (100%)

 **globeearth** 1 month, 1 week ago


**Selected Answer:** DE

Based on this understanding, the two actions you should perform are:

D. Set the formula line type of ProductA to Active. - This ensures that ProductA, the primary ingredient, is recognized as the key contributor to the anti-inflammatory agents, and its quantity is tracked to maintain consistent potency.

E. Set the formula line type of ProductB to Compensating. - This allows ProductB to be used to adjust the concentration of active ingredients, ensuring the final lotion product has a consistent level of anti-inflammatory agents by compensating for any variations in ProductA.

upvoted 1 times

 **Mamaou** 11 months, 2 weeks ago

**Selected Answer:** DE

agree A is the principla ingredient and B the compensating

upvoted 1 times

## HOTSPOT -

A company makes engine parts used in the automotive industry.

The company is in the process of retooling an existing manufacturing plant. They plan to use Dynamics 365 Supply Chain Management to help support the Bill of Materials (BOM) product lifecycle engineering version control.

You must translate existing production processes into the proper elements. You need to create BOM lifecycle states to translate existing production processes into the proper elements.

What type of BOM product lifecycle state should you create? To answer, select the appropriate BOM state in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### Scenario

Create runs for existing orders that need to be scheduled for production.

### BOM type

	▼
engineering	
draft	
costing	
production	

Create visibility into cost and materials estimates for prototype products.

	▼
engineering	
draft	
costing	
production	

Create visibility into cost estimates for products that use a very constrained component for the next three months.

	▼
engineering	
draft	
costing	
production	

### Answer Area

#### Scenario

Create runs for existing orders that need to be scheduled for production.

#### BOM type

	▼
engineering	
draft	
costing	
production	

#### Suggested Answer:

Create visibility into cost and materials estimates for prototype products.

	▼
engineering	
draft	
costing	
production	

Create visibility into cost estimates for products that use a very constrained component for the next three months.

	▼
engineering	
draft	
costing	
production	

 **globeearth** 2 weeks ago

Q1 (Production): BOMs in the production state are used for scheduling production runs, aligning with the need to manufacture engine parts for existing orders.

Q2 (Engineering): Prototype products require BOMs in the engineering state to support design validation and preliminary cost/material estimates, common during retooling for new or modified parts. why not Draft: A draft BOM is still being edited and may not be stable enough for reliable cost estimates, as it is not finalized or approved.

Q3 (Costing): Cost estimates for products with constrained components (e.g., scarce materials) require a costing state to analyze financial impacts and plan production, especially during a retooling phase with supply chain challenges.

upvoted 1 times

  **Tonheidie** 11 months, 4 weeks ago

Correct;

In the product lifecycle, many types of BOM might be created for various reasons: See link; for key words and solutions prototype = Draft BOM / existing orders = Production BOM / cost estimates = Costing BOM

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/bill-of-material-bom>

upvoted 4 times

A company uses engineering change management in Dynamics 365 Supply Chain Management. The Product readiness checks feature is turned off.

An existing engineering product must be reconfigured for a new product readiness policy.

You need to change the product readiness policy.

Where should you make this change?


- A. default order settings
- B. shared product
- C. engineering category
- D. product configuration model
- E. released product

**Suggested Answer: C**

Community vote distribution

C (83%)

B (17%)

 **Yugene** Highly Voted 1 year, 8 months ago

Turned Off.

When the Product readiness checks feature is turned off on your system, the readiness policy is set and shown only on engineering category records. Go to Engineering change management > Setup > Engineering product category details.

Turned on.

When the Product readiness checks feature is turned on, it adds a Product readiness policy field to the Product page (where shared products are set up) and to the Released product page (where the value is read-only and is taken from the related shared product). The system finds the readiness policy for a released product by checking the related shared product

Go to Product information > Products > Products.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/engineering-change-management/product-readiness>

upvoted 7 times

 **griffin1212** Most Recent 9 months ago

**Selected Answer: C**

When the Product readiness checks feature is turned off on your system, the readiness policy is set and shown only on engineering category records. To learn which policy applies to a released product, the system checks the Product readiness policy field for the related engineering category. You can change the readiness policy for an existing product by editing the related engineering category (not the shared product).

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/engineering-change-management/product-readiness>

upvoted 2 times

 **Gamz101** 10 months ago

**Selected Answer: C**

C seems correct based on the information below:

When the Product readiness checks feature is turned off on your system, the readiness policy is set and shown only on engineering category records. To learn which policy applies to a released product, the system checks the Product readiness policy field for the related engineering category. You can change the readiness policy for an existing product by editing the related engineering category (not the shared product).

When the Product readiness checks feature is turned on, it adds a Product readiness policy field to the Product page (where shared products are set up) and to the Released product page (where the value is read-only and is taken from the related shared product). The system finds the readiness policy for a released product by checking the related shared product.

upvoted 3 times

 **superpj70** 1 year ago

**Selected Answer: B**



I would say 'sharing products' is the correct answer. When the feature is turned on, in the Products - Product menu you have the 'Engineering change management' tab. This is a menu, though, not an Engineering Category.

upvoted 1 times

  **Deetss** 1 year ago

Except the question specifically states "The Product readiness checks feature is turned OFF." B would then be incorrect.

upvoted 1 times

  **Yugene** 1 year, 8 months ago

Engineering change management > Setup > Product readiness policies

Though just saying "Engineering category" seems vague

upvoted 2 times

You are building the Bill of materials (BOM) for a new production item. The new item has a subcomponent. Subproduction orders for the subcomponent must be created when estimating production orders. You need to configure the BOM line to generate subproduction orders. Which BOM line type should you use?

- A. Vendor
- B. Item
- C. Phantom
- D. Pegged supply

**Suggested Answer:** *D*

 **Yugene** Highly Voted 8 months, 1 week ago

D is correct.

1. <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/bill-of-material-bom>

2. <https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-line-types>  
upvoted 5 times



## HOTSPOT -

You are developing a new car audio system kit.

The kit configuration has restrictions based on car model, speaker size, and other expression constraints.

You need to set up a new item for the car audio system.

How should you create the new product? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### New released product field

### Selection

Product subtype

▼

item  
service  
product  
product master

Product dimension group (active dimensions)

▼

configuration  
style  
style and configuration  
size and style

Configuration technology

▼

predefined variant  
dimension-based configuration  
constraint-based configuration

## Answer Area

### New released product field

### Selection

Product subtype

▼

item  
service  
product  
**product master**

Suggested Answer: Product dimension group (active dimensions)

▼

configuration  
style  
style and configuration  
**size and style**

Configuration technology

▼

predefined variant  
dimension-based configuration  
**constraint-based configuration**

Product Master

Configuration

Constraint based configuration

The 2nd answer must be configuration

upvoted 12 times

  **Tonheidie** 1 year, 5 months ago

I agree;

The Constraint-based configuration technology can only be defined when the configuration dimension is the only active dimension on the product dimension group.

upvoted 2 times

  **globeearth** Most Recent 1 month, 1 week ago

1: Product subtype - D. product master - Since the car audio system kit has restrictions and likely multiple variants (e.g., different configurations for car models or speaker sizes), a "product master" allows you to manage these variations effectively. -

2: Product dimension group (active dimensions) - A. configuration - The key here is the need for restrictions based on car model and speaker size, which are best managed through the "configuration" dimension. This allows you to use configuration technology to define variants and apply constraints, aligning with the scenario's requirements.

3: Configuration technology - C. constraint-based configuration - Given the scenario's mention of "restrictions based on car model, speaker size, and other expression constraints," constraint-based configuration is the best fit.

upvoted 1 times

  **4cc52dd** 10 months, 1 week ago

Product Master

Configuration

Constraint based configuration

[https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/set-up-maintain-product-configuration-](https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/set-up-maintain-product-configuration-model#:~:text=the%20configuration%20dimension%20must%20be%20selected%20only%20for%20the%20product%20dimension%20group.)

[model#:~:text=the%20configuration%20dimension%20must%20be%20selected%20only%20for%20the%20product%20dimension%20group.](https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/set-up-maintain-product-configuration-model#:~:text=the%20configuration%20dimension%20must%20be%20selected%20only%20for%20the%20product%20dimension%20group.)

upvoted 2 times

## DRAG DROP -

A company produces custom-made bicycles that offer many different configurations.

Your standard bicycle, B-0001, is made with many common components such as a frame and wheels. Customers can choose between two frames: F-0001 or F-0009. Wheel W-0001 is only compatible with frame F-0001.

You create the following configuration groups: Frames, Wheels

You need to ensure that users can only select valid combinations of frames and wheels.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

## Actions

- Create a configuration rule for the Frames group that selects valid wheels when a frame is selected.
- Create a new Bill of materials version with component lines for the frames and wheel options.
- Configure the two bicycle configurations.
- Add the Frames and Wheels configuration groups to the configuration route.
- Assign the Frames and Wheels configuration groups to the frame and wheel items respectively.

## Answer Area



## Suggested Answer:

- Answer Area**
- Assign the Frames and Wheels configuration groups to the frame and wheel items respectively.
  - Create a new Bill of materials version with component lines for the frames and wheel options.
  - Add the Frames and Wheels configuration groups to the configuration route.
  - Create a configuration rule for the Frames group that selects valid wheels when a frame is selected.
  - Configure the two bicycle configurations.

**globeearth** 1 month, 1 week ago

The correct order, E, B, D, A, C, ensures:

Groups are assigned to items (E).

The BOM defines the product structure (B).

The configuration route sets the selection sequence (D).

Rules enforce valid combinations based on the route (A).

Final configurations are set up (C).

upvoted 1 times

**IlseKH** 8 months, 1 week ago

correct order:

Create a new Bill of material with lines

Assign the group to the item

Add the groups to the route (can be interchanged with above)

create configuration rule

Configure configurations

i first have to create the BOM and BOM lines before i can add the configuration group

upvoted 2 times

**Tonheidie** 1 year, 5 months ago

Correct;

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/dimension-based-product-configuration>

upvoted 3 times

You work for a gem wholesaler that sells raw diamonds. Diamonds are purchased and sold in individual boxes but weighed and inventoried in carats.

You are setting up a catch weight item for diamonds. Each box of diamonds must be tracked by its individual container weight.

You need to set up this item as a full visibility catch weight item.

Which two steps must you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Assign the item a Tracking dimension group with active serial number control
- B. Assign it a Serial number group with per qty. defined as 1.
- C. Assign a Tracking dimension group with batch number as the only active tracking dimension.
- D. Create an inter-class unit of measure conversion between boxes and carats.

**Suggested Answer: AD**

*Community vote distribution*

AD (100%)

 **globeearth** 1 month, 1 week ago

**Selected Answer: AD**

A. Assign the item a Tracking dimension group with active serial number control - This ensures that each box of diamonds is uniquely tracked by a serial number, enabling full visibility of individual containers throughout the supply chain.

D. Create an inter-class unit of measure conversion between boxes and carats - This allows the system to convert between the inventory unit (carats, used for weighing and inventory) and the catch weight unit (boxes, used for tracking individual containers), which is essential for a catch weight item.

upvoted 1 times

 **Tonheidie** 11 months, 3 weeks ago

Correct;

Explanation:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/create-a-catch-weight-item-with-full-visibility>

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/pim/tasks/manage-unit-measure>

upvoted 4 times

You are the production supervisor in charge of setting effective cost prices for the labor force in a manufacturing company. It is the end of the year and the labor rates have been recalculated based on new salary data. You need to update the effective labor costs for all labor groups. Which element must be updated?

- A. cost groups
- B. cost category
- C. resource group
- D. shared category
- E. production orders

**Suggested Answer: B**


Community vote distribution

B (100%)

 **Tonheidie** Highly Voted 11 months, 4 weeks ago

Correct;

Cost categories apply to manufacturing environments that use routing. They are assigned to operations resources and routing operations to define hourly costs and to segment cost contributions in a manufactured item's calculated costs. <https://docs.microsoft.com/en-us/dynamics365/supply-chain/cost-management/cost-categories-used-production routings>  
upvoted 5 times

 **globeearth** Most Recent 1 month, 1 week ago

**Selected Answer: B**

To update the effective labor costs for all labor groups in Dynamics 365 Supply Chain Management, you need to update the cost category. Cost categories are used to define and manage the costs associated with labor, machines, or other resources in the production process. Updating the labor rates in the cost category will ensure that the new salary data is reflected in the costing of production activities. Correct Answer: B. cost category  
upvoted 1 times

## HOTSPOT -

You are a manufacturing consultant helping a client test out different bill of material (BOM) and route consumption options when starting production orders. Material and labor consumption are to be completed before Report as finish. You are running a production order with BOM lines that have a Flushing principle set to Start. The Automatic Route Consumption Runtime has been set to Yes.

You have set up the default Start user options for all production orders as shown in the exhibit below.

## Set up start

Use on selected orders    Make default for all users

**START**

Date  
12/18/2018

Start production  
Yes

References  
No

**ROUTE CARD JOURNAL**

Route card  
Route

Automatic route consumption  
Always

Post route card now  
Yes

End-mark route  
No

**JOURNALS**

Show journal info  
Yes

**PICKING LIST JOURNAL**

Picking list  
Pick

Automatic BOM consumption  
Flushing principle

Create journal per

Post picking list now  
No

Physical reduction  
No

Complete picking list journal  
Yes

End-mark picking list  
Yes

Pick negative  
No

Print picking list  
No

Print options

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

## Answer Area

Based on the settings in Route Card Journal area, what will happen when the production order is started?

▼

A route card that includes only hours is posted.  
A route card that only includes hours and good quantities is posted.  
An unposted route card is posted. Hours and quantities are blank.

Based on the settings in the Picking list journal area, what will happen when the production order is started?

▼

A picking list is posted with consumption quantities entered and end selected.  
An unposted picking list is created with consumption quantities filled in for all lines and end selected.  
An unposted picking list is created with consumption quantities blank and end selected.

### Answer Area

Based on the settings in Route Card Journal area, what will happen when the production order is started?

A route card that includes only hours is posted.

**A route card that only includes hours and good quantities is posted.**

An unposted route card is posted. Hours and quantities are blank.

Suggested Answer:

Based on the settings in the Picking list journal area, what will happen when the production order is started?

A picking list is posted with consumption quantities entered and end selected.

**An unposted picking list is created with consumption quantities filled in for all lines and end selected.**

An unposted picking list is created with consumption quantities blank and end selected.

 **globeearth** 1 month, 1 week ago

1- A. A route card that includes only hours is posted. - The route card journal will be posted automatically upon starting the production order, including the calculated hours based on the route setup. Quantities are not included in the route card journal, and the "End-mark route: No" setting ensures the order isn't marked as complete.

2- B. An unposted picking list is created with consumption quantities filled in for all lines and end selected. - The picking list journal will be created (not posted) with consumption quantities automatically filled in based on the "Start" flushing principle. The "End-mark picking list: Yes" setting ensures the journal is marked as complete, but "Post picking list now: No" means it remains unposted until further action is taken.

upvoted 1 times

 **4cc52dd** 9 months, 2 weeks ago

Answer is correct. Tested and confirmed.

upvoted 3 times

 **juapem** 10 months, 1 week ago

For me the first one is also "a route card that includes only hours is posted" as there is no mention to the automatic route consumption setup for quantities (defined in the route group)

upvoted 2 times

 **Deetss** 8 months, 3 weeks ago

the question states "material & labor consumption are to be completed before RAF." As a result, we want #1-b (hours AND good quantities is posted).

upvoted 1 times

 **Kubiyo** 1 year ago

That`s correct

upvoted 1 times

 **Rikkert020** 1 year ago

I am not sure if good qty's are reported on a route card. I would rather say that this happens on the report as finished journal. I would pick the first option on the first one.

upvoted 1 times

## HOTSPOT -

A bicycle manufacturing company is implementing Dynamics 365 Supply Chain Management.

The warehouse must pick and stage parts other than paint for bicycle assembly. Paint is at the production station.

You need to configure the reservations for production.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### Requirement

Define configuration for paint reservation.

### Configuration

	▼
Picking journal Production order Item model group	

Define the reservation principle for paint.

	▼
Start Manual Release Scheduling	

### Answer Area

#### Requirement

Define configuration for paint reservation.

#### Configuration

	▼
Picking journal Production order <b>Item model group</b>	

Define the reservation principle for paint.

	▼
Start <b>Manual</b> Release Scheduling	

Suggested Answer:

 **b8c2f82** 4 months, 1 week ago

Define the reservation principle for paint: You should set the reservation principle to Start. This means that inventory is reserved when production starts. This way, you can ensure that paint is available at the production station when needed

upvoted 1 times

 **4cc52dd** 9 months, 2 weeks ago

Answer is correct. In the Item model group, under inventory policies, you can activate the override item production reservation and set to manual. Since the p

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/override-default-reservation-principle#:~:text=On%20the%20other%20hand%2C%20if%20you%20have%20materials%20or%20ingredients%20that%20don%27t%20require%20pick%20work>



upvoted 1 times

 **Rikkert020** 1 year ago

I find the question very unclear, but first one should be production order in my opinion. Not sure about the second one.

upvoted 2 times



  **CCexamn** 1 year ago

Looks like we don't want to reserve the paint since it is already on the production location ready to be consumed. We must reserve the other parts in the warehouse. Since reservation on the production order will give all BOM lines same reservation principle we can't reserve on production order. Therefore, Question A must be Item model group, B Manual.

upvoted 1 times

  **Deetss** 1 year ago

I agree with CCexamn per: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/override-default-reservation-principle>

upvoted 2 times

A manufacturer is implementing Dynamics 365 Supply Chain Management with warehouse management processes (WMS). Warehouse workers use hand-held devices to pick and stage batch-tracked products for production. The warehouse manager requires that products are removed from on-hand inventory and consumed when they are picked and staged for production. You need to remove the products from on-hand inventory. What should you configure?

