



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

Which of the following is primarily a confidentiality concern?

- A. Eavesdropping
- B. Impersonating
- C. Destructing
- D. Altering

Correct Answer: A

Community vote distribution

A (100%)

🗳️ **SERT** 2 weeks, 5 days ago

Selected Answer: A

Eavesdropping
upvoted 1 times

🗳️ **lexxone** 1 month, 3 weeks ago

Selected Answer: A

Eavesdropping
upvoted 1 times

🗳️ **dollynattie** 3 months, 4 weeks ago

Selected Answer: A

Eavesdropping
upvoted 1 times

🗳️ **Colonel23** 9 months, 2 weeks ago

Selected Answer: A

Eavesdropping
upvoted 1 times

🗳️ **kash2223** 11 months, 3 weeks ago

Eavesdropping
upvoted 1 times

🗳️ **Davis.jade** 1 year, 1 month ago

Selected Answer: A

Eavesdropping
upvoted 1 times

🗳️ **bigfellaheguy11** 1 year, 11 months ago

Eavesdropping
upvoted 1 times

🗳️ **Micka87** 2 years, 4 months ago

Eavesdropping
upvoted 2 times

🗳️ **Telly101** 3 years ago

Selected Answer: A

Eavesdropping
upvoted 2 times



🗳️ **RyanC6361** 3 years, 2 months ago

Eavesdropping
upvoted 2 times

🗳️ **jondre** 3 years, 3 months ago

eavesdropping

upvoted 2 times

  **Gedy10** 4 years, 8 months ago

Eavesdropping is listening to a conversation secretly.

upvoted 3 times

A software developer develops a software program and writes a document with step-by-step instructions on how to use the software. The developer wants to ensure no other person or company will publish this document for public use. Which of the following should the developer use to BEST protect the document?

- A. Patent
- B. Trademark
- C. Watermark
- D. Copyright

Correct Answer: D

Community vote distribution

D (100%)

🗳️ **SERT** 2 weeks, 5 days ago

Selected Answer: D

copyright

upvoted 1 times

🗳️ **Vishlancer** 3 months, 3 weeks ago

Answer is copyright. It can't be Trademark since trademark is when something legally registered or established by use as representing a company or product and in this case, we aren't speaking about any product.

upvoted 1 times

🗳️ **kash2223** 5 months, 3 weeks ago

Copyright

upvoted 1 times

🗳️ **Davis.jade** 7 months, 4 weeks ago

Selected Answer: D

Copyright.

upvoted 1 times

🗳️ **bigfellaatheyguy11** 1 year, 5 months ago

Copyright

upvoted 1 times

🗳️ **sarahvp** 1 year, 5 months ago

copywrite - this is used for books

patent - thats for inventions

trdemarks - those are for logos and so on.

so copywrite is the answer

upvoted 2 times

🗳️ **JustATechGuy** 5 months, 1 week ago

Great explanation

upvoted 1 times

🗳️ **Micka87** 1 year, 10 months ago

Copyright

upvoted 2 times

🗳️ **Selima** 2 years, 6 months ago

copyright but not sure because of Trademark among the options

upvoted 2 times

🗳️ **Vishlancer** 3 months, 3 weeks ago



Answer is copywrite. It can't be Trademark since trademark is when something legally registered or established by use as representing a company or product and in this case we aren't speaking about any product.

upvoted 1 times

  **RyanC6361** 2 years, 8 months ago

Copyright

upvoted 2 times

  **jondre** 2 years, 9 months ago

copyright

upvoted 2 times

Which of the following database concepts would MOST likely use a CSV file?

- A. Data querying
- B. Data reports
- C. Data importing
- D. Data persistence

Correct Answer: C

Community vote distribution

C (92%)

8%


 **paulmlowe** Highly Voted 4 years, 9 months ago

I agree for answer C. Who reads a csv report?
upvoted 8 times

 **SERT** Most Recent 2 weeks, 5 days ago


Selected Answer: C

Data importing
upvoted 1 times

 **Colonel23** 9 months, 2 weeks ago


Selected Answer: C

I worked with a .csv file and what I was doing was taking that data and importing it to the software. So for me the answer is C.
upvoted 1 times

 **JustATechGuy** 11 months, 1 week ago

Selected Answer: C

The CompTIA Review Chapter in the IT Fundamentals Course gave this answer.
upvoted 1 times

 **JustATechGuy** 11 months, 1 week ago

I think it's Importing, and so does the IT Fundamentals Course in Unit B Review. I don't know why it would be B
upvoted 1 times

 **ColH** 11 months, 2 weeks ago

it is C
upvoted 1 times


 **kash2223** 11 months, 3 weeks ago

Data importing
upvoted 1 times

 **Davis.jade** 1 year, 1 month ago


Selected Answer: B

It's B
upvoted 1 times

 **yanis88** 1 year, 7 months ago

Selected Answer: C

IMHO should be both B and C, I went for C though.
upvoted 1 times

 **2moon** 1 year, 11 months ago

Selected Answer: C

The concept that would MOST likely use a CSV file is Data importing.

CSV (Comma Separated Values) files are a common format for exchanging data between systems, especially when importing data into a database. CSV files are simple and easy to create and read, and many applications support importing data from CSV files. Therefore, using CSV

files for data importing is a common practice in database management.

Data querying, data reports, and data persistence are database concepts that typically use a database management system (DBMS) to store and manage data in a structured and efficient manner. While CSV files can be used to export data from a database for data reporting purposes, they are not typically used for data querying or data persistence in a database management system.

upvoted 1 times

🗨️ 👤 **fdesouza** 2 years ago

Selected Answer: C

Definitely C - Data importing

upvoted 1 times

🗨️ 👤 **Amycert** 2 years, 2 months ago

Selected Answer: C

Maybe importing, as the only csv example in the book is used for importing:

Importing data from an existing source can save a lot of time compared to manually entering it. Many DBMSs let you import data from a command line using the LOAD DATA INFILE command. Here's an example:

```
LOAD DATA INFILE 'sample.csv' INTO TABLE Students FIELDS TERMINATED BY ',';
```

upvoted 1 times

🗨️ 👤 **Micka87** 2 years, 4 months ago

Data report

upvoted 1 times

🗨️ 👤 **puppydog16** 2 years, 5 months ago

data importing

upvoted 1 times

🗨️ 👤 **Vargio3** 2 years, 6 months ago

Selected Answer: C

c it is.

upvoted 2 times

🗨️ 👤 **brianp** 3 years ago

Selected Answer: C

C. Data importing

upvoted 1 times

🗨️ 👤 **RyanC6361** 3 years, 2 months ago

Definitely C

upvoted 1 times

A help desk technician encounters an issue and wants to find out if a colleague has encountered the same issue before. Which of the following should the technician do FIRST?

- A. Check Knowledge Base.
- B. Search local logs.
- C. Research possible theories.
- D. Question users.

Correct Answer: A

Community vote distribution

A (67%)

D (33%)

🗳️ **SERT** 2 weeks, 5 days ago

Selected Answer: A

the answer is A

upvoted 1 times

🗳️ **Colonel23** 9 months, 2 weeks ago

If I have an issue let's see if anyone else has solved this or not and documented it. If so it would be in the knowledge base. My answer choice is A.

upvoted 1 times

🗳️ **JustATechGuy** 11 months, 1 week ago

Selected Answer: A

I agree with pauliwog.

upvoted 1 times

🗳️ **kash2223** 11 months, 3 weeks ago

Check knowledge base

upvoted 1 times

🗳️ **pauliwog** 1 year ago

Look At the question, It says Colleague, not user.

The answer is A. A Colleague will add the issue to a knowledge base if they have had to work on the same issue in the past.

upvoted 2 times

🗳️ **Davis.jade** 1 year, 1 month ago

Selected Answer: A

A is the answer

upvoted 1 times

🗳️ **Ebezka** 1 year, 2 months ago

Selected Answer: D

CheckCompTIA study guide

upvoted 1 times

🗳️ **JustATechGuy** 11 months, 1 week ago

The Study Course says A, currently.

upvoted 1 times

🗳️ **Micka87** 2 years, 4 months ago

Check knowledge base

upvoted 2 times

🗳️ **puppydog16** 2 years, 5 months ago

check knowledge base for sure

upvoted 2 times

🗳️ **RyanC6361** 3 years, 2 months ago

Check Knowledge Base.

upvoted 2 times

Which of the following BEST describes the practice of providing user credentials when logging onto the network?

- A. Output
- B. Storage
- C. Input
- D. Processing

Correct Answer: C

Community vote distribution

C (100%)

- 🗳️ **kash2223** 5 months, 3 weeks ago
C.Input
upvoted 1 times
- 🗳️ **Davis.jade** 7 months, 4 weeks ago
Selected Answer: C
C.Input
upvoted 1 times
- 🗳️ **Micka87** 1 year, 10 months ago
C) Input
upvoted 2 times
- 🗳️ **puppydog16** 1 year, 11 months ago
letter c.
upvoted 2 times
- 🗳️ **RyanC6361** 2 years, 8 months ago
C. Input
upvoted 2 times

Which of the following allows wireless devices to communicate to a wired network?

- A. Modem
- B. Switch
- C. Firewall
- D. Access point

Correct Answer: D

Community vote distribution

D (100%)

 **FaisalJ**  3 years, 2 months ago

Access point allows devices to connect to the internet through wireless
Devices (Wireless) -> Access Point -> Router -> Modem.