- A. mobile device menu item, start production order
- B. flushing principle, available at location
- C. flushing principle, start
- D. manufacturing execution, job card device

**Suggested Answer:** B

Community vote distribution


B (100%)

 **globeearth** 1 month, 1 week ago

**Selected Answer: B**

In Dynamics 365 Supply Chain Management with WMS, when the warehouse manager wants to remove products from on-hand inventory at the time they are picked and staged for production (i.e., before actual production starts), the flushing principle should be set to:

✓ Available at location: This flushing principle ensures that materials are consumed (inventory deducted) when they are picked and staged at the input location for production. It aligns with WMS processes, where staging occurs before production and physical movement of goods is tracked.  
upvoted 1 times

 **Mamaou** 11 months, 2 weeks ago

**Selected Answer: B**

Agree : <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/flushing-principles>  
upvoted 4 times

## DRAG DROP -

A manufacturer is implementing Dynamics 365 Supply Chain Management to create blends of oil and industrial lubricant.

The manufacturer requires detailed documentation for the production order process before manufacturing begins for the products. The shop floor must review, approve, and anticipate all production runs. Before production starts, the manufacturer wants to ensure that the order can be completed by a certain timeframe based on capacity.

You need to define the production life cycle stages.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

## Actions

- Generate a picking list.
- Create a production order.
- Start the order.
- Release the order.
- Report the batch order as finished.
- Estimate the order.
- Schedule production jobs.
- Create a batch order.

## Answer area



## Suggested Answer:

- Answer area**
- Create a production order.
  - Estimate the order.
  - Schedule production jobs.
  - Release the order.
  - Start the order.

**LOR\_19** Highly Voted 1 year, 5 months ago

Blend of oil - process production, batch order, formula:

1. Create batch order
  2. Estimate the order
  - 3 schedule the job
  - 4 release the order
  - 5 Start
- upvoted 12 times

**Mamaou** 1 year, 5 months ago

Agree, it's blend oil so it's a formula and not a BOM, so it must be a batch order instead of a production order.

upvoted 5 times

**Deetss** 1 year ago

Also agree, this is outlined here as well: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/batch-order-lifecycle-start>

upvoted 2 times

**Deetss** 1 year ago

MS Learn link actually shows:

1. Create batch order
2. Estimate the order
3. release the order
4. schedule the job
5. Start the order

Question states manufacturer wants documentation & anticipation before production/manufacturing begins and to ensure that order can be completed based on capacity. Which could suggest picking and staging product (release the order) occurs prior to scheduling.

upvoted 3 times

**globeearth** Most Recent 1 month, 1 week ago

=> B. Create a production order: The process begins by creating a production order. This step establishes the order for the oil or industrial lubricant blend, specifying the item, quantity, and other details needed for production. => F. Estimate the order: Next, estimate the production order to calculate the material and resource requirements, as well as the expected costs and time. => G. Schedule production jobs: After estimation, schedule the production jobs to allocate resources and determine the timeline for the production run. => D. Release the order: Once the schedule is

confirmed and the shop floor approves, release the production order to make it available for execution. ==> C. Start the order: Finally, start the production order to initiate the manufacturing process on the shop floor.

upvoted 1 times

  **globeearth** 2 weeks ago

ignore my previous response. here is the correct order.

H. Create a batch order. (This is the equivalent of "Create a production order" for process manufacturing.)

F. Estimate the order.

G. Schedule production jobs.

D. Release the order.

A. Generate a picking list.

upvoted 1 times

  **JimsPul** 1 year, 4 months ago



it says production order not a batch order

upvoted 2 times

  **CCexamn** 1 year ago

Business wise both types are production orders. It also says production "Run" which could be understood as a batch.

upvoted 2 times

  **4cc52dd** 9 months, 2 weeks ago

Technically, however, there is an option for Create a batch order, so that should be used. If there was no option for that I would agree.

upvoted 1 times

A company uses Dynamics 365 Supply Chain Management.

The marketing group needs to be able to view a manufacturer's suggested retail price (MSRP) for a new bill of materials (BOM) item when the cost of the BOM item is calculated.

You need to configure the functionality.

What should you do?

- A. Set the sales price model field on the calculation group to item sales price.
- B. Use the category price rules to generate a trade agreement with the sales price.
- C. Add a profit setting percentage to a calculation group.
- D. Add a profit setting percentage to the released BOM product.
- E. Add a profit setting percentage to a cost group.

**Suggested Answer: A**

Community vote distribution



**Mamaou** Highly Voted 1 year, 5 months ago

**Selected Answer: A**

For me the answer is A :

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/cost-management/bom-calculation-groups>

By setting the Sales price model field, you indicate how the item's data is used to calculate a suggested sales price. You can specify either the item sales price or the cost group. Some manufacturers want to calculate a suggested sales price for manufactured items. The calculated sales price can reflect a rolled-price approach that is based on the component's sales price record. Alternatively, the calculated sales price can reflect a cost-plus-markup approach that is based on the component's cost and applicable profit percentage, which is associated with the item's cost group.

upvoted 5 times

**globeearth** Most Recent 1 month, 1 week ago

**Selected Answer: C**

C. Add a profit setting percentage to a calculation group.-- a calculation group is used to define how costs are calculated for BOM items, including any profit margins that contribute to the sales price (MSRP). By adding a profit setting percentage to the calculation group, the system can automatically calculate the MSRP based on the cost of the BOM item plus the defined profit margin. This configuration ensures that when the BOM cost is calculated, the marketing group can view the resulting MSRP, as the profit percentage is factored into the sales price calculation. why not A? This option would use the item's existing sales price rather than calculating a new MSRP based on the BOM cost and a profit margin. It does not meet the requirement of generating the MSRP during BOM cost calculation.

upvoted 1 times

**b8c2f82** 4 months, 1 week ago

**Selected Answer: C**

To view the manufacturer's suggested retail price (MSRP) for a new bill of materials (BOM) item, you need to configure a calculation group with a profit setting percentage. A calculation group is a group of settings that determine how the cost and sales price of a BOM item are calculated<sup>1</sup>. A profit setting percentage is a percentage that is added to the cost of a BOM item to calculate the sales price<sup>2</sup>. You can specify a profit setting percentage for each calculation group on the Calculation groups

upvoted 1 times

**Max2969** 5 months, 2 weeks ago

**Selected Answer: U**

For me is A.

upvoted 1 times

**IlseKH** 7 months, 2 weeks ago

**Selected Answer: B**

I think its correct as it says it want to show the retail price to the sales people. it says nothing about how the retail price was calculated, for calulation of the BOM the calculation groups are needed as Mamaou suggested, but the question asks for the finished price to be shown to sales.

<https://learn.microsoft.com/en-us/dynamics365/commerce/tasks/category-pricing-rules-trade-agreements>

upvoted 3 times

  **ZQ05** 6 months, 1 week ago

I think I buy this explanation

upvoted 1 times

## DRAG DROP -

A company overstates on-hand raw materials due to the time it takes to post raw materials as consumed when production orders are processed. All items used to manufacture finished goods must be consumed when a finished good is reported as finished. You must not change all bill of materials lines to use the option of flushing principal.

You need to ensure that all production orders consume raw materials at Report as finished.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

## Actions

- In the Production order status section of Production control, select **Report as finished**.
- Select default values in the ribbon.
- In the Picking list journal, select **Always in the Automatic BOM** consumption.
- On the Bill of materials section of Inventory management, select **Report as finished**.
- Select **Make default for all users**.
- In the Production order status section of Production control, select **Start**.

## Answer area



## Suggested Answer:

## Answer area

- In the Production order status section of Production control, select **Start**.
- In the Picking list journal, select **Always in the Automatic BOM** consumption.
- In the Production order status section of Production control, select **Report as finished**.
- Select **Make default for all users**.

**Tonheidie** Highly Voted 11 months, 4 weeks ago

I think this answer is incorrect, the question is asking about 'Reported as finished' and 'Start' is not mentioned. I would suggest the answer is 1235 or;

1. In the Production order status section of Production control, select Report as finished
2. Select default values in the ribbon
3. In the Picking list journal, select Always in the Automatic BOM consumption
4. Select Make default for all users

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/production-parametersmanufacturing-execution>

upvoted 16 times

**Mamaou** 11 months, 2 weeks ago

Totally agree with you

upvoted 2 times

**globeearth** Most Recent 1 month, 1 week ago

B. Select default values in the ribbon. - This step involves accessing the default settings for production parameters to configure how raw materials are consumed.

C. In the Picking list journal, select "Always in the Automatic BOM" consumption. - Setting the Picking list journal to "Always in the Automatic BOM" ensures that raw materials are automatically consumed when the production order is reported as finished, aligning with the requirement.

E. Select "Make default for all users". - This ensures that the configured settings are applied universally across all users, making the consumption process consistent.

A. In the Production order status section of Production control, select "Report as finished". - This final step involves reporting the production order as finished, which triggers the automatic consumption of raw materials based on the configured settings.

upvoted 1 times

A company produces paints and assembles bicycle frames.  
You must account for paint drying time before assembly operations can begin.  
You need to set up the operation to encompass queue times.  
Which two options can you use? Each correct answer presents part of the solution.  
NOTE: Each correct selection is worth one point.

- A. Build capabilities for each resource related to color.
- B. Enter a value in the queue time after field for the painting operation.
- C. Enter a value in the transit time on the painting operation.
- D. Make a resource group for each size and color and assign that group to the operation.
- E. Enter a value in the queue time before field for the assembly operation.

**Suggested Answer:** BE

Community vote distribution

BE (100%)

🗲️ 👤 **Tonheidie** Highly Voted 👍 12 months ago

Seems correct to me.

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/set-up-operations-for-production>  
upvoted 5 times

🗲️ 👤 **globeearth** Most Recent 🔍 1 month, 1 week ago

**Selected Answer: BE**

B. Enter a value in the queue time after field for the painting operation. - This allows you to specify the drying time required after the painting operation is completed, ensuring the system accounts for this delay before the next operation (e.g., assembly) can start.  
E. Enter a value in the queue time before field for the assembly operation. - This ensures that the assembly operation waits for the specified drying time before starting, effectively scheduling the delay caused by the paint drying process.  
upvoted 1 times

🗲️ 👤 **Mamaou** 11 months, 2 weeks ago

**Selected Answer: BE**

correct for me  
upvoted 3 times



## DRAG DROP -

A company plans to account for indirect costs related to materials used to manufacture products.

The items used to manufacture products have surcharge rates that depend on the type of product being used.

You need to set up the costing sheet to include surcharges for specific items.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create a node-type surcharge under the indirect cost group and enter the absorption basis and surcharge.	
Create cost groups for indirect and direct costs.	
Assign a surcharge node to items.	
Assign the cost group for the indirect cost to the route operation.	
Assign a cost group to the items.	

**Suggested Answer:**

Create cost groups for indirect and direct costs.

Create a node-type surcharge under the indirect cost group and enter the absorption basis and surcharge.

Assign a cost group to the items.

**Tonheidie** Highly Voted 1 year, 5 months ago

Seems correct to me;

Cost groups provide the basis for segmenting and analyzing cost contributions in a manufactured item's calculated cost, such as the cost contributions for material, labor, and overhead. Cost group segmentation has several synonyms within manufacturing environments, such as cost breakdown, cost decomposition, or cost classification.

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-cost-groups>

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-costing-sheet-setup>

<https://docs.microsoft.com/en-us/learn/modules/work-costing-sheet-dyn365-supply-chain-mgmt/>

upvoted 5 times

**Deetss** 11 months, 1 week ago

Agreed, looks correct: <https://learn.microsoft.com/en-us/dynamics365/finance/general-ledger/indirect-cost-posting>

upvoted 1 times

**globeearth** Most Recent 1 month, 1 week ago

B. Create cost groups for indirect and direct costs. - create cost groups to categorize both direct and indirect costs. This establishes the foundation for assigning costs to items and operations, ensuring that surcharges (as indirect costs) can be properly tracked and applied.

E. Assign a cost group to the items - This links the items to the cost structure, enabling the system to associate specific surcharge rates with the items based on their product type.

A. Create a node-type surcharge under the indirect cost group and enter the absorption basis and surcharge - create a surcharge node under the indirect cost group in the costing sheet. Specify the absorption basis (e.g., quantity or cost) and the surcharge rate to define how the indirect costs are calculated and applied to the items.

upvoted 1 times

**Igv0000** 2 months, 2 weeks ago

As far as I'm concerned, steps 2 and 3 in the answer are independent of each other : Assigning the Cost group to the item and creating the indirect node can be done in any order so 2 possible answers are:

- 1) Create cost groups for indirect and direct costs
- 2) Assign a cost group to the items
- 3) Create a node-type surcharge

or

- 1) Create cost groups for indirect and direct costs
- 2) Create a node-type surcharge
- 3) Assign a cost group to the items

upvoted 1 times

## DRAG DROP -

A manufacturing company is implementing Dynamics 365 Supply Chain Management.

Bill of materials (BOMs) must be calculated using standard cost principles.

Miscellaneous charges must be included in the unit cost price. The explosion mode must always be enforced as single level.

You need to configure the system to meet the requirements.

Which configuration should you enable for each requirement? To answer, drag the appropriate configurations to the correct requirements. Each configuration may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Configurations		Requirement	Configuration
Cost categories			
Fallback principle	•	Include miscellaneous charges.	
Calculation restriction	•	Enforce the single-level explosion mode.	
Recording restriction	•		

Answer Area	
	Configuration
<b>Suggested Answer:</b> Include miscellaneous charges.	Recording restriction
Enforce the single-level explosion mode.	Calculation restriction

 **Tonheidie** Highly Voted 8 months, 1 week ago


The Recording restriction option in the costing version mandates one of these policies, where miscellaneous charges must be included in the unit price.

and

The Calculation restriction option in the costing version mandates the other four BOM calculation policies: [...] To help guarantee accurate and consistent calculation of standard costs, the explosion mode must be single-level.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/cost-management/bom-calculations>

upvoted 8 times

 **globeearth** Most Recent 1 month, 1 week ago

1: D. Recording restriction - this option mandates policies to include miscellaneous charges in the unit price.

2: C. Calculation restriction - it enforces the single-level explosion mode in the calculation group settings.

upvoted 1 times

A company produces pipe at certain fixed lengths.

The company must be able to schedule cutting machines. You set up the cutting machines as resources. All cutting resources can produce many of the products. There are some products that cutting machines that can produce longer lengths of product. Only some of the machines can do this.

You need to configure the resources to account for these different products.

What should you do?

- A. Build capability related to length and assign to the appropriate resources.
- B. Configure the Data/Hour option on the Capacity unit field on the resource.
- C. Create a resource for each length.
- D. Create a resource group for each length.

**Suggested Answer: A**

*Community vote distribution*

A (100%)

🗲️ 👤 **Tonheidie** Highly Voted 👍 11 months, 4 weeks ago

**Selected Answer: A**

Capabilities - A capability is the ability of a resource to perform a given activity that is relevant to production.

Capabilities are assigned to an operations resource. A resource can have more than one capability assigned to it, and a capability can be assigned to more than one resource.

upvoted 6 times

🗲️ 👤 **globeearth** Most Recent 🕒 1 month, 1 week ago

**Selected Answer: A**

A. Build capability related to length and assign to the appropriate resources. - you can define resource capabilities to specify the abilities of each resource (cutting machine). By creating a capability related to the length of the product (e.g., "Long Length Cutting"), you can assign this capability only to the machines that can produce longer lengths. This allows the system to schedule production based on the specific capabilities of each machine, ensuring that only compatible machines are selected for jobs requiring longer lengths.

upvoted 1 times

🗲️ 👤 **Igv0000** 2 months, 2 weeks ago

**Selected Answer: A**

Resource capabilities 100%

upvoted 1 times

## HOTSPOT -

A manufacturer uses Dynamics 365 Supply Chain Management to create bicycle parts as a configure-to-order configuration. All bicycle parts are sourced from external sources and assembled in the manufacturing facility.

The manufacturer plans to expand its capabilities to create custom bicycles parts in an engineer-to-order model. All bicycle parts will be created in the manufacturing facility. The custom bicycle parts must be omitted from any master planning process.

You need to describe the concepts for the requirements.

Which concepts should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### Requirement

Redesign the manufacturing facility for the new facility capabilities.

### Concept

	▼
Unified	
Process	
Lean	
Discrete	

Configure for the engineer-to-order items.

	▼
Supply policies	
Supply schedule	
Planning optimization	
Priority-based planning	

### Answer Area

#### Requirement

Redesign the manufacturing facility for the new facility capabilities.

#### Concept

	▼
Unified	
Process	
Lean	
Discrete	

Configure for the engineer-to-order items.


	▼
Supply policies	
Supply schedule	
Planning optimization	
Priority-based planning	

Suggested Answer:

 **globeearth** 1 month, 1 week ago

1: D. Discrete - Discrete manufacturing is suitable for producing distinct items like custom bicycle parts, where products are assembled or manufactured in a non-continuous process. This aligns with the engineer-to-order model, where unique parts are created based on specific customer requirements.

2: A. Supply policies - Supply policies allow you to define specific rules for engineer-to-order items, such as excluding them from master planning processes. This ensures custom bicycle parts are not included in automated planning, meeting the requirement to omit them from master planning.  
upvoted 1 times

 **Mamaou** 11 months, 2 weeks ago

For me it's Unified because the parts and the configure to order + standard assembly needs a mix of several manufacturing.

The second it's supply policies

All it explained :<https://learn.microsoft.com/en-ca/training/modules/get-started-production-control-dyn365-supply-chain-mgmt/3-unified-man>  
upvoted 4 times

A company manufactures high performance bicycles.