Access point and Router can be combined as one device which is common these days.

upvoted 6 times

 **kash2223**  5 months, 3 weeks ago

D.Access point.


upvoted 1 times

 **Davis.jade** 7 months, 4 weeks ago

Selected Answer: D

D.Access point.

upvoted 1 times


 **Amycert** 1 year, 9 months ago

Selected Answer: D

Access point:

An access point is any point that allows a user on to a network.

upvoted 1 times

 **Micka87** 1 year, 10 months ago

D) Access point

upvoted 2 times

 **RyanC6361** 2 years, 8 months ago

A. Modem

upvoted 1 times

Which of the following computing devices would be used to provide a centralized means to distribute services to a group of clients and usually possesses a role on a LAN?

- A. Laptop
- B. Workstation
- C. Mobile phone
- D. Server

Correct Answer: D

Community vote distribution

D (100%)

- 🗨️ **kash2223** 5 months, 3 weeks ago
D.server.
upvoted 1 times
- 🗨️ **Davis.jade** 7 months, 4 weeks ago
Selected Answer: D
D.server.
upvoted 1 times
- 🗨️ **mbrabbit06_gmail_com** 1 year, 2 months ago
Selected Answer: D
Server
upvoted 1 times
- 🗨️ **Micka87** 1 year, 10 months ago
D) Server
upvoted 2 times
- 🗨️ **RyanC6361** 2 years, 8 months ago
D. Server
upvoted 2 times

Which of the following describes something in a database that refers to the unique identifier in the parent table?

- A. Attribute
- B. Constraint
- C. Foreign key
- D. Schema

Correct Answer: C

Community vote distribution

C (90%) 10%

- 🗳️ **akicybersec** Highly Voted 4 years, 8 months ago
it should be foreign key
upvoted 13 times
- 🗳️ **mabus** Highly Voted 4 years, 5 months ago
Correct its C. FOREIGN KEY: Unique identifier for a row/record in another database table
upvoted 6 times
- 🗳️ **Danielloven** Most Recent 8 months ago
Selected Answer: C
Foreign key should be the answer and not attribute
upvoted 1 times
- 🗳️ **Danielloven** 8 months ago
Attribute
upvoted 1 times
- 🗳️ **samuelTM** 9 months ago
Selected Answer: C
The only one
upvoted 1 times
- 🗳️ **JustATechGuy** 11 months, 1 week ago
Selected Answer: C
It should be Foreign Key
upvoted 1 times
- 🗳️ **kash2223** 11 months, 3 weeks ago
A.Attribute
upvoted 1 times
- 🗳️ **Davis.jade** 1 year, 1 month ago
Selected Answer: A
A.Attribute
upvoted 1 times
- 🗳️ **Ebezka** 1 year, 2 months ago
Foreign Key is definitely wrong if the column(field) concerned is in the parent table. The answer should then be the primary key. If primary key is not one of the options then attribute may be right
upvoted 1 times
- 🗳️ **munro_2004** 1 year, 3 months ago
A FOREIGN KEY is a field (or collection of fields) in one table, that refers to the PRIMARY KEY in another table. The table with the foreign key is called the child table, and the table with the primary key is called the referenced or parent table. So it's an attribute niggas
upvoted 2 times
- 🗳️ **yanis88** 1 year, 7 months ago
Selected Answer: C

AFAIK that's the definition of foreign keys

upvoted 1 times

🗨️ **ChristopherUchiha** 1 year, 8 months ago

If the real answer is Foreign key and in this exam is Attributes, then what matters is Attribute since if you answer Foreign key in test then you are wrong

upvoted 1 times

🗨️ **mbrabbit06_gmail_com** 1 year, 8 months ago

Selected Answer: C

Foreign key

upvoted 1 times

🗨️ **Lieksels** 1 year, 10 months ago

Selected Answer: C

C is the only write answer

upvoted 1 times

🗨️ **BA98** 2 years, 4 months ago

Selected Answer: C

C is correct

upvoted 1 times

🗨️ **Micka87** 2 years, 4 months ago

A) Attributes

upvoted 1 times

🗨️ **Graystone16** 3 years, 1 month ago

Selected Answer: C

The real solution to this question was Attribute and NOT Foreign Key? Why is that?

upvoted 1 times

For which of the following is a relational database management system MOST commonly used?