The bicycles come in several different preconfigured models. Customers can also purchase custom configurations. Several add-ons are dependent on other accessories in order to be installed.

You need to set up the system to handle the different product configurations.

What should you do?

- A. Create an expression constraint.
- B. Create a phantom BOM.
- C. Create a co-product.
- D. Create a batch version.



**Suggested Answer: A**

Community vote distribution


A (100%)

  **Kechka** Highly Voted 1 year, 7 months ago

It must be A, only answer that is a product configuration  
upvoted 5 times



  **Tonheidie** 1 year, 7 months ago  
Agreed,



"Constraints are used to control the attribute values that you can select when you configure products for a sales order, sales quotation, purchase order, or  
<https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/expression-constraints-table-constraints-product-configuration-models#:~:text=Constraints%20are%20used%20to%20control%20the%20attribute%20values%20that%20you%20can%20select%20when%20you%20config>  
upvoted 3 times


  **globeearth** Most Recent 1 month, 1 week ago

**Selected Answer: A**

Expression constraints - to define rules and dependencies for product configurations. This is ideal for managing complex product configurations, such as bicycles with various models and add-ons where certain accessories depend on others. Expression constraints ensure that only valid combinations of components are selected during the configuration process.  
upvoted 1 times

  **Elynda** 12 months ago  
B es correcto porque permite la personalización del producto para el cliente  
upvoted 1 times

  **LOR\_19** 1 year, 5 months ago  
A is correct  
upvoted 2 times

  **Tonheidie** 1 year, 5 months ago  
**Selected Answer: A**

"Constraints are used to control the attribute values that you can select when you configure products for a sales order, sales quotation, purchase order, or production order."  
upvoted 4 times

## DRAG DROP -

A company uses Dynamics 365 Supply Chain Management.

Several production orders are in the started status.

An issue with equipment causes a rollback in the production status for some of the orders.

Some orders must be reset once the equipment is repaired, based on which products were being manufactured.

You need to reset the production orders based on the requirements.

Which status should you use for each requirement? To answer, drag the appropriate statuses to the correct requirements. Each status may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Statuses**

Created

Ended

Estimated

Released

**Answer Area****Requirement****Status**

The report as finished quantities need to be reverted but retain the production jobs that were created.

The production jobs need to be deleted but retain the calculated item consumption calculations.

**Answer Area****Requirement****Status****Suggested Answer:**

The report as finished quantities need to be reverted but retain the production jobs that were created.

The production jobs need to be deleted but retain the calculated item consumption calculations.

Released

Estimated

 **MFool** Highly Voted 1 year ago

Correct answer, Released will preserve the scheduling of jobs and Estimated will preserve the costing calculation  
upvoted 5 times

 **globeearth** Most Recent 1 month, 1 week ago

1-D. Released: This status comes after estimation and scheduling, where jobs are created, but before the production order is started or reported as finished. Reverting to "Released" cancels the "report as finished" quantities (undoing the finished goods reporting) while retaining the production jobs created during scheduling.

2-C. Estimated: This status occurs after the consumption calculations are made but before job scheduling. Reverting to "Estimated" deletes the production jobs (as they are created in later stages like "Scheduled" or "Released") while retaining the calculated item consumption from the estimation process.

upvoted 1 times



## HOTSPOT -

A manufacturing company uses Dynamics 365 Supply Chain Management.

The company identifies a bill of materials (BOM) item that needs to be recalled for a product.

The engineering department needs to link customer support incidents and knowledgebase articles related to the product change.

Other items affected by this change must reference the same support incidents and knowledgebase articles.

You need to recommend features to facilitate this business process.

Which features should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

### Action

Document the changes.

### Feature

	▼
BOM version	
Case management	
Workflow	
Document management	

Associate the other items to the knowledgebase articles.

	▼
Product change	
Where-used	
Where-linked products	
BOM designer	

### Answer Area

#### Action

Document the changes.

#### Feature

	▼
BOM version	
Case management	
Workflow	
Document management	

Associate the other items to the knowledgebase articles.

	▼
Product change	
Where-used	
Where-linked products	
BOM designer	


Suggested Answer:

 MFool Highly Voted 1 year ago

I would think it is Where used to identify the other items that related to it???

The first one seems ok, Case management



upvoted 5 times

 globeearth Most Recent 1 month, 1 week ago

1-BOM versions, combined with Engineering Change Management, provide a structured way to document changes to the BOM, including details about the recall. You can create a new BOM version, use change orders to track modifications, and include notes or references to the recall reason.

2-Where-used: The "where-used" feature in Dynamics 365 Supply Chain Management shows where a specific component (e.g., the recalled BOM item) is used across other BOMs or products. This is critical for identifying all affected items in the supply chain, which can then be linked to knowledgebase articles for consistent documentation.

upvoted 1 times

  **KB024** 10 months ago

Answers are correct.

<https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-product-change-cases>

upvoted 2 times

  **ZQ05** 5 months, 1 week ago

the article seems okay

upvoted 1 times

## DRAG DROP -

A company uses distributed hybrid topology within their Dynamics 365 Supply Chain Management system.

The company plans to build a manufacturing plant on a mountain to be closer to a required mineral source. Internet connectivity is unreliable, and availability of bandwidth speed is limited. The company plans to deploy an operational edge scale unit for the plant to address the connectivity issue.

You need to determine where production operations can be performed.

Which method should you recommend?

To answer, drag the appropriate methods to the correct requirements. Each method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Methods	Requirement	Method
Production floor execution interface	Record the start of production.	
Warehouse Management mobile app	Report the number of production units completed and finished goods put away.	
Production floor execution interface and Warehouse Management mobile app	Report time spent training a new employee about line operation.	

**Suggested Answer:**

Requirement	Method
Record the start of production.	Production floor execution interface
Report the number of production units completed and finished goods put away.	Warehouse Management mobile app
Report time spent training a new employee about line operation.	Warehouse Management mobile app

 **Kechka** Highly Voted 7 months, 2 weeks ago

- Production floor execution interface and Warehouse Management mobile app
  - Warehouse Management mobile app
  - Production floor execution interface
- upvoted 14 times

## DRAG DROP -

A company uses multiple Dynamics 365 applications to track and repair equipment.

The company wants to improve its repair order process. Repair technicians frequently encounter unexpected issues daily.

The technicians must be empowered to address the issues and create new work orders by doing the following:

Provide step-by-step, just-in-time training for work order completion in the field by using videos and text.

Document work order creation in a single, printable document.

Report on the use of hands-on training.

You need to implement a solution for the requirements.

Which solution should you implement for each requirement? To answer, drag the appropriate solutions to the correct requirements. Each solution may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Solutions**

Dynamics 365 Guides

Dynamics 365 Connected Spaces

Dynamics 365 Remote Assist

Dynamics 365 Supply Chain Management

**Answer Area****Requirement**

Just-in-time training


Work order creation document

Training reporting

**Solution**

**Suggested Answer:**

Requirement	Solution
Just-in-time training	Dynamics 365 Guides
Work order creation document	Dynamics 365 Supply Chain Management
Training reporting	Dynamics 365 Remote Assist

 **MohamedVaga** Highly Voted 1 year, 9 months ago

D 365 Guides

D 365 SCM

D 365 Guides.

The third option is guide not remote assist

upvoted 6 times

 **Deetss** 12 months ago


Are there any links to support these selections? This link, <https://learn.microsoft.com/en-us/dynamics365/mixed-reality/remote-assist/ra-overview#use-cases> seems to support:

#1-Remote Assist

#2-SCM

#3-both Guides & RA reference use of Calls Dashboard to review metrics?

upvoted 1 times


 **globeearth** Most Recent 1 month, 1 week ago

1- A. Dynamics 365 Guides - Dynamics 365 Guides is designed to deliver interactive, step-by-step instructions for training and task guidance, particularly for field technicians

2 - D. Dynamics 365 Supply Chain Management - : Dynamics 365 Supply Chain Management, particularly when integrated with Dynamics 365 Field Service, provides robust work order management capabilities.

3- A. Dynamics 365 Guides - Dynamics 365 Guides includes analytics and reporting tools to track the usage and effectiveness of training content. It can monitor how technicians interact with guides, including completion rates, time spent on tasks, and performance metrics.

upvoted 1 times

 **dkh2207** 1 year, 1 month ago

the last one is D365 Guides

upvoted 1 times

## DRAG DROP -

An automobile manufacturer leases cars to companies for use as company cars.

A car leased to a company breaks down and requires repairs.

You must open a maintenance request and replace the car with an equivalent model until the original car is repaired and returned to the company.

When the manufacturer receives and inspects the car, the replacement car can be released to the company.

You need to select the maintenance request components to use.

Which components should you use? To answer, drag the appropriate components to the correct assets. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Components	Answer Area
	Asset
Asset loan	The leased car that must be repaired
Fixed asset lease	The replacement car for the leased car
Inbound asset	
Outbound asset	

	Answer Area
	Asset
<b>Suggested Answer:</b>	The leased car that must be repaired
	The replacement car for the leased car

 **globeearth** 1 month, 1 week ago

1-C. Inbound asset: An "Inbound asset" refers to an asset being returned to the manufacturer or service center for maintenance or repair. Since the leased car is being brought back for repairs, it aligns with the "Inbound asset" component in the maintenance request process.

2-A. Asset loan: An "Asset loan" refers to a temporary provision of an asset (in this case, the replacement car) to the company while the original leased car is under repair. This component is used to track the temporary assignment of the replacement car until the original car is repaired and returned.

upvoted 1 times

 **IlseKH** 8 months ago

I think the solution here is correct, as it asks for the component and inbound and outbound are status.

the car is a fixed asset lease as we have it fix leased with a contract and so on, the Replacement is an asset loan with the status inbound.. i guess

upvoted 2 times

 **ZQ05** 5 months, 1 week ago

I agree with this answer

upvoted 1 times

 **4cc52dd** 10 months, 1 week ago

1 Inbound asset - <https://learn.microsoft.com/en-us/dynamics365/supply-chain/asset-management/manage-maintenance-requests/inbound-and-outbound-assets>

2 Asset loan - <https://learn.microsoft.com/en-us/dynamics365/supply-chain/asset-management/manage-maintenance-requests/asset-loan>

upvoted 1 times

 **dkh2207** 1 year, 1 month ago

Purpose of asset loan: track temporary replacement, or repair asset provided to customers during repair or maintenance of the original asset. The first answer should be asset loan.

upvoted 1 times

A beverage company uses Dynamics 365 Supply Chain Management batch processing for production.

You need to identify the ingredient type used in batch processing when the base attribute of a product is added to a formula line.

What is the ingredient type?

- A. active
- B. compensating
- C. filler
- D. none

**Suggested Answer: A**

*Community vote distribution*

A (100%)

  **globeearth** 1 month, 1 week ago

**Selected Answer: A**

When a product with a base attribute is added to a formula line in Microsoft Dynamics 365 Supply Chain Management, it is referred to as an active ingredient in the batch processing context. The base attribute typically represents the potency or concentration of the active ingredient, which is critical for the batch balancing process to calculate the required amounts based on the active ingredient's concentration. Therefore, the correct ingredient type is: A. active

upvoted 1 times

You are a production manager at a company which produces large batches of coffee and creamers.

After a quality inspection, batch 120008 of your cold brew coffee (item number CB-0001) was found to be too acidic and must be reworked.

You need to add 20 grams of sugar and stir the product for an additional 0.5 hours.

What three actions are required on the rework order? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Manually reserve batch 120008 after estimating the batch order.
- B. Add a route operation for 0.5 run time hours of stirring.
- C. Add 20 grams of sugar to the production formula.
- D. Delete all items from the production formula except for 20 grams of sugar.
- E. Delete all route operations except for a half an hour stirring operation.

**Suggested Answer:** ABC

Community vote distribution

ABC (100%)

 **globeearth** 1 month, 1 week ago

**Selected Answer:** ABC

B. Add a route operation for 0.5 run time hours of stirring. a new route must be created for the rework process. Adding a route operation for 0.5 hours of stirring is necessary to reflect the additional processing required to address the acidity issue.

C. Add 20 grams of sugar to the production formula. reworking a batch involves adding 20 grams of sugar to the production formula (BOM) is required to adjust the batch's composition.

A. Manually reserve batch 120008 after estimating the batch order. After creating the rework batch order and updating the BOM and route, you need to ensure the specific batch (120008) is reserved for the rework. <https://technologyblog.rsmus.com/technologies/microsoft/dynamics-365-for-finance-and-supply-chain/rework-batch-orders-in-microsoft-dynamics-365-for-finance-and-operationscmptdblogtmc-ms-dynamics-1219d01/>  
upvoted 1 times

 **KB024** 10 months ago

**Selected Answer:** ABC

Also agree ABC

<https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/create-a-rework-batch-order>  
upvoted 2 times

 **Tonheidie** 1 year, 5 months ago

correct; <https://technologyblog.rsmus.com/microsoft-dynamics/dynamics-365-for-finance-and-operations/rework-batchorders-in-microsoft-dynamics-365-for-finance-and-operationscmptdblogtmc-ms-dynamics-1219d01/>  
upvoted 3 times

## HOTSPOT -

You are the production scheduler at a manufacturing company. You schedule estimated production orders and ensure that capacity is used efficiently.

You have an order that must be scheduled at the resource group level and scheduled backward from the delivery date specified on the production order.

You need to schedule the order.

Which scheduling parameters should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area****Parameter****Selection****Scheduling type**

	▼
Job scheduling	
Operations scheduling	

**Scheduling direction**

	▼
Backward from delivery date	
Backward from action date	
Backward from futures date	
Backward from scheduling date	

**Answer Area****Parameter****Selection****Scheduling type**

	▼
Job scheduling	
Operations scheduling	

**Scheduling direction**

	▼
Backward from delivery date	
Backward from action date	
Backward from futures date	
Backward from scheduling date	

**Suggested Answer:**

 **globeearth** 1 month, 1 week ago

1: Scheduling type - B. Operations scheduling : Operations scheduling is used when scheduling at the resource group level, as it allocates capacity to resource groups without reserving specific resources or creating individual job schedules. This aligns with the requirement to schedule at the resource group level.

2: Scheduling direction - A. Backward from delivery date : Backward scheduling from the delivery date starts with the specified delivery date on the production order and schedules operations backward to ensure the order is completed by that date. This matches the requirement to schedule backward from the delivery date.

upvoted 1 times

 **juan1603** 1 year, 1 month ago

Correct: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/operations-scheduling#:~:text=When%20you%20run,in%20the%20group.>

upvoted 2 times

 **Tonheidie** 1 year, 5 months ago

Correct, use operations scheduling for scheduling at resource group level, and schedule backward from delivery date as specified in the question. <https://docs.microsoft.com/en-us/dynamics365/unified-operations/supply-chain/production-control/operationscheduling-options>



upvoted 4 times

## HOTSPOT -

A company implements Dynamics 365 Supply Chain Management.

You must use functionality in the system for group production runs to prevent downtime and excessive cleaning of the machines on the production line.

You need to set up the system.

Which behaviors should you expect? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

You set up a coverage time horizon of 120 days, a sequence time horizon of 60 days, and a campaign cycle of 30 days.

Two complete campaign cycles of 30 days, each within the 60-day sequencing time horizon.  
Three complete campaign cycles of 30 days, each within the 60-day sequencing time horizon.  
One complete campaign cycle of 120 days.

You set up a sequencing ID for 50 gram, 100 gram, and 200 gram packages. You assign ranking values as 1, 5, and 10 respectively.

50 gram packets, then 100 grain packets, then 200 gram packets.  
200 gram packets, then 100 gram packets, then 50 gram packets.

**Answer Area**

You set up a coverage time horizon of 120 days, a sequence time horizon of 60 days, and a campaign cycle of 30 days.

Two complete campaign cycles of 30 days, each within the 60-day sequencing time horizon.  
Three complete campaign cycles of 30 days, each within the 60-day sequencing time horizon.  
One complete campaign cycle of 120 days.

**Suggested Answer:**

You set up a sequencing ID for 50 gram, 100 gram, and 200 gram packages. You assign ranking values as 1, 5, and 10 respectively.

50 gram packets, then 100 grain packets, then 200 gram packets.  
200 gram packets, then 100 gram packets, then 50 gram packets.

 **globeearth** 1 month, 1 week ago

1: A. - The sequence time horizon determines the period within which production orders are sequenced to optimize production runs, minimizing changeovers and downtime.

The campaign cycle represents a fixed period during which a specific group of production orders (e.g., for similar products) is run to reduce setup and cleaning times. Since  $60 \div 30 = 2$ , the sequence time horizon can accommodate exactly two complete campaign cycles of 30 days each.

2: A. 50 gram packets, then 100 gram packets, then 200 gram packets. Sequencing in ascending order ( $1 < 5 < 10$ ) means the production will start with the lowest rank (50-gram packages), followed by the next lowest (100-gram packages), and finally the highest (200-gram packages).

upvoted 1 times

 **Tonheidie** 12 months ago

Correct;

- Sequence planned orders after master planning
- Number of buckets in the campaign cycle
- Master planning / Master planning / Sequenced planned orders

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/master-planning/tasks/define-coverage-rules-items>

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/sequence-production-jobsprocess-manufacturing>

upvoted 3 times

You use the master planning module for Dynamics 365 Supply Chain Management.  
Planned production orders have been created.  
Several sales orders are canceled in response to concerns about recent online reviews of a product.  
You need to enable the appropriate action message.  
Which action message should you enable?

- A. Increase
- B. Postpone
- C. Decrease
- D. Derived actions
- E. Advance

**Suggested Answer:** C

*Community vote distribution*

C (100%)

 **globeearth** 1 month, 1 week ago

**Selected Answer: C**

The Decrease action message suggests reducing the quantity of an existing planned production order to align with the lower demand caused by the canceled sales orders. If the planned production orders were created to fulfill the original sales orders, and some of those are now canceled, the system will recommend decreasing the order quantity to prevent overstocking. However, if the order also supplies safety stock, the suggested quantity will not drop below the safety stock level needed.

upvoted 1 times

 **Angieline** 1 year ago

correct: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/action-messages>

upvoted 2 times

A company plans to use master planning in Dynamics 365 Supply Chain Management. The company will sell items between legal entities. The company has several facilities across legal entities that can manufacture the same products. Some products are produced only in some plants. To meet product demand, when one facility is over capacity, another facility is used to fulfill the downstream demand. The organizational entities are:

LegalEntityA: Plant 1, 2, and 3 -

LegalEntityB: Plant 4 and 5 -

LegalEntityC: Plant 6, 7, and 8 -

The following plants must be planned together:

Plant 1, Plant 3, and Plant 4 -

Plant 2, Plant 6, and Plant 8 -

Plant 5 and Plant 7 -

You need to configure master planning for the facilities.

Which configuration mechanism should you use?

- A. Production groups
- B. Item model groups
- C. Coverage groups
- D. Intercompany planning groups

**Suggested Answer: D**

Community vote distribution


D (100%)

 **globeearth** 1 month, 1 week ago

**Selected Answer: D**

D. to enable master planning across multiple legal entities, allowing for coordinated planning of supply and demand between facilities (plants) in different legal entities. This is critical for scenarios where items are sold between legal entities and production can be shifted to another facility when one is over capacity. The requirement to plan specific groups of plants together (e.g., Plant 1, Plant 3, and Plant 4) across legal entities aligns with the functionality of intercompany planning groups, which allow you to define which sites or facilities should be included in a unified planning process. This mechanism supports the coordination of production and inventory across legal entities, ensuring that downstream demand is fulfilled by leveraging the capacity of other facilities as needed.

upvoted 1 times

 **BryanSCM** 9 months, 2 weeks ago

Intercompany planning groups are specifically designed to handle planning across different legal entities. Since the company plans to sell items between legal entities and has facilities across different legal entities that manufacture the same products, this mechanism will allow you to plan and manage intercompany transactions effectively.

Source: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/intercompany-planning>

upvoted 1 times

You are using the manufacturing execution module in Dynamics 365 Supply Chain Management.  
License plate labels must be printed for products in the Report as finished step.  
You need to use the manufacturing execution functionality that meets this requirement.  
What should you use?

- A. License plates
- B. Job card device
- C. Operations schedules
- D. Production waves

**Suggested Answer:** B

Community vote distribution

B (100%)

🗳️ 👤 **globeearth** 1 month, 1 week ago

**Selected Answer:** B

The Job card device is specifically designed for shop floor workers to report progress on production orders, including the Report as finished step. It supports registering finished goods and can be configured to generate and print license plate labels when reporting quantities as finished. You can enable this by navigating to Production control > Setup > Manufacturing execution > Configure job card for devices and setting the Print label option to Yes. This ensures a license plate label is printed for each Report as finished action, and the label configuration is managed through Warehouse management > Setup > Document routing > Document routing or Label layout settings.

upvoted 1 times

🗳️ 👤 **Angieline** 1 year ago

Job card device; <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/report-finished-job-device>

upvoted 1 times

🗳️ 👤 **dkh2207** 1 year, 1 month ago

B- Job card device

upvoted 3 times

🗳️ 👤 **Neminemi** 1 year, 2 months ago

**Selected Answer:** B

The license plate printing is done from the Job card device.

upvoted 2 times

🗳️ 👤 **PPL1** 1 year, 4 months ago

It seems to me it should be B - Job card device

upvoted 2 times

🗳️ 👤 **LOR\_19** 1 year, 5 months ago

**Selected Answer:** B

Should not be a B - Job card device?

upvoted 3 times

## DRAG DROP -

A discrete manufacturer uses the time and attendance registration for production operations.

All employees register daily dock in and clock out times during a 40-hour. Monday through Friday workweek.

Pay periods are every two weeks. Workers are paid hourly.

The production manager will create work schedules with the following windows:

## Mandatory work hours -

Work hours during which employees can leave early without accruing absences

Work hours during which employees can work extra time

If a junior production worker works over 90 hours in a pay period, the worker will receive time and a half over 80 hours. If a senior production worker works over 90 hours in a pay period, the worker will receive double time over 80 hours.

You need to configure the system for these requirements.

Where should you configure this functionality? To answer, drag the appropriate forms to the correct requirements. Each form may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Forms		Requirement	Form
Workers		Configure the overtime calculations.	
Flex groups	•	Configure the periods of time that a worker can choose whether to work.	
Worker groups	•		
Calendar working times	•		

	Requirement	Form
<b>Suggested Answer:</b>	Configure the overtime calculations.	Flex groups
	Configure the periods of time that a worker can choose whether to work.	Calendar working times

 **globeearth** 1 month, 1 week ago

1: Configure the overtime calculations.: A. Workers - you configure overtime calculations in the "Workers" area, where you can set up pay agreements, time and attendance parameters, and specific rules for each worker or worker category to handle overtime thresholds and rates.

2: Configure the periods of time that a worker can choose whether to work. : B. Flex groups -

"Flex groups" are used to define flexible time periods within work schedules, allowing employees to have control over certain hours for early departure or extra work without impacting absence calculations.

upvoted 1 times

 **4cc52dd** 9 months, 2 weeks ago

I don't feel like there is a correct answer here.

Flex groups have nothing to do with overtime, and the only configurations under flex group relate to the min (flex-) and max (flex+)

Worker groups only relates to maintenance worker groups

Calendar working times is not where you define working hours by category (should be done in time profiles in time and attendance)

Workers is the only thing that makes any kind of sense for me as far as configuring overtime calculations. (Time and attendance- payroll-pay types and then rates in the action pane and worker rates in the following action pane)

This is the only place I can locate where you would set different rates for junior vs senior production workers for OT.

Hope I'm just missing something here.

upvoted 1 times

 **MrLulex** 11 months, 2 weeks ago

Correct - <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/time-attendance-flex-groups>

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. A manufacturing plant uses Lean processes. You plan to outsource a painting operation to a subcontracting vendor. You create a service item named SP-01 to represent the painting service.

You need to create a subcontracting activity for the painting service.

Solution:

Create a vendor warehouse for the subcontracting vendor.

Create a vendor resource and add it to a new work cell for outsource painting.

Create a production flow transfer activity and specify the vendor warehouse as the target warehouse.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

Community vote distribution

B (75%)

A (25%)

  **globeearth** 1 month, 1 week ago

**Selected Answer: B**

Weaknesses: A transfer activity is typically used for moving materials between locations (e.g., warehouses), not for processing services like painting.

Painting is a value-adding operation, which is better modeled as a process activity in Lean manufacturing.

Does not mention the service item (SP-01) or how it's linked to the activity.

Lacks a purchase agreement or service terms, which are critical for defining the commercial relationship with the vendor.

upvoted 1 times

  **griffin1212** 9 months ago

**Selected Answer: B**

Create a production flow transfer activity and specify the vendor warehouse as the target warehouse. => The transfer activity is when the shipment is managed by vendor, but shipment is not mentioned here, should be process activity (painting operation).

Answer is No

upvoted 2 times

  **KB024** 9 months, 3 weeks ago

**Selected Answer: A**

"To model the inventory that is located at a vendor site, it's a best practice in the industry to define a vendor-managed warehouse. You can easily define a vendor-managed warehouse by creating a new warehouse and assigning the vendor account. To document that material must be transferred to the vendor before an operation can be performed, you should allocate the vendor-managed warehouse to the input warehouse of the resource group that holds the resource."

"Configure a subcontracted work cell. To configure a work cell as subcontracted, you must create a resource of the Vendor type and associate it with the work cell (resource group)."

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/activity-based-subcontracting>

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/manage-subcontract-work-production>

upvoted 1 times

  **griffin1212** 9 months ago

Create a production flow transfer activity and specify the vendor warehouse as the target warehouse. => The transfer activity is when the shipment is managed by vendor, but shipment is not mentioned here, should be process activity (painting operation).

Answer is No

upvoted 2 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. A manufacturing plant uses Lean processes. You plan to outsource a painting operation to a subcontracting vendor. You create a service item named SP-01 to represent the painting service.

You need to create a subcontracting activity for the painting service.

Solution:

Create a purchase agreement for the subcontracting vendor and add SP-01 as the painting service.

Create a vendor resource then create a work cell for outsourced painting and add the resource to the work cell.

Create a production flow process activity for the painting work cell and add the component to be painted as a picking activity.

Create a service term to tie the purchase agreement to the activity.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

Community vote distribution

B (100%)

  **globeearth** 1 month, 1 week ago

**Selected Answer: B**

Mentions adding the "component to be painted as a picking activity," which is unclear. In Lean manufacturing, the component to be painted would typically be part of a Kanban or production flow, and the picking activity would involve the service item (SP-01) or materials consumed. This step could be misinterpreted but doesn't fundamentally break the solution.

Fit: This solution is mostly correct and aligns well with Lean subcontracting processes, though the wording around the picking activity could be clarified.

upvoted 1 times

  **Tonheidie** 11 months, 3 weeks ago

**Selected Answer: B**

Correct, No -> not the component but the service item should be added to the activity otherwise the service term could not be tied.

upvoted 2 times



Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. A manufacturing plant uses Lean processes. You plan to outsource a painting operation to a subcontracting vendor. You create a service item named SP-01 to represent the painting service.

You need to create a subcontracting activity for the painting service.

Solution:

Create a purchase agreement for the subcontracting vendor that contains the pricing information for SP-01.

Create a vendor resource and a work cell for outsourced painting, then add the resource to the work cell.

Create a production flow process activity using the painting work cell and the service item as the picking activity.

Create a service term on the activity to tie the purchase agreement to the activity.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: A**

Community vote distribution

A (100%)

 **globeearth** 1 month, 1 week ago


**Selected Answer: A**

A is the best fit because it more explicitly ties the service item (SP-01) to the process activity, even though the "picking activity" terminology is not entirely accurate. The overall structure is robust, and the minor terminology issue does not significantly detract from its correctness in the context.

Pros: Includes a purchase agreement with pricing for SP-01, establishing clear contractual and cost details. Correctly sets up a vendor resource and work cell for the subcontracted painting operation. Uses a process activity in the production flow, which is the correct approach for modeling a subcontracted service in Lean manufacturing.

Explicitly incorporates the service item (SP-01) in the process activity, accurately representing the painting service. Links the purchase agreement to the activity via a service term, ensuring integration of pricing and terms.

upvoted 1 times

 **GiSi1965** 9 months, 2 weeks ago

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/activity-based-subcontracting>

upvoted 1 times

 **Tonheidie** 11 months, 3 weeks ago

Correct;

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/supply-chain/production-control/activity-basedsubcontracting>

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/activity-basedsubcontracting#subcontracted-process-activities>

upvoted 3 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A manufacturing company has a new speaker that is available with standard and premium carbon fiber options.

For the premium option, speakers are made to order. Customers can choose from seven product attributes at different prices.

You need to create and configure the product and pricing for the new speaker.

Solution: Create a constraint-based product with configurations. Use a price model to calculate the different configurable option costs.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

*Community vote distribution*

A (100%)



  **globeearth** 1 month, 1 week ago

**Selected Answer: A**

dimension-based configurations rely on predefined product dimensions (e.g., color, size, style) to create variants. These are typically simpler and best for products with a limited, fixed set of variations that don't require complex rules or dependencies. For example, if the speaker only had standard and premium carbon fiber as straightforward options without additional customizable attributes, dimension-based configurations might suffice.

Constraint-based product configurations are designed for such scenarios, as they: Allow for defining complex rules and constraints to govern how attributes can be combined. Support dynamic pricing through a price model, accommodating the varying costs of the seven attributes. Enable a made-to-order process by generating unique configurations based on customer selections.

upvoted 1 times

  **MrLulex** 11 months, 2 weeks ago



Maybe, only because it is not mention that is product master, just product. But if we ignore that, the solution is good

upvoted 1 times

  **MFool** 1 year ago

Any reason to be Answer B? If not I will go with A.

upvoted 1 times

  **Kechka** 1 year, 7 months ago

Correct answer A

upvoted 4 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company implements Dynamics 365 Supply Chain Management and configures the system to support process manufacturing.

The company manufactures pain-relieving lotions. Several of the primary ingredients are delivered at different concentrations depending on the ingredient and vendor. IngredientA is the primary active ingredient in the lotion. IngredientB is used as a compensating ingredient.

You need to ensure that the system is set up to support the manufacturing process.

Solution: Create a dimension-based product master with variants and use the trade agreements to specify the different pricing.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: A**

Community vote distribution



B (100%)

  **globeearth** 1 month, 1 week ago

**Selected Answer: B**

A dimension-based product master with variants (e.g., using configuration, size, or batch dimensions) can handle different concentrations of IngredientA and IngredientB by creating variants for each concentration level. Trade agreements allow specifying vendor-specific pricing for each variant. This approach is suitable for managing inventory and pricing differences but does not directly address the formulation or recipe adjustments needed for process manufacturing, such as how IngredientB compensates for IngredientA's concentration variations in the lotion formula. Fit: Partially suitable for inventory and pricing but lacks direct support for formula adjustments.

upvoted 1 times

  **Igv0000** 2 months, 2 weeks ago

**Selected Answer: B**

I also think the correct answer is B...nothing states that there are multiple variants of a product, the only mention here is of batch specific bath attributes which can be handled through active ingredients and compensating logic...

upvoted 1 times

  **Deetss** 8 months, 3 weeks ago

**Selected Answer: B**

I think this should be "B", No. Dimension-based configurations must use BOMs which would prevent us from using Active/Compensating ingredient type assignments which is limited to formulas. (This question is part of set: 54, 55, 131, 132, & 133)

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/product-information#configuration-technologies>

upvoted 1 times

  **Deetss** 8 months, 3 weeks ago

Also, #82 is part of this question set. See #82 for what looks to be the correct answer.

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company implements Dynamics 365 Supply Chain Management and configures the system to support process manufacturing.

The company manufactures pain-relieving lotions. Several of the primary ingredients are delivered at different concentrations depending on the ingredient and vendor. IngredientA is the primary active ingredient in the lotion. IngredientB is used as a compensating ingredient.

You need to ensure that the system is set up to support the manufacturing process.

Solution: Create a dimension-based product with configurations. Use a price model to calculate the different configurable option costs.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

Community vote distribution

B (100%)



  **globeearth** 1 month, 1 week ago

**Selected Answer: B**

This solution uses product configurations (e.g., via Product Configurator) to define IngredientA and IngredientB with different concentration levels. A price model can calculate costs based on selected configurations. While this supports inventory and cost management, it is more suited for discrete manufacturing with configurable products (e.g., assemble-to-order scenarios) rather than process manufacturing, where formulas and recipes are critical for defining ingredient proportions dynamically.

Fit: Less suitable, as product configuration is not ideal for managing process manufacturing formulas.

upvoted 1 times

  **Deetss** 8 months, 3 weeks ago

**Selected Answer: B**

B, No, is correct. Dimension-based configurations must use BOMs which would prevent us from using Active/Compensating ingredient type assignments which is limited to formulas. (This question is part of set: 54, 55, 131, 132, & 133)

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/pim/product-information#configuration-technologies>

upvoted 1 times

## DRAG DROP -

You are the quality assurance manager of a pharmaceuticals company.

One of your customers has requested to only receive batches of item B0001 that have an acid concentration between 5.5 – 10.5 percent.

You need to set up the customer specific batch attribute to track percent acid for B0001.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions****Answer Area**

Define acid as a product-specific batch attribute on item B0001.

Create a batch attribute of type string.

Define the allowable acid percentage-based attribute enumeration values.

Add the customer-specific batch attribute on item B0001 for the customer and configure the range to 5.5 to 10.5.

Create a batch attribute, acid, of type fraction.

**Answer Area**

Create a batch attribute, acid, of type fraction.

**Suggested Answer:**

Define acid as a product-specific batch attribute on item B0001.

Add the customer-specific batch attribute on item B0001 for the customer and configure the range to 5.5 to 10.5.

**globeearth** 1 month, 1 week ago

1- Create a batch attribute, acid, of type fraction (E) - The attribute must be created first in the system with the appropriate data type (fraction) to support decimal values for acid concentration. Without this step, there is no "acid" attribute to assign to the item or customer.

2- Define acid as a product-specific batch attribute on item B0001 (A) - it needs to be associated with item B0001 to make it relevant for tracking batches of this specific item. This is done in the Item Batch Attributes setup, linking the attribute to the item.

3- Add the customer-specific batch attribute on item B0001 for the customer and configure the range to 5.5 to 10.5 (D) - the attribute is assigned to the customer in the Customer Batch Attribute settings. This ensures that the system enforces the customer's requirement when selecting batches.

upvoted 1 times

**Tonheidie** 11 months, 3 weeks ago

Correct.

Create the attribute first, then add it as a batch attribute for the item. Finally, configure the range for this item/customer combination.

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/batch-attributes>

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/batch-attributes#assign-batchattributes>

upvoted 3 times

A manufacturer uses Dynamics 365 Supply Chain Management to build bicycles.

When manufacturing releases production orders to the warehouse, the warehouse must avoid automatically releasing the bill of materials (BOM) and formula lines. The BOM and formula lines must be manually released later through a batch process.

You need to configure the functionality for the records.

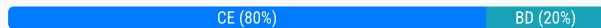
At which two locations should you configure this functionality? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. site
- B. warehouse
- C. production order
- D. legal entity
- E. item model group

**Suggested Answer:** CE

Community vote distribution



**globeearth** 1 month, 1 week ago

**Selected Answer: BD**

1- B. Warehouse: The warehouse settings control the release to warehouse process, including whether BOM and formula lines are automatically released. You can configure the "Release to warehouse rule" for each warehouse to specify that partial or automatic release of order lines is not allowed, Warehouse management > Setup > Warehouse > Warehouses, selecting the warehouse, and setting the Requirement for inventory reservation field to require full reservation or disable automatic release.

2- D. Legal Entity: The Production line release parameter at the legal entity level determines how BOM and formula lines are released for production orders. By setting this parameter to not release BOM and formula lines automatically as part of the production order release, This parameter is found under Production control > Setup > Production parameters.

upvoted 1 times

**globeearth** 1 week, 5 days ago

C. Production order: You can set the "Production line release" parameter on the individual production order to control how BOM and formula lines are released. This allows for manual control or release via a batch job.

D. Legal entity (Production control parameters): Within the Production control module, there's a setting called "Production line release" in the Production parameters. This is a system-wide setting that defines the default behavior for all production orders within that legal entity. By setting this to "Release BOM and formula lines via a batch job or as a manual interaction," you ensure that the automatic release is prevented.

upvoted 1 times

**IlseKH** 8 months ago

**Selected Answer: CE**

agree with Deetss

upvoted 1 times

**Deetss** 8 months, 3 weeks ago

**Selected Answer: CE**

Wrong, from the list of options, the two locations that we can configure this functionality are:

C - from the Production Order screen we can verify each BOM line is set to manual reservation

E - On the Item model group, we can set the "Override Item Production Reservation" to "Yes" & "Manual."

upvoted 3 times

## HOTSPOT -

A company implements Dynamics 365 Supply Chain Management. The company is setting up a production line to make a new product.

The new production line will run three shifts five days a week. Each shift produces 100 widgets. Each machine performs specific functions that represent a sequenced step in the manufacturing process. The process requires the use of a qualified machinist. One of the machinists who floats among machines requires time off for appointments every Tuesday and Thursday afternoon.

You must be able to track the availability of the floating worker and each machine, as well as schedule production orders for the new line based on capacity to perform the work.

You need to configure the route.

Which configuration option should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Answer Area

#### Requirement

#### Option

Account for the unique resource requirements of each machine.

▼  
 Capability  
 Competency  
 Route group  
 Resource group

Account for the worker's time off.

▼  
 Leave type  
 Calendar deviations  
 Working times template

### Answer Area

#### Requirement

#### Option

Suggested Answer:

Account for the unique resource requirements of each machine.

▼  
 Capability  
 Competency  
 Route group  
 Resource group

Account for the worker's time off.

▼  
 Leave type  
 Calendar deviations  
 Working times template

 **MEK93** Highly Voted 7 months, 1 week ago

I think the first one should be Capability because it asks for the unique requirements of each machine. A resource group contains several resources.  
upvoted 8 times

 **globeearth** Most Recent 1 month ago

- 1: A. Capability - capabilities are used to define the specific abilities or characteristics of a resource (such as a machine) required to perform a particular operation in the manufacturing process. Each machine in the production line has specific functions for sequenced steps, so assigning capabilities to each machine allows you to define and track their unique resource requirements.
  - 2: B. Calendar deviations - calendar deviations are used to account for exceptions to a worker's standard working schedule, such as time off for appointments. By configuring calendar deviations, you can specify that the floating machinist is unavailable on Tuesday and Thursday afternoons, ensuring that production orders are scheduled around their availability.
- upvoted 1 times

 **dkh2207** 7 months, 1 week ago

the first one is capacity  
upvoted 2 times

## DRAG DROP -

A manufacturer uses route operations and job scheduling. You use a unique calendar for a conveyor line.

The company observes a decrease in the number of hours a conveyor line resource is operational due to breakdowns. You must make a temporary change to the number of hours the resource is available.

You need to adjust the efficiency percentage for the conveyor line calendar.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

## Answer Area

## Actions

Select the calendar related to the resource.

Create a new working time template.

Apply the new template to the resource's calendar.

Select working times.

Change the efficiency percentage on the days that need the change.

Update the runtime on the routes that use the resource.



## Actions

Create a new working time template.

## Suggested Answer:

Change the efficiency percentage on the days that need the change.

Apply the new template to the resource's calendar.

**Yugene** Highly Voted 1 year, 7 months ago

I think 145 is the correct answer.

The question says that it is a unique calendar for the conveyor belt.

upvoted 7 times

**Tonheidie** 1 year, 5 months ago

I Agree. The question is about a temporary change, so it should not necessary to create a new working time template. meaning;

1. Select the calendar related to the resource

4. Select working times

5. Change the efficiency percentage on the days that need the change

upvoted 7 times

**globeearth** Most Recent 1 month ago



-> Select the calendar related to the resource (A): Navigate to the calendar associated with the conveyor line resource in Dynamics 365. This is typically found in the Resource management or Production control module, where you can access the working time calendar assigned to the resource.

-> Select working times (D): Open the working times section within the selected calendar to view the defined working periods and their associated efficiency percentages.

-> Change the efficiency percentage on the days that need the change (E): Adjust the efficiency percentage for the specific days affected by the reduced operational hours. This change directly impacts the resource's capacity without altering the base hours or creating a new template.

upvoted 1 times



  **4cc52dd** 9 months, 2 weeks ago

"You need to adjust the efficiency percentage for the conveyor line calendar"

It does not say create a new working time template. It specifically says to adjust the efficiency percentage. Creating a new working times template would take much longer IMO. Changing the efficiency percentage would be a temporary adjustment that could easily be changed back later.



upvoted 1 times

  **Gamz101** 10 months ago

I agree with the answer provided, it is correct. It is quick and makes more sense.



Yugene choosing 145 is a tedious exercise.

upvoted 1 times

  **LOR\_19** 1 year, 5 months ago

I agree 316 is correct.

upvoted 1 times

  **Kechka** 1 year, 7 months ago

Sequence 316 is correct

upvoted 1 times

You are a process engineer evaluating Lean vs. Discrete processing. You want to convert a Kanban item.

This item has the following Lean setup:

The setup uses a Lean schedule group with a throughput ratio = 2.

The process activity tied to production flow has the following runtime activity times: time = 3 min, per quantity = 1.

The work cell capacity has a model type of Throughput and an average throughput quantity of 60 per a capacity period of standard workday (8 hour day).

The throughput is 10 per hour.

You need to set up a Discrete operation to mirror the item's production flow activity.

What should you do?

- A. Create a route with a runtime = 6, a process quantity = 1, and the operation's hours/time = 1.
- B. Create a route with a runtime = 6, a process quantity = 1, and the operation's hours/time = 0.0167 (e.g. 1 hour/60 minutes).
- C. Create a route with a runtime = 1, a process quantity = 6, and the operation's hours/time = 0.0167 (e.g. 1 hour/60 minutes).
- D. Create a route with a runtime = 1, a process quantity = 1, and the operation's hours/time = 0.0167 (e.g. 1 hour/60 minutes).

**Suggested Answer: B**


Community vote distribution

B (100%)

 **CCexamn** 11 months ago

Also similar to #138

upvoted 1 times

 **Deetss** 11 months, 3 weeks ago

**Selected Answer: B**

I believe the answer is "B." Throughput ratio of 2 indicates product consumes two resources, in other words runtime  $3\text{min} \times 2 = 6\text{min}$  for process quantity of 1. Since our runtime is in minutes, the operation hours/time must be 0.0167.

<https://learn.microsoft.com/en-us/training/modules/set-up-use-discrete-manufacturing-routes/create-operations-relations#throughput-ratio-link>:

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/define-lean-schedule-groups#associate-product>

upvoted 1 times

 **juan1603** 1 year ago

Same Question than Question #86 of Topic 1 with other answer.

upvoted 1 times

A company that makes artisan chocolate is implementing Dynamics 365 Supply Chain Management.

To safeguard the quality of its ingredients, the company limits recipe substitutions of its chocolates.

Its top-selling chocolate bar must contain 20 percent sugar. The sugar can be obtained from either cane or beet sugar depending on supply at the time of production.

The system must be able to automatically substitute the appropriate sugar items when generating production orders to meet the quality level of sugar even when the preferred concentration of cane sugar is out of stock.

You need to configure the system.

Which three components must you configure? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Formula lines
- B. Priority
- C. Item allocation key
- D. Plan group
- E. Item model group
- F. BOM lines

**Suggested Answer:** ABD

Community vote distribution

ABD (100%)

 **globeearth** 1 month ago


**Selected Answer:** ABD

Formula lines (A) – These define the recipe's composition, allowing the system to manage ingredient variations such as substituting cane sugar with beet sugar while maintaining the required 20% sugar content.

Priority (B) – Priorities help determine the order in which substitutions occur. If cane sugar is unavailable, the system must automatically use beet sugar based on predefined priority settings.

Plan group (D) – Plan groups facilitate planning and substitution processes within formulas, ensuring ingredient flexibility while adhering to the recipe's constraints.

upvoted 1 times

 **Deetss** 11 months, 1 week ago

ABD is correct: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/substitute-items-bom-lines#substituting-material-by-planning>

upvoted 3 times

## DRAG DROP -

A manufacturing company is implementing Dynamics 365 Supply Chain Management.

Bill of materials (BOM) calculations are typically based on the item cost price. For a subset of items, the trade agreement price must be used in calculations. If a trade agreement does not exist, the purchase price must be used.

You need to set up the BOM calculations for the items by using the fewest configurations.

Which configurations should you use? To answer, drag the appropriate configurations to the correct requirements. Each configuration may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Answer Area

Configurations	Requirement	Configuration
Alternative cost price	Calculate items based on item cost price.	
Default calculation group on released products.	Calculate items based on trade agreement price.	
Default calculation group on inventory management parameters	Calculate purchase price as a default price.	

### Answer Area

	Requirement	Configuration
Suggested Answer:	Calculate items based on item cost price.	Default calculation group on released products.
	Calculate items based on trade agreement price.	Default calculation group on inventory management parameters
	Calculate purchase price as a default price.	Alternative cost price

 **globeearth** 1 month ago

- 1: Calculate items based on item cost price → C. Default calculation group on inventory management parameters The inventory management parameters define the default settings for cost price calculations.
  - 2: Calculate items based on trade agreement price → B. Default calculation group on released products Using the default calculation group at the released product level ensures that trade agreement prices are applied where applicable.
  - 3: Calculate purchase price as a default price → A. Alternative cost price When a trade agreement does not exist, the purchase price can be used as the fallback alternative cost price.
- upvoted 1 times

 **IlseKH** 7 months, 2 weeks ago

1. Default calculation group on inventory management parameters (because its standard)
  2. .... on released product (because its only valid for a few items)
  3. alternative cost price = alternate cost price model can be set in the calculation group.
- upvoted 2 times

A customer produces light projection toys for holiday decorations throughout the year. The production process creates the projection toy at the following work cells: stands, main assembly, electric, visuals, and packaging.

Vendors must create templates for each toy they produce each season. They must manage the transfer of templates to the warehouse. Each transfer for each vendor must use the same purchase agreement.

You need to configure the subcontracted transfer activity.

What should you do?

- A. Set the transfer activity Freight by value to Shipper. Ensure that purchase agreements include the vendor ID of the vendor.
- B. Set the transfer activity Freight by value to Carrier. Ensure that purchase agreements include the vendor ID of the warehouse.
- C. Set the transfer activity Freight by value to Recipient. Ensure that purchase agreements include the vendor ID of the warehouse.
- D. Set the transfer activity Freight by value to Recipient. Ensure that purchase agreements include the vendor ID of the vendor.
- E. Set the transfer activity Freight by value to Shipper. Ensure that purchase agreements include the vendor ID of the warehouse.
- F. Set the transfer activity Freight by value to Carrier. Ensure that purchase agreements include the vendor ID of the warehouse.

**Suggested Answer: C**

Community vote distribution

C (100%)

  **globeearth** 1 month ago

**Selected Answer: C**

The given answer seems to be correct. In Lean manufacturing, warehouse represents the vendor.

upvoted 1 times

  **Angieline** 1 year ago

I would choose E. The key word is "To the warehouse" which means it is referring to Shipper.

upvoted 1 times

  **Angieline** 1 year ago

Oh, it must be Recipient (keyword is "To the warehouse"). See link: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/activity-based-subcontracting>

upvoted 2 times

  **kiio104** 1 year ago

Should be E : Shipper ? as it said " They must manage the transfer of templates to the warehouse."

upvoted 1 times

  **Tonheidie** 1 year, 5 months ago

Correct;

Subcontracted transfer activities. A transfer activity is configured as a subcontracted activity, depending on the Freight by setting of the transfer activity. The following options are available:

- Shipper – The activity is subcontracted if the transfer from the warehouse is managed by a vendor (as defined by a property of the warehouse). All selected purchase agreements for services must have the same vendor ID as the warehouse.
- Recipient – The activity is subcontracted if the transfer to the warehouse is managed by a vendor (as defined by a property of the warehouse). All selected purchase agreements for services must have the same vendor ID as the warehouse.
- Carrier – The activity is subcontracted to any vendor that provides the service. To be valid, a carrier must be created for warehouse management and must have an assigned vendor account.

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/supply-chain/production-control/activity-basedsubcontracting#subcontracted-transfer-activities>

upvoted 3 times

## HOTSPOT -

A candy manufacturer uses Dynamics 365 Supply Chain Management.

A master planning run needs to prioritize the production jobs for fruit snacks by flavor and color every 16 days.

You need to configure the appropriate parameters in the coverage group.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.


**Answer Area**

Field	Configuration
Time fence	<div><div></div><div>Sequencing Capacity Forecast plan</div></div>
Period type	<div><div></div><div>Day Week Month Quarter</div></div>

**Answer Area**

**Suggested Answer:**

Field	Configuration
Time fence	<div><div></div><div>Sequencing <b>Capacity</b> Forecast plan</div></div>
Period type	<div><div></div><div><b>Day</b> Week Month Quarter</div></div>

 **dkh2207** Highly Voted 1 year, 1 month ago

The key here is Priority, it should be Sequencing.  
upvoted 9 times

 **MFool** 1 year ago

Agree, it should be Sequencing and Days  
upvoted 5 times

 **globeearth** Most Recent 1 month ago

1- A. Sequencing : Sequencing enables the prioritization of production jobs based on attributes like flavor and color, which is the key requirement here. You can set the Sequencing option to "Yes" in the coverage group and define how far in the future operations or jobs should be sequenced, aligning with the 16-day cadence.

2 - A. Day : None of the options perfectly fit, but A. Day is the most flexible: None of the listed period types (Day, Week, Month, Quarter) directly allow a 16-day period. the "Per period" lot-sizing method in a coverage group combines demand over a defined period, and the "Coverage period" field (in days) lets you specify the exact length, such as 16 days.

upvoted 1 times

You are the production scheduler at a manufacturing company. The company is not using advanced warehousing. You have firmed a planned production order from master planning. The order is ready to be processed. You now need to process the order in production control. What should you do first?

- A. Start the order.
- B. Estimate the order.
- C. Schedule the order.
- D. Report the order as finished.

**Suggested Answer: A**

Community vote distribution

A (80%)

B (20%)

  **MEK93**  1 year, 1 month ago

**Selected Answer: A**

Planned orders must be firmed (that is, released) as part of the master planning process. When planned orders are firmed, they become actual purchase orders, transfer orders, or production orders. These orders are also known as released orders or open orders.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/planned-order-firming>

So A - Start the order is correct here.



upvoted 5 times

  **globeearth**  1 month ago

**Selected Answer: B**

B. Estimate the order.: Before production begins, the Estimate step calculates the expected costs and resource consumption for the order. This ensures accurate financial tracking and provides a clear picture of required materials and operations. The estimation process helps identify potential bottlenecks or constraints before proceeding with scheduling and execution.

upvoted 1 times

  **mondays** 3 months, 3 weeks ago

**Selected Answer: B**

The first step after firming (created) is Estimate

When planned production orders are firmed they have a status 'Created'.

The production lifecycle follows:

Created

Estimated,

Scheduled

Released, Picked

Started, RAF, Ended

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/create-production-orders>

upvoted 1 times

  **juan1603** 1 year ago

**Selected Answer: A**

After firming a planned production order it's set to scheduled status, so you have to start it.

upvoted 3 times

A manufacturer is implementing master planning in Dynamics 365 Supply Chain Management for planned orders.

Master planning is running for the first time in the production environment.

You need to instruct the production planners where to view the following information:

Planned orders that are created in a run.

An item's planned orders against the demand over user-defined periods of time.

In which two possible locations can the information be found? Each correct answer presents a complete solution,

NOTE: Each correct selection is worth one point.

- A. Sequenced planned orders
- B. Net requirements form
- C. Supply Schedule form
- D. Item requirement statistics
- E. Planned orders

**Suggested Answer: BE**

*Community vote distribution*



**globeearth** 1 month ago

**Selected Answer: BC**

B. Net requirements form: This form shows planned orders for an item and how they offset demand, with options to view data over user-defined time periods (e.g., via time fences or period aggregation). C. Supply Schedule form: This form displays planned orders from the master planning run and allows viewing supply and demand (including planned orders) over user-defined time periods in a configurable, time-phased format. why not E? The Planned orders form (found under Master planning > Planned orders) lists all planned orders generated during a master planning run. It shows details such as item numbers, quantities, and due dates for planned orders created in a run, satisfying the first requirement. However, it does not inherently provide a time-phased view of planned orders against demand over user-defined periods

upvoted 1 times

**Igv0000** 2 months, 2 weeks ago

**Selected Answer: CE**

User defined period leads me to believe it is Supply schedule. I agree with the Planned order. so for me it is C and E

upvoted 1 times

**d3908c8** 5 months, 4 weeks ago

**Selected Answer: AC**

"user-defined periods of time" only A and C key is periods - no period

upvoted 1 times

**CCexamn** 7 months ago

**Selected Answer: CE**

I do not think B is correct - you cannot see your "demand over user-defined periods of time" in the net requirements form - I will go with C - supply schedule form (also what Perplexity says)

upvoted 2 times

**juan1603** 1 year ago

**Selected Answer: BE**

Correct

upvoted 2 times



A product is produced through lean manufacturing. The cleaning and inspection is performed by a contractor as an activity of a production flow. You need to assign the appropriate cost group type for the subcontracted work. Which cost group type should you use?

- A. Undefined
- B. Direct outsourcing
- C. Direct manufacturing
- D. Direct material
- E. Indirect

**Suggested Answer:** B

*Community vote distribution*

B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

The correct cost group type to assign for subcontracted work in lean manufacturing : B. Direct outsourcing. Subcontracted activities, such as cleaning and inspection performed by an external contractor, fall under direct outsourcing costs. This cost type captures expenses related to third-party services integrated into the production flow. Unlike direct manufacturing, which applies to internal production labor and machine costs, direct outsourcing correctly categorizes costs incurred by external vendors or contractors. This ensures accurate cost tracking and financial management within the lean manufacturing process.

upvoted 1 times

## DRAG DROP -

A company has manufacturing sites that process different types of production orders using highly specialized equipment.

Released production orders have been processing for an excessive amount of time while the system tries to find a variable route that conforms to the constraints specified in the system.

The system must automatically time out if a viable solution is not found after 120 seconds.

You need to configure the automatic timeout.

Which form should you use for each configuration? To answer, drag the appropriate forms to the correct configurations. Each form may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Answer Area

Forms	Configuration	Form
Sites		
Scheduling parameters	For all sites	
Production control parameters	For a specific site	
Inventory and warehouse management parameters		


### Answer Area

	Configuration	Form
Suggested Answer:	For all sites	Scheduling parameters
	For a specific site	Sites

 **globeearth** 1 month ago

1: For all sites → C. Production control parameters - The Production control parameters form allows you to define global production settings, including timeout thresholds for scheduling across all manufacturing sites.

2: For a specific site → B. Scheduling parameters - The Scheduling parameters form enables site-specific configurations for production scheduling.  
upvoted 1 times

 **juapem** 10 months, 1 week ago

There is a for for "Scheduling parameters by site", that should be the option. As an alternative I will go for "Scheduling parameters" in both  
upvoted 3 times

 **MEK93** 1 year, 1 month ago

It can be setup in the Scheduling parameters with the parameter "By company" or "By site". See the form Organization administration > Setup > Scheduling parameters. So in my opinion Scheduling parameters is the answer for both.  
upvoted 4 times

## DRAG DROP -

A manufacturing company uses Dynamics 365 Supply Chain Management.

The shop floor has multiple pieces of the same model of equipment. The equipment produces a finished good that requires special handling.

The equipment has a visual guide available. The shop floor manager requires the following:

The most recent visual guide must be available for all pieces of the equipment at the same time.

The shop floor workers must have a visual guide available for handling of the finished good.

You need to configure the visual guides to meet the shop floor requirements.

What should you configure for each requirement? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Answer Area

Features	Requirement	Feature
Released product		
Resource group	Assign a visual guide for the equipment.	
Bill of materials	Assign a visual guide for the finished good.	
BOM version		

### Answer Area


	Requirement	Feature
Suggested Answer:		
	Assign a visual guide for the equipment.	BOM version
	Assign a visual guide for the finished good.	Released product

 **globeearth** 1 month ago

1: Assign a visual guide for the equipment → B. Resource group. Since multiple pieces of the same model of equipment are being used, assigning the visual guide at the resource group level ensures that all machines have access to the latest guide simultaneously. This maintains consistency across production equipment.

2: Assign a visual guide for the finished good → A. Released product. The released product level is appropriate because the visual guide relates to handling the finished good. This ensures workers have access to the guide during various stages of production and distribution.

upvoted 1 times

 **BryanSCM** 9 months, 2 weeks ago

"The equipment produces a finished good that requires special handling.", So I would think we are talking about resources. The introduction states that "The shop floor has multiple pieces of the same model of equipment.", so I would think all these pieces of the same model equipment are part of a resource group. If you want the most recent visual guide available for all pieces of the equipment at the same time, I would think you need to assign the visual guide to the resource group and not a BOM version

upvoted 1 times

 **Deetss** 8 months, 3 weeks ago

I agree, Mixed-reality Guides allows for the assignment of visual guides for all options listed.

#1: resource group

#2: released product

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/instruction-guides-in-production-overview#resource-groups>

upvoted 1 times

A company uses distributed hybrid topology within their Dynamics 365 Supply Chain Management system.

The company rents a distribution warehouse space located within a major US port. The company requires an operational cloud scale unit for the distribution warehouse

You need to set up the operational cloud scale unit.

Which three types of transactions will you be able to create within the warehouse? Each correct answer presents a complete solution,

NOTE: Each correct selection is worth one point.

- A. Transfer order for goods to other company locations
- B. Receipt of goods
- C. New load during wave execution
- D. Purchase return order
- E. Advance ship notice

**Suggested Answer:** ABC

Community vote distribution

ABC (83%)

ABD (17%)


 **globeearth** 1 month ago

**Selected Answer: ABD**

I go with ABD. The purpose of cloud scale unit is the offline support. why not C & E?

C. New load during wave execution is not supported - Wave processing in the warehouse execution workload creates warehouse work (e.g., picking and packing) for sales and transfer orders. However, the documentation indicates that creating new loads during wave execution is typically part of the wave processing configuration managed in the cloud hub, not directly on the scale unit. E. Advance ship notice (ASN) requires internet connection be design.

upvoted 1 times

 **MaxonCat** 8 months, 4 weeks ago

**Selected Answer: ABC**

Should be ABC, correct


upvoted 2 times

 **4cc52dd** 9 months, 2 weeks ago

**Selected Answer: ABC**

Agree with BryanSCM


upvoted 3 times

 **BryanSCM** 9 months, 2 weeks ago

Not sure why Advance Ship Notice (ASN) is answered as that is typically used to provide detailed information about a pending shipment, allowing the receiving party to prepare for the arrival of goods. However, it is not a transaction that you create directly within the warehouse management system like the others listed. I would say:

- Transfer order for goods to other company locations
- Receipt of goods
- New load during wave execution

upvoted 4 times

 **4cc52dd** 9 months, 2 weeks ago

Agreed

<https://learn.microsoft.com/en-us/dynamics365-release-plan/2021wave1/finance-operations/dynamics365-supply-chain-management/warehouse-execution-scale-units-cloud>

upvoted 1 times

## HOTSPOT -

A company uses Dynamics 365 Supply Chain Management.

The company plans to use the Asset management module to maintain its installed base of milling machine fixtures.

The module must be configured to handle the following requirements:

An oil sampling must be taken from each machine at regular intervals.

All calibration types (tooling, instrumentation, and tolerances) that share a required performance skillset must be managed together.

The company is unable to perform in-house preventive maintenance skills on the pneumatic tapping machines. Therefore, the company hires outside services for it.

All maintenance must be scheduled at the same time for efficiency and cost savings.

You need to configure the system.

Which option should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Answer Area

Requirement	Option
Oil sampling	<div>▼</div> <div> Maintenance job type  Maintenance request type  Maintenance job type category </div>
Calibration types	<div>▼</div> <div> Maintenance request type  Maintenance job type variant  Maintenance job type category </div>
Preventive maintenance on pneumatic tapping machines	<div>▼</div> <div> Maintenance round  Condition assessment  Work order lifecycle state </div>

### Answer Area

Requirement	Option
Oil sampling	<div>▼</div> <div> Maintenance job type  Maintenance request type  Maintenance job type category </div>
Calibration types	<div>▼</div> <div> Maintenance request type  Maintenance job type variant  Maintenance job type category </div>
Preventive maintenance on pneumatic tapping machines	<div>▼</div> <div> Maintenance round  Condition assessment  Work order lifecycle state </div>

Suggested Answer:

 **globeearth** 1 month ago

1: Oil sampling → A. Maintenance job type = Maintenance job types define specific tasks that need to be executed at regular intervals, such as oil sampling. This ensures standardized scheduling and execution of routine maintenance activities.

2: Calibration types → C. Maintenance job type category = Job type categories group similar tasks that share skill sets and requirements, such as tooling, instrumentation, and tolerance calibrations. This helps optimize resource allocation and scheduling.

3: Preventive maintenance on pneumatic tapping machines → A. Maintenance round. = Since the company outsources preventive maintenance, using maintenance rounds ensures systematic scheduling of multiple maintenance jobs at the same time for efficiency.

upvoted 1 times

 **Angieline** 1 year ago

correct: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/asset-management/setup-for-work-orders/job-groups-and-job-types-variants-trades-and-checklists>

upvoted 2 times

A company produces homeopathic lotions for pain relief. The lotions use a combination of ProductA and ProductB. ProductA is the primary ingredient. You use ProductB to adjust the concentration of active ingredients in the lotion. ProductC represents the remainder.

You need to ensure that the lotion final product has a consistent concentration of anti-inflammatory agents.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Set the formula line type of ProductA to Compensating.
- B. Set the formula line type of ProductB to Compensating.
- C. Set the formula line type of ProductB to Active.
- D. Set the formula line type of ProductC to None.
- E. Set the formula line type of ProductA to Active.

**Suggested Answer:** BE

*Community vote distribution*

BE (100%)

 **globeearth** 1 month ago

**Selected Answer: BE**

B. Set the formula line type of ProductB to Compensating - Since ProductB is used to adjust the concentration of active ingredients, marking it as Compensating ensures that its quantity varies to balance the formula. This allows adjustments to maintain a consistent potency of active components.

E. Set the formula line type of ProductA to Active- ProductA is the primary ingredient, and marking it as Active ensures that it serves as the base for the lotion's anti-inflammatory properties. The system will calculate ingredient needs based on its active presence.

upvoted 1 times

 **Angieline** 1 year ago

Refer to this: <https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/define-an-active-ingredient-in-a-formula-line>

upvoted 2 times

A company uses Dynamics 365 Supply Chain Management.

Due to supply chain issues, the bill of materials (BOM) for finished goods requires substitute products and subcomponent redesign. The engineering team must update the product designs and release to the companies. The products already exist and are not currently configured for version control on transactions.

You need to configure the solution.

Which three actions should you perform? Each correct answer presents a partial solution.

NOTE: Each correct selection is worth one point.

- A. Enable version tracking on transactions.
- B. Run the Convert to engineering product wizard.
- C. Use the automation solution template.
- D. Enable engineering change management.
- E. Enable change management on existing products.

**Suggested Answer:** BDE

Community vote distribution


BDE (100%)

 **globeearth** 1 month ago

**Selected Answer:** BDE

=> Enable engineering change management (D): This activates the Engineering Change Management module, enabling features like version control, engineering change orders, and product release across companies. => Run the Convert to engineering product wizard (B): This converts existing products into engineering products, enabling version control for their BOMs and routes. => Enable change management on existing products (E): This ensures that existing products are set up for engineering change management, either through the wizard or manual configuration, allowing versioned BOM updates and change order processes.

upvoted 1 times

 **MEK93** 7 months ago

correct

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/engineering-change-management/change-management-existing-products>

upvoted 3 times



A client uses Kanban rules to plan, track, and process requirements that are based on production flows. You need to replenish requirements that are calculated by master planning. Which replenishment strategy should you use?

- A. Event
- B. Automatic planning quantity
- C. Fixed quantity
- D. Scheduled

**Suggested Answer: D**

*Community vote distribution*

D (100%)

  **globeearth** 1 month ago

**Selected Answer: D**

Scheduled kanban rules replenish requirements that are calculated by master planning. Master planning generates planned kanbans that can be firmed to kanbans.

upvoted 1 times

  **MEK93** 7 months ago

correct

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/lean-manufacturing-overview>

upvoted 3 times

## DRAG DROP -

A manufacturing company is implementing Dynamics 365 Supply Chain Management.

You have a bill of materials (BOM) for each finished good. Finished goods may have subcontracted operation steps.

You need to configure the BOM lines.

What should you configure? To answer, drag the appropriate configurations to the correct requirements. Each configuration may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

### Answer Area

Configurations	Requirement	Configuration
BOM version		
Phantom BOM	Explode sub-BOMs automatically.	
Vendor line type	Set up subcontracted operations.	
Pegged supply line type		

### Answer Area

	Requirement	Configuration
Suggested Answer:	Explode sub-BOMs automatically.	Phantom BOM
	Set up subcontracted operations.	Vendor line type

 **globeearth** 1 month ago

1- B. Phantom BOM: A phantom BOM is a BOM line type used for subassemblies that are not stocked as finished items but are produced and consumed immediately within the parent production process. When a BOM line is set to "Phantom," the sub-BOM is automatically exploded during production order creation

2- C. Vendor line type: The vendor line type is used on BOM lines to indicate that a component or operation is provided by an external vendor, typically for subcontracting. When a BOM line is set to "Vendor," Dynamics 365 generates a purchase order for the subcontracted service or component during production order processing, linking it to the production order.

upvoted 1 times

 **Angieline** 1 year ago

Correct

<https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-line-types>

upvoted 3 times

 **MFool** 1 year ago

Should not be Pegged supply - to explote sub-boms and Vendor line (correct)

upvoted 2 times

 **MFool** 1 year ago

Never mind, correct. Phantom and vendor.

upvoted 2 times

## HOTSPOT -

A customer produces light projection toys for holiday decorations throughout the year. Because holidays vary by region and time of year, the company wants to implement Lean manufacturing

The production process creates the toys at the following work cells: stands, main assembly, electric, visuals, and packaging.

You need to implement the production process.

Which configuration options should you use? To answer, select the appropriate configuration options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

Requirement	Configuration option
Each work cell must implement a lean replenishment strategy.	<div>▼</div> <div>production flow</div> <div>vendor workflow</div> <div>customer workflow</div> <div>purchase requisition workflow</div>
The process must move products from one work cell to another.	<div>▼</div> <div>transfer activity</div> <div>process activity</div> <div>service order activity</div> <div>activity diagram</div>
The process must include the assembly of components from previous work cells to add value.	<div>▼</div> <div>process activity</div> <div>transfer activity</div> <div>service order activity</div> <div>activity diagram</div>
The process must provide the ability to improve the overall process by tracking the takt time.	<div>▼</div> <div>production flow version</div> <div>production flow</div> <div>vendor workflow</div> <div>customer workflow</div>

## Answer Area

Requirement	Configuration option
Each work cell must implement a lean replenishment strategy.	<div>▼</div> <div>production flow</div> <div>vendor workflow</div> <div>customer workflow</div> <div>purchase requisition workflow</div>
The process must move products from one work cell to another.	<div>▼</div> <div>transfer activity</div> <div>process activity</div> <div>service order activity</div> <div>activity diagram</div>
The process must include the assembly of components from previous work cells to add value.	<div>▼</div> <div>process activity</div> <div>transfer activity</div> <div>service order activity</div> <div>activity diagram</div>
The process must provide the ability to improve the overall process by tracking the takt time.	<div>▼</div> <div>production flow version</div> <div>production flow</div> <div>vendor workflow</div> <div>customer workflow</div>

Suggested Answer:

 globeearth 1 month ago



1: A. production flow: A production flow is used to define the structure of a lean manufacturing process, including work cells and their replenishment strategies, such as Kanban replenishment, to ensure efficient material flow and inventory management.

2: A. transfer activity: A transfer activity is used to model the movement of materials or products between work cells or locations in a production flow, ensuring smooth transitions in the lean manufacturing process.

3: : A. process activity: A process activity represents the value-adding steps in the production flow, such as assembling components from previous work cells, which aligns with the lean manufacturing principle of value creation.

4: A. production flow version: A production flow version allows for the configuration and tracking of production flow metrics, such as takt time, which measures the rate of production to meet customer demand, enabling continuous process improvement in lean manufacturing.

upvoted 1 times

  **Deetss** 9 months, 1 week ago

Correct, I find this link helps define each topic's purpose & lean process overview: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/lean-manufacturing-overview#modeling-manufacturing-and-logistics-processes-as-production-flows>

upvoted 1 times

  **Tonheidie** 1 year, 5 months ago

Correct;

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/create-production-flowversion>

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/create-process-activitieslean-manufacturing>

upvoted 3 times

A company is implementing Dynamics 365 Supply Chain Management in their manufacturing environment. The manufacturing process uses formulas to direct material consumption on the batch orders.

During production some items in the formula must be consumed automatically from the production area, while some must be picked with their actual consumption reported on a pick list.

You need to determine which setup method is used for formula lines to allow for the desired mixed method picking processes.

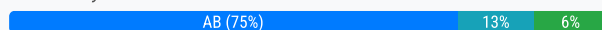
What are two possible ways to achieve this goal? Each correct answer presents a complete solution,

NOTE: Each correct selection is worth one point.

- A. Set the flushing principle on each formula line based on consumption method for the line.
- B. Leave the flushing principle blank on formula lines and set default flushing principle on the items based on consumption method for the item.
- C. Leave the flushing principle blank on formula lines and set resource consumption to direct flushing principle of materials based on consumption method for the line.
- D. Leave the flushing principle blank on formula lines and set the default start value to Always for Automatic Bill of Material Consumption.

**Suggested Answer: AB**

Community vote distribution



**Mamaou** Highly Voted 1 year, 5 months ago

**Selected Answer: AB**

For me it's A and B, A it's the base of the flushing principle functionality. and and it's blank a the formula level, the system takes form the item.

C can't be an answer for me because the resource consumption is used to determine where the raw materials it takes not how.

upvoted 8 times

**globeearth** Most Recent 1 month ago

**Selected Answer: AB**

1- A : the flushing principle on a formula line specifies how materials are consumed for that specific line in a batch order.

2- B : If the flushing principle is left blank on the formula line, Dynamics 365 falls back to the default flushing principle defined for the item in the Item model group or Released product settings.

upvoted 1 times

**griffin1212** 9 months ago

**Selected Answer: AB**

A and B are correct

upvoted 1 times

**MFool** 1 year ago

I will go with A and B.

upvoted 2 times

**LucasK69** 1 year, 3 months ago

**Selected Answer: AD**

Its A/D, The default flushing principle on the production BOM lines.

upvoted 1 times

**GiSi1965** 1 year, 5 months ago

**Selected Answer: AB**

The default flushing principle on the production BOM lines or batch order formula lines is taken from the product or the overridden value on the BOM or formulas.

upvoted 2 times

**LOR\_19** 1 year, 5 months ago

**Selected Answer: AC**

A and C is correct. They asked for metod used for formula lines.

upvoted 1 times

  **Tonheidie** 1 year, 5 months ago

**Selected Answer: BC**

The hierarchy starts at the released product, where the flushing principle has the value Start. On the bill of materials (BOM) or formula line, the flushing principle from the product can be overridden. The default flushing principle on the production BOM lines or batch order formula lines is taken from the product or the overridden value on the BOM or formulas. (So the answer A takes 'more time', therefor I think this B over A)

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/flushing-principles>

upvoted 2 times

A customer produces light projection toys for holiday decorations throughout the year.

You are in the first month of a season. Production flows take one day to complete.

The floor supervisor reports that seasonal production targets will not be met. You review the Kanban schedule board and identify thousands of unplanned jobs.

You need to plan the jobs to be completed two weeks prior to the start of the next season.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Set the Automatic planning option for each unscheduled job to Yes.
- B. Manually schedule each unscheduled job forward from the date of the end of the season.
- C. Manually schedule each unscheduled job to the previous period of the end of the next season.
- D. Set the Automatic planning option for each unscheduled job to No.
- E. Manually schedule each unscheduled job on its due date.
- F. Manually schedule each unscheduled job to the next period of the start of the next season.

**Suggested Answer: AC**

Community vote distribution



**globeearth** 1 month ago

**Selected Answer: AF**

A. to automatically schedule the unplanned Kanban jobs based on system parameters, such as due dates, capacity, and production constraints. By configuring the planning parameters to prioritize completion two weeks before the next season, the system can efficiently schedule jobs to meet the target timeline

F. This involves manually adjusting the schedule of each unplanned job to align with a date two weeks prior to the start of the next season. While time-consuming, this approach gives you precise control over the scheduling process, allowing you to account for specific production needs, resource availability

upvoted 1 times

**Deetss** 10 months ago

**Selected Answer: AE**

A - is correct per: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/visual-scheduling-lean-manufacturing#plan-unplanned-jobs>

E - then seems to be the consensus from below & per: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/lean-manufacturing-kanban-job-scheduling#manual-scheduling>

upvoted 2 times

**LOR\_19** 1 year, 5 months ago

AE - both work with due date

upvoted 3 times

**Tonheidie** 1 year, 5 months ago

**Selected Answer: BE**

I think this is incorrect, and B and E are correct.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/lean-manufacturing-kanban-job-scheduling>

Schedule schedules the selected jobs according to their due date. (This option resembles automatic planning.)

Schedule forward from date tries to schedule the selected jobs according to their due date but constrains the result by using the specified earliest start date.

since "Previous period moves the selected scheduled jobs to the start or end of the previous period." will not result in ontime items, since you are still in the first month.

upvoted 2 times

A company uses Dynamics 365 Supply Chain Management.

A piece of machinery that is critical to a production order breaks down during a production order.

The completed quantities of the production order must be shipped. The remaining quantity on the production order needs to be completed once the machinery is fixed.

Negative inventory is not allowed for the items.

You need to resolve the production issue.

What should you do?

- A. Ship the production quantity that is reported as finished.
- B. Cancel the production order and create a new order for the finished quantity.
- C. Split the current production order into two production orders.
- D. End the current production order and create a new order for the remaining quantity

**Suggested Answer: D**

*Community vote distribution*

A (50%)

C (50%)

 **globeearth** 1 month ago

**Selected Answer: C**

C. Split the current production order into two production orders. Splitting the production order in Dynamics 365 allows you to separate the completed quantities from the remaining quantities. You can: Report the completed quantities as finished and ship them to meet customer demand. Leave the remaining quantities in a separate production order, which can be scheduled and completed once the machinery is repaired. This approach avoids negative inventory because only the reported-as-finished quantities are processed for shipping, and the system maintains accurate inventory tracking for the unfinished portion.

upvoted 1 times

 **IlseKH** 7 months, 2 weeks ago

**Selected Answer: A**

i would also say ship what is RAF, that is standard procedure..

you cannot split the order in status "started" so that rules out AnswerC

and answer D seems also problematic as we don't know when the BOM quantity was consumed and so a lot of correction work might have to be done..

upvoted 1 times

 **4cc52dd** 10 months, 1 week ago

The key is "You need to resolve the production issue"

Its already stated that the completed quantities must be shipped.

D is correct.

In order to split the PO, there would have to be a number of conditions that we are not aware of based off of the info given, so the answer can only be D

upvoted 2 times

 **MFool** 1 year ago

shouldn't be A? ship what is RAF

upvoted 4 times



A company uses Process manufacturing for most products and Discrete manufacturing for other products. The company is creating a formula for a new product. The new item will be used to make a name brand product and two generic brand products.

This item has the following requirements:

Production of the name brand and generic products must use the same formula.

The company must produce all three items at the same time.

You need to create a produced item that can make two generic items and one main item.

How should you set up the item?

A. Create the name brand item as a Bills of material production type item.

Add the two generic items on the Bills of material for the name brand product and use line type phantom.

B. Create the name brand item as a formula planning production of type formula.

Create the two generic items as a formula planning production of type formula.

Copy the formula from the name brand item into each of the generic items.

C. Create the name brand item as a Bills of material production type item.

Create the two generic items as a sub-assembly on the Bills of materials for the name brand product.

D. Create a product as the main product and use a planning item production type.

Create the name brand and two generic products as co-products for the planning item.

**Suggested Answer: D**

Community vote distribution

D (100%)

 **Tonheidie** Highly Voted 11 months, 3 weeks ago

**Selected Answer: D**

A and C are incorrect, since it has Bill of Material in the name and not Formula.

B is incorrect, as planning items are not used for the components of a formula. For this scenario, specify the generics as co-products instead.

As they need to be produced at the same time.


upvoted 6 times

 **globeearth** Most Recent 1 month ago

**Selected Answer: D**

A planning item is a virtual item used in process manufacturing to group co-products and by-products produced in a single production run. It serves as a placeholder to define the formula and manage the production of multiple output items. By creating a planning item as the main product, you can define a single formula that represents the production process for all three items (name brand and two generics). The name brand product and the two generic products are set up as co-products of the planning item. Co-products are items produced simultaneously in the same production process, sharing the same formula, which aligns with the requirement to produce all three items at the same time using the same formula.

upvoted 1 times

 **GISi1965** 9 months, 2 weeks ago

Create the name brand product as the main product and use a formula production type. Create the two generic products as co-products as part of the formula for the name brand product. - Co-products within a single formula can work well for process manufacturing. - By defining the name brand product as the main item and including the two generic products as co-products in the same formula, we achieve the desired outcome. - This is the recommended approach, and is most like option D.

upvoted 1 times

A chemical manufacturing company uses Dynamics 365 Supply Chain Management.  
 A batch of material has a quality issue and must be reworked.  
 You need to create the rework order for production.  
 Which three options must be set? Each correct answer presents part of the solution.  
 NOTE: Each correct selection is worth one point.

- A. Pick the reworked inventory after estimation.
- B. Specify the batch number on the batch order.
- C. Set the batch order as a rework batch.
- D. Set the item as a Formula production type.
- E. Reserve the reworked inventory after estimation.

**Suggested Answer:** BCE

Community vote distribution

BCE (100%)

  **globeearth** 1 month ago

**Selected Answer: BCE**

==B. Specify the batch number on the batch order. batch tracking is critical for traceability. You must specify the batch number of the material with the quality issue to link the rework order to the specific defective batch. ==C. Set the batch order as a rework batch. marking the batch order as a "rework" batch distinguishes it from standard production orders. This setting flags the order for special processing, allowing you to define the rework steps, adjust formulas or processes, and track the rework separately for reporting and cost analysis. ==E. Reserve the reworked inventory after estimation. After estimating the rework batch order, reserving the inventory ensures the defective material is allocated to the rework process and not used elsewhere.

upvoted 1 times

  **Deetss** 8 months, 3 weeks ago

Should it be "A" instead of "E"? Documentation states: "You must manually reserve this inventory BEFORE you run estimation."

<https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/create-a-rework-batch-order>


upvoted 2 times

  **griffin1212** 9 months ago

**Selected Answer: BCE**

BCE is correct

upvoted 1 times

  **4cc52dd** 10 months, 1 week ago

**Selected Answer: BCE**

BCE is correct

upvoted 1 times

  **juan1603** 1 year ago

**Selected Answer: BCE**

BCE is correct

upvoted 1 times

  **GiSi1965** 1 year, 3 months ago

**Selected Answer: BCE**

To create a rework order for production in Dynamics 365 Supply Chain Management, you'll need to configure the following options:

Specify the batch number on the batch order (B): When creating a rework order, it's essential to associate it with a specific batch number. This ensures that the rework is tracked accurately and tied to the correct material batch.

Set the batch order as a rework batch (C): Designate the batch order explicitly as a rework batch. This classification helps differentiate it from regular production orders and ensures that it follows the appropriate rework processes.

Reserve the reworked inventory after estimation (E): Reserve the inventory for the rework process once the estimation is complete. This step ensures that the necessary materials are available and prevents conflicts with other production orders.

upvoted 4 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company implements Dynamics 365 Supply Chain Management and configures the system to support process manufacturing.

The company manufactures pain-relieving lotions. Several of the primary ingredients are delivered at different concentrations depending on the ingredient and vendor. IngredientA is the primary active ingredient in the lotion. IngredientB is used as a compensating ingredient.

You need to ensure that the system is set up to support the manufacturing process.

Solution: Create a constraint-based product master with variants. Use the trade agreements to specify the different pricing.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

*Community vote distribution*

A (50%)

B (50%)

  **globeearth** 1 month, 1 week ago

**Selected Answer: B**

Constraint-based configuration is a powerful feature for complex products with many interdependent options, often used in discrete manufacturing (e.g., configuring a car). It allows defining rules to ensure valid combinations of variants. However, for process manufacturing, where the focus is on formulas and batch production, this approach is overly complex and not well-aligned with the need to manage ingredient concentrations within a formula. it focuses on product variants and pricing, not on dynamically adjusting formulas for batch production.

upvoted 1 times

  **Deetss** 8 months, 3 weeks ago

**Selected Answer: A**

I think this solution is correct: we can use constraint-based configuration to assign attributes used for concentration (similar to question #56) and then use trade agreements to establish correct vendor pricing. <https://dynamics-tips.com/trade-agreements/>  
<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/batch-attributes>

This question is part of question set: #54, 55, 82, 131, 132, & 133.

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A client subcontracts production work to a vendor for production operations.

You need to model subcontracting of route operations in production orders.

Solution: Ensure that subcontracting of route operations supports back-flush costing.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

*Community vote distribution*

B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

Back-flush costing is typically associated with lean manufacturing in Dynamics 365, where costs are calculated and allocated after the completion of production activities, often using kanban processes. In the context of production orders, subcontracting involves creating a purchase order for a service product linked to a route operation, with costs allocated to material costs rather than back-flushed. Back-flush costing is more relevant for lean manufacturing scenarios (activity-based subcontracting) rather than traditional production orders, where costs are managed through estimation and purchase orders. This solution is less applicable for standard production order subcontracting

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A client subcontracts production work to a vendor for production operations.

You need to model subcontracting of route operations in production orders.

Solution: Ensure that material routing process is independent of the services procurement process.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

*Community vote distribution*

B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

In lean manufacturing scenarios, Dynamics 365 supports activity-based subcontracting, where the material flow (routing process) is independent of the procurement process for services. This allows asynchronous procurement, where material movements (e.g., kanban jobs) are tracked separately from the purchase of subcontracted services. However, for production orders, the material and service procurement processes are typically linked. A service product (of type Vendor) is included in the Bill of Materials (BOM) and tied to a route operation, generating a purchase order during the production order estimation. This interdependence ensures that material movements and service procurement are synchronized, which is critical for accurate scheduling and cost tracking in production orders.

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A client subcontracts production work to a vendor for production operations.

You need to model subcontracting of route operations in production orders.

Solution: Ensure that the service product is stocked and is part of the Bill of Materials.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: A**

*Community vote distribution*

A (100%)

 **globeearth** 1 month ago

**Selected Answer: A**

For subcontracting route operations in production orders, service product to be defined as a stocked product and included in the BOM with a line type of Vendor. This setup ensures that the service is linked to the specific route operation and vendor, generating a purchase order during the production order estimation process. The stocked service product is used to drive procurement and cost allocation, with costs accounted as material costs. This approach supports first-in, first-out (FIFO) or standard costing methods and aligns with the standard process for managing subcontracted operations in production orders. It also allows for tracking of semi-finished products in work-in-progress (WIP) and proper integration with the Subcontracted work list page for managing material transfers to the vendor. This solution directly addresses the requirement to model subcontracting of route operations in production orders.

upvoted 1 times

You are a process engineer evaluating Lean vs. Discrete processing. You want to convert a Kanban item.

This item has the following Lean setup:

- The setup uses a Lean schedule group with a throughput ratio = 2.
- The process activity tied to production flow has the following runtime activity times: time = 3 min, per quantity = 1.
- The work cell capacity has a model type of Throughput and an average throughput quantity of 60 per a capacity period of standard workday (8 hour day).
- The throughput is 10 per hour.

You need to set up a Discrete operation to mirror the item's production flow activity.

What should you do?

- A. Create a route with a runtime = 6, a process quantity = 1, and the operation's hours/time = 1.
- B. Create a route with a runtime = 1, a process quantity = 6, and the operation's hours/time = 1.
- C. Create a route with a runtime = 10, a process quantity = 6, and the operation's hours/time = 1.
- D. Create a route with a runtime = 6, a process quantity = 1, and the operation's hours/time = 0.0167 (e.g. 1 hour/ 60 minutes).

**Suggested Answer: D**

*Community vote distribution*

D (100%)

🗳️ **CCexamn** 11 months ago

**Selected Answer: D**

Same like #60 and also #138. But in 138 you cant select correct answer????

upvoted 2 times

🗳️ **Deetss** 11 months, 3 weeks ago

**Selected Answer: D**

I believe the answer is "D." Throughput ratio of 2 indicates product consumes two resources, in other words runtime  $3\text{min} \times 2 = 6\text{min}$  for process quantity of 1. Since our runtime is in minutes, the operation hours/time must be 0.0167.

<https://learn.microsoft.com/en-us/training/modules/set-up-use-discrete-manufacturing-routes/create-operations-relations> +throughput ratio link:

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/define-lean-schedule-groups#associate-product>

upvoted 2 times

🗳️ **juan1603** 1 year ago

Same Question than Question #60 of Topic 1 with other answer.

upvoted 1 times



## HOTSPOT

A company produces homeopathic lotions for pain relief and uses Dynamics 365 Supply Chain Management.

Several components used in the production of the pain-relieving lotion and oils have special government-mandated reporting requirements.

You need to ensure the company can provide the appropriate reporting and tracking for these components.

Which parameters should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

## Scenario

An ingredient can be shipped throughout the United States for medicinal uses but cannot be shipped to the state of Texas.

The first shipment with current product safety data sheet (PSDS) of the ingredient must contain a PSDS. The PSDS is valid for one year and must be reviewed every six months.

## Setup parameters

Create an inclusive restricted list for the United States and an exclusive restricted list for Texas.  
Create an exclusive regulated list for Texas and an inclusive restricted list for the United States.  
Create a regulated regional list for Texas.

Set the PSDS validity in days value to 180 and the expiry advice in days value to 180.  
Set the PSDS validity in days value to 365 and the expiry advice in days value to 180.  
Set the PSDS validity in days value to 180 and the expiry advice in days value to 365.

## Suggested Answer:

## Answer Area

## Scenario

An ingredient can be shipped throughout the United States for medicinal uses but cannot be shipped to the state of Texas.

The first shipment with current product safety data sheet (PSDS) of the ingredient must contain a PSDS. The PSDS is valid for one year and must be reviewed every six months.

## Setup parameters

Create an inclusive restricted list for the United States and an exclusive restricted list for Texas.  
Create an exclusive regulated list for Texas and an inclusive restricted list for the United States.  
Create a regulated regional list for Texas.

Set the PSDS validity in days value to 180 and the expiry advice in days value to 180.  
Set the PSDS validity in days value to 365 and the expiry advice in days value to 180.  
Set the PSDS validity in days value to 180 and the expiry advice in days value to 365.

 **globeearth** 1 month ago

1: : A. Create an inclusive restricted list for the United States and an exclusive restricted list for Texas. - An inclusive restricted list for the United States allows the ingredient to be shipped across the country, while an exclusive restricted list for Texas ensures it is blocked from being shipped to that specific state.

2: : B. Set the PSDS validity in days value to 365 and the expiry advice in days value to 180. - the PSDS validity in days determines how long the Product Safety Data Sheet remains valid, which is one year (365 days). The expiry advice in days specifies when a review notification is triggered before the PSDS expires, which is every six months (180 days).

upvoted 1 times

A company uses Process manufacturing for most products and Discrete manufacturing for other products. The company is creating a formula for a new product. The new item will be used to make a name brand product and two generic brand products.

This item has the following requirements:

- Production of the name brand and generic products must use the same formula.
- The company must produce all three items at the same time.

You need to create a produced item that can make two generic items and one main item.

How should you set up the item?

- A. Create the name brand item as a formula planning production of type formula.  
Create the two generic items as a formula planning production of type formula  
Copy the formula from the name brand item into each of the generic items.
- B. Create the name brand item as a Bills of material production type item.  
Create the two generic items as a sub-assembly on the Bills of material for the name brand product.
- C. Create a product as the main product and use a planning item production type.  
Create the name brand and two generic products as co-products for the planning item.
- D. Create the name brand item as a formula planning production type planning item.  
Create the two generic items as a formula planning production type planning items.  
Copy the formula from the name brand item into each of the generic items.

**Suggested Answer: C**

*Community vote distribution*

C (100%)

🗳️ 👤 **globeearth** 1 month ago

**Selected Answer: C**

Create a planning item (a virtual item) with a production type of "Planning item."

Define a formula for the planning item that specifies the ingredients and process for production.

Set up the name brand product and the two generic products as co-products of the planning item. Co-products are items produced simultaneously from the same formula, which meets the requirement to produce all three items at the same time.

In Dynamics 365, the formula for the planning item will list the co-products (name brand and generics) as outputs, with appropriate yield quantities and cost allocations.

upvoted 1 times

🗳️ 👤 **4cc52dd** 10 months, 1 week ago

**Selected Answer: C**

Correct answer is C. Duplicate question

upvoted 1 times

🗳️ 👤 **MrLulex** 11 months, 1 week ago

**Selected Answer: C**

I think it should be C

upvoted 1 times

🗳️ 👤 **MFool** 1 year ago

It should be C. Planning items are not stock items.

upvoted 2 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A manufacturing company produces electronic components and devices.

The company has scheduling issues related to using working time calendars in manufacturing.

You need to ensure that the working time calendar is used when manufacturing jobs are scheduled.

Solution: Disable route groups for a process job type.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

Community vote distribution

B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

Route groups define scheduling and consumption behavior for operations. The "process" job type corresponds to the run time of an operation (the time a resource is actively working on a task). Disabling a route group for process jobs means removing specific scheduling or consumption rules tied to the route group, potentially allowing the system to default to the resource's working time calendar without additional constraints. Relevance: This solution could help if the route group for process jobs is configured to ignore the working time calendar (e.g., by enforcing continuous scheduling). However, it's not a direct guarantee that the calendar will be used, as other settings (e.g., resource or operation configurations) could still interfere.

upvoted 1 times

 **tktktktktk** 10 months, 3 weeks ago

**Selected Answer: B**

Correct answer is B.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/routes-operations>

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A manufacturing company produces electronic components and devices.

The company has scheduling issues related to using working time calendars in manufacturing.

You need to ensure that the working time calendar is used when manufacturing jobs are scheduled.

Solution: Enable route groups for a capacity job type.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: A**

*Community vote distribution*

A (100%)

 **globeearth** 1 month ago

**Selected Answer: A**

Capacity jobs relate to how resource capacity is allocated during scheduling. Enabling a route group for capacity jobs means applying specific scheduling rules defined in the route group, such as reserving capacity based on the resource's calendar or other constraints. Route groups can specify whether capacity is scheduled strictly within the working time calendar. Relevance: This solution is promising if capacity scheduling is the root cause of the issue (e.g., jobs are scheduled without considering resource availability). By enabling a route group that respects the calendar, scheduling should align with working hours.

upvoted 1 times

 **IlseKH** 7 months, 3 weeks ago

super cryptic answer.. in route groups you can tick the box "Working time" for a job type. this function considers the time calendar from the operations resource. so yea maybe this is a Yes..

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A manufacturing company produces electronic components and devices.

The company has scheduling issues related to using working time calendars in manufacturing.

You need to ensure that the working time calendar is used when manufacturing jobs are scheduled.

Solution: Enable automatic consumption of run time.

Does the solution meet the goal?

- A. Yes
- B. No

**Suggested Answer: B**

*Community vote distribution*

B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

Automatic consumption of run time refers to how the system records or consumes the run time (process time) of an operation during production. This setting is typically related to cost accounting and job completion rather than scheduling. It determines whether run time is automatically posted when a job is completed or reported.: This solution is not directly relevant to ensuring the working time calendar is used for scheduling. It addresses a different aspect of the manufacturing process (consumption posting) rather than scheduling logic.

upvoted 1 times

You are the lead product design engineer at a plastics manufacturing company.

You implement a new process that uses a single tool to produce three finished goods at the same time.

You need to set up the planning item number and formula to correctly to manufacture the three items.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create item number for planning item and the associated formula.
- B. Specify each of the finished good items as co-products.
- C. Add minimum and maximum quantities on formula.
- D. Assign co-products to the formula.
- E. Add a coverage group to the formula.

**Suggested Answer:** ABD

*Community vote distribution*

ABD (100%)

  **globeearth** 1 month ago

**Selected Answer:** ABD

=> A. Create item number for planning item and the associated formula. -This is necessary to establish a planning item, which is a virtual item used to represent the production process and link the co-products. The associated formula defines the relationship between the planning item and the outputs. ==> B. Specify each of the finished good items as co-products. - In the formula, you must designate the three finished goods as co-products to indicate that they are intentionally produced together in the same process. ==> D. Assign co-products to the formula. - After specifying the finished goods as co-products, you need to assign them to the formula to ensure the system recognizes them as outputs of the production process.

upvoted 1 times

  **MFool** 1 year ago

Correct! ABD

upvoted 1 times

You are using the manufacturing execution module in Dynamics 365 Supply Chain Management.

License plate labels must be printed for products in the Report as finished step.

You need to use the manufacturing execution functionality that meets this requirement.

What should you use?

- A. License plates
- B. Job card terminal
- C. Load planning workbench
- D. Report BOMs as finished

**Suggested Answer: B**

*Community vote distribution*


B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

The Job card terminal is the appropriate functionality within the manufacturing execution module to report production jobs as finished. It allows workers to report the completion of production jobs and generate license plate labels for the finished products directly during this process. This meets the requirement for printing license plate labels at the Report as finished step.

upvoted 1 times

 **MrLulex** 11 months, 2 weeks ago

Correct

upvoted 1 times

## DRAG DROP

-

You are the product manager at an orange juice manufacturing company.

For every 1,000 pounds of orange juice, 20 pounds of orange pulp is created which can be sold or reused profitably. The cost is calculated as a weighted average between the quantity of orange juice that is reported as finished and the orange pulp based on the standard cost of each item.

You need to create the formula for orange juice that will produce orange pulp as a result of finishing a batch order.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

## Actions

Add a co-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.

Add a formula line for orange pulp and a quantity of 20 pounds per 1,000 pounds.

Set **Total cost allocation** on the header to **true**.

Select **Per quantity** as the by-product cost allocation.

Add a by-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.

Select **TCA** as the co-product cost allocation.

Create a new formula and formula version for orange juice.

## Answer Area

1

2

3

4

## Suggested Answer:

## Answer Area

1

Create a new formula and formula version for orange juice.

2

Set **Total cost allocation** on the header to **true**.

3

Add a by-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.

4

Select **Per quantity** as the by-product cost allocation.

 **globeearth** 1 month ago

==> G. Create a new formula and formula version for orange juice. First, you must create a new formula for orange juice and define a formula version.  
 ==> E. Add a by-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds. Add a by-product line to the formula to account for the orange pulp produced during the manufacturing process. Specify the quantity as 20 pounds of orange pulp per 1,000 pounds of orange juice, as stated in the requirement. ==> C. Set Total cost allocation on the header to true. Enable the Total Cost Allocation (TCA) setting on the formula header. This ensures that the costs are distributed across the primary product (orange juice) and the by-product (orange pulp) based on their standard costs  
 ==> D. Select Per quantity as the by-product cost allocation. Configure the by-product cost allocation method as "Per quantity" to allocate costs based on the quantity of the by-product (20 pounds of orange pulp per 1,000 pounds of orange juice).

upvoted 1 times

 **griffin1212** 9 months ago

Should be

Create a new formula and formula version for orange juice

Set Total cost allocation on the header to true

Add a co-product line for orange pulp and enter a quantity of 20 pounds per 1000 pounds

Select TCA as the co-product cost allocation

upvoted 2 times

 **4cc52dd** 10 months, 1 week ago

I agree. All are correct except for 3 should be add a co-product line for orange pulp and enter a qty of 20lbs per 1000lbs

upvoted 1 times

 **4cc52dd** 10 months, 1 week ago

Sorry and 4 should be select TCA as the co-product cost allocation



upvoted 1 times

  **MFool** 1 year ago

It should be Co-products related answers, pounds of orange pulp is created which can be sold or reused profitably --- Co product

upvoted 4 times

  **globeearth** 1 month ago

Co-products are typically items of similar value produced intentionally alongside the main product. Orange pulp is better classified as a by-product, as it's a secondary output of lesser value, so this action is not appropriate. we are not intentionally producing the pulp, so it is better classified as by-product.

upvoted 1 times

A company uses Dynamics 365 Supply Chain Management. Equipment installations in multiple regional locations require monthly maintenance.

Two maintenance technicians have holiday time off scheduled this month.

You need to ensure that all scheduled work orders are completed within the month around the holiday schedules.

Which feature should you use?

- A. Activity-based subcontracting
- B. Job scheduling
- C. Capacity load calculation
- D. Operations scheduling
- E. Planning optimization

**Suggested Answer: B**

*Community vote distribution*

B (100%)

 **globeearth** 1 month ago

**Selected Answer: B**

Job scheduling allows for detailed scheduling of individual jobs or tasks, assigning them to specific resources (such as maintenance technicians) while considering their availability, working hours, and any constraints like holidays. It ensures that work orders are scheduled around the technicians' time off by checking their calendars and assigning tasks to available time slots within the month. This feature supports finite capacity scheduling, which prevents overbooking and ensures realistic scheduling based on resource availability, making it ideal for this scenario.

upvoted 1 times

A company uses the asset management module in Dynamics 365 Supply Chain Management. The company has four conveyer systems in the warehouse. A robotic crane moves pallets of products to the conveyer line. Each robotic crane and conveyer line is considered a multilevel asset.

A work order arrives for a conveyer system. A technician completing the work order observes that the robotic crane needs a repair. The technician is not qualified to work on the robotic crane.

You need to ensure that the robotic crane is repaired.

Which two options should you configure? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Create a manual work order.
- B. Update the work order lifecycle state.
- C. Calculate capacity load with the level field set to 0.
- D. Calculate capacity load with the level field set to 1.
- E. Create a related work order.

**Suggested Answer:** BC

Community vote distribution

AE (100%)


 **globeearth** 1 month ago

**Selected Answer: AE**

A. Create a manual work order.: Since the technician is not qualified to repair the robotic crane, a new manual work order must be created for the robotic crane. This work order can be assigned to a qualified technician with the necessary skills to perform the repair.

E. Create a related work order.: To maintain traceability and link the robotic crane repair to the original conveyor system work order, a related work order should be created for the robotic crane. This allows the system to associate the new work order with the original one, providing context and ensuring that the repair is tracked as part of the same operational process


upvoted 1 times

 **d3908c8** 5 months, 3 weeks ago

**Selected Answer: AE**

robotic crane needs a repair we need new work order or related work order on other asset -repair crane

upvoted 1 times

 **4cc52dd** 10 months, 1 week ago

I think it should be B and E to ensure that the crane is repaired. It is a multi level asset so you would create a related work order and update the current work order lifecycle state to ended.

upvoted 2 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A manufacturing company produces electronic components and devices.

The company has scheduling issues related to using working time calendars in manufacturing.

You need to ensure that the working time calendar is used when manufacturing jobs are scheduled.

Solution: Enable route groups for a process job type.

Does the solution meet the goal?

A. Yes

B. No

**Suggested Answer: B**

*Community vote distribution*

A (100%)

 **globeearth** 1 month ago

**Selected Answer: A**

Enabling route groups for a process job type can influence scheduling by ensuring that the system considers the working time calendar defined for the resources involved. Process job types are typically tied to operations in the production route, and enabling route groups ensures that scheduling respects the calendar's working hours and constraints.

upvoted 1 times

You are using the manufacturing execution module in Dynamics 365 Supply Chain Management.

License plate labels must be printed for products in the Report as finished step.

You need to use the manufacturing execution functionality that meets this requirement.

What should you use?

- A. Operations schedules
- B. Job card terminal
- C. Load planning workbench
- D. Report BOMs as finished

**Suggested Answer:** B

*Community vote distribution*

B (100%)

  **globeearth** 1 month ago

**Selected Answer: B**

given answer is correct

upvoted 1 times

A company produces multiple products that require an installation kit that includes 50 components.

The company does not want to include these 50 components in every Bill of materials (BOM). You have a BOM kit that includes all 50 components, but you do not want it to produce a separate production order.

You need to set up the product BOM for the finished good.

What should you do?

- A. Change the coverage group on the kit item to Manual.
- B. Select Phantom on the engineering fast tab on the kit item.
- C. Change the line type to Pegged supply.
- D. Change the line type to Phantom.

**Suggested Answer:** D

*Community vote distribution*


D (100%)

  **globeearth** 1 month ago

**Selected Answer: D**

D. Change the line type to Phantom.- the line type on a BOM line determines how the components are handled during production planning and execution. The Phantom line type is specifically designed for scenarios like the one described, where a subassembly (in this case, the installation kit with 50 components) should be included in the BOM of the finished good but should not generate a separate production order. Instead, the components of the phantom BOM are "exploded" into the parent BOM during planning, and the individual components are consumed directly in the production process

upvoted 1 times

  **IlseKH** 7 months, 3 weeks ago

**Selected Answer: D**

true phantom cannot be selected in the released product only in the BOM itself in the line type

upvoted 2 times

A company produces rubber hose. Discrete orders accounts for raw material scrap. The scrap is reported through inventory movement journals.

The company has noticed that most of the scrap that is recorded is due to start up that feeds the hose to the finishing process. In addition, the amount of scrap that is recorded is consistent regardless of the amount of hose being produced.

You need to account for material lost during startup.

What should you do?

- A. Enter the consumption amount on the line to match the actual amount used.
- B. Do a case study for the scrap items and enter the average amount of scrap as separate line items on the Bill of materials.
- C. Enter the amount of scrap that is consumed as constant scrap in the Bill of materials.
- D. Enter the amount of scrap that is consumed as variable scrap in the Bill of materials.

**Suggested Answer:** C

*Community vote distribution*

C (100%)

 **globeearth** 1 month ago

**Selected Answer:** C

Constant scrap in the Bill of Materials (BOM) is used to account for a fixed amount of material loss that occurs regardless of the production quantity. Since the scrap due to startup is consistent and does not vary with the amount of hose produced, it fits the definition of constant scrap.

upvoted 1 times

A manufacturer uses Dynamics 365 Supply Chain Management.

The engineering department constantly revises product designs to stay current with the latest technology. The customer service department places orders for the products but frequently adds a prototype product version that is not yet operational.

The manufacturer requires a solution that notifies customer service if a prototype version is selected on a sales order.

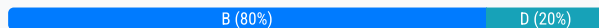
You need to configure the solution.

What should you configure?

- A. product release policy
- B. product lifecycle states
- C. version number rule
- D. engineering product category

**Suggested Answer: B**

*Community vote distribution*



**globeearth** 1 month ago

**Selected Answer: B**

B. Product lifecycle states – This allows you to set up different lifecycle states for products, including a prototype state. You can configure rules so that certain actions, like adding the prototype version to a sales order, trigger notifications or restrictions. By defining lifecycle states properly, you can prevent operational inefficiencies and ensure customer service only selects products that are ready for sale.

upvoted 1 times

**d3908c8** 5 months, 3 weeks ago

**Selected Answer: D**

on E.. product category we can add lifecycle states

upvoted 1 times

**Deetss** 8 months, 3 weeks ago

**Selected Answer: B**

Wrong, should be "B" product lifecycle states. From the product lifecycle states in engineering change management we can configure warnings or blocking for sales orders on the prototype state.

upvoted 3 times



## DRAG DROP

-

You are the product definition manager for a car manufacturing company. You set up and maintain the production configuration models used at the company.

You must build a new configuration model and include constraints in the model.

You need to determine which constraint type to use for each scenario.

Which constraint type should you use? To answer, drag the appropriate constraint types to the correct scenarios. Each constraint type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Constraint type	Answer Area	Scenario	Constraint type
expression	<div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>	A specific wheel depends upon selection of the sport package and large engine.	
table		A manual transmission cannot be selected.	

Answer Area	Scenario	Constraint type
<b>Suggested Answer:</b>	A specific wheel depends upon selection of the sport package and large engine.	table
	A manual transmission cannot be selected.	expression

**globeearth** 1 month ago

given answers are mor relatable

upvoted 1 times

**IlseKH** 7 months, 3 weeks ago

first as "table" is correct, you can add multiple variables in the table constraint!

second i agree could be excluded but i as no other option is available "expression" would be the right choice.

upvoted 1 times

**4cc52dd** 9 months, 2 weeks ago

The first should be expression. It involves multiple variables in order to select the wheel. If it was only "A specific wheel depends upon selection of the sport package" table constraint would be effective.

The second isn't giving a condition, so my assumption is there is only one condition, meaning table. Otherwise, if you just can't select a manual transmission, it could be excluded as an attribute.

upvoted 1 times