- A. Building flowcharts
- B. Storing information
- C. Generating reports
- D. Creating diagrams

Correct Answer: B

Community vote distribution

B (100%)

🗳️ **Danielloven** 8 months ago

Selected Answer: B

storing information

upvoted 1 times

🗳️ **kash2223** 11 months, 3 weeks ago

B.Storing Information

upvoted 1 times

🗳️ **Davis.jade** 1 year, 1 month ago

Selected Answer: B

B.Storing Information

upvoted 1 times

🗳️ **mbrabbit06_gmail_com** 1 year, 8 months ago

Selected Answer: B

Storing information

upvoted 1 times

🗳️ **Micka87** 2 years, 4 months ago

B) Storing information

upvoted 1 times

🗳️ **RyanC6361** 3 years, 2 months ago

B. Storing information

upvoted 1 times

Which of the following BEST describes an application running on a typical operating system?

- A. Process
- B. Thread
- C. Function
- D. Task

Correct Answer: A

Community vote distribution

A (100%)

🗨️ **kash2223** 5 months, 3 weeks ago

A.Process.

upvoted 1 times

🗨️ **Davis.jade** 7 months, 4 weeks ago

Selected Answer: A

A.Process.

upvoted 1 times

🗨️ **KAB79** 10 months, 2 weeks ago

Process

upvoted 1 times

🗨️ **mbrabbit06_gmail_com** 1 year, 2 months ago

Selected Answer: A

A. Process

upvoted 1 times

🗨️ **DwayneBoii** 1 year, 4 months ago

A. Process

upvoted 1 times

🗨️ **LeDarius3762** 1 year, 7 months ago

The answer is A

Process is an instance of a computer program that's being executed (for example when you USE Word or Excel)

Task is a set of programming instructions that are loaded in memory (for example when you OPEN word and you see all the loading, that's a task)

upvoted 4 times

🗨️ **Micka87** 1 year, 10 months ago

A) Process

upvoted 2 times

🗨️ **RyanC6361** 2 years, 8 months ago

Did toy with D. Task however I convinced myself A. Process.

upvoted 1 times

The broadcast signal from a recently installed wireless access point is not as strong as expected. Which of the following actions would BEST improve the signal strength?

- A. Update from 802.11b to 802.11g.
- B. Ensure sources of EMI are removed.
- C. Enable WPA2-Enterprise.
- D. Use WiFi Protected Setup.

Correct Answer: B

Community vote distribution

B (100%)

🗨️ 👤 **FaisalJ** Highly Voted 👍 3 years, 2 months ago

EMI = Electromagnetic interference, is commonly found in industrial environments, and can adversely affect the accuracy of your instrumentation signals.

upvoted 12 times

🗨️ 👤 **Davis.jade** Most Recent 🕒 7 months, 4 weeks ago

Selected Answer: B

B) EMI

upvoted 1 times

🗨️ 👤 **Micka87** 1 year, 10 months ago

B) EMI

upvoted 2 times

A user is getting an error message when trying to go to a website. A technician asks the user a few questions to find out more about the issue. The technician opens a browser locally and browses to the same site as the user. Which of the following troubleshooting steps is the technician using by browsing to the same site?

- A. Establish a plan of action.
- B. Gather information
- C. Duplicate the problem.
- D. Find the root cause.

Correct Answer: C

Community vote distribution

C (100%)

🗨️ **Davis.jade** 7 months, 4 weeks ago

Selected Answer: C

C. Duplicate the problem.
upvoted 1 times

🗨️ **mbrabbit06_gmail_com** 1 year, 2 months ago

C. Duplicate the problem.
upvoted 1 times

🗨️ **Micka87** 1 year, 10 months ago

C) Duplicating the problem
upvoted 3 times

A user is attempting to print a document to a wireless printer and receives an error stating the operation could not be completed. Which of the following should the user do to correct this issue?

- A. Ensure both devices are connected to the LAN.
- B. Enable task scheduling.
- C. Reset the proxy settings to their default values.
- D. Review the fault tolerance configurations.

Correct Answer: A

Community vote distribution

A (100%)

🗲️ 👤 **Micka87** Highly Voted 👍 2 years, 4 months ago

A) Ensure both devices are connected to a LAN
upvoted 6 times

🗲️ 👤 **Danielloven** Most Recent 🕒 8 months ago

Selected Answer: A

ensure both devices are connected to the same LAN
upvoted 1 times

🗲️ 👤 **Davis.jade** 1 year, 1 month ago

Selected Answer: A

Answer A
upvoted 1 times

🗲️ 👤 **UncleJimmy** 1 year, 6 months ago

What's the point of just commenting the answer?
upvoted 1 times

🗲️ 👤 **mbrabbit06_gmail_com** 1 year, 8 months ago

A. Ensure both devices are connected to the LAN.
upvoted 1 times

Which of the following relational database constructs is used to ensure valid values are entered for a column?

- A. Schema
- B. Permissions
- C. Constraint
- D. Column

Correct Answer: C

Community vote distribution

C (100%)

 **Gedy10** Highly Voted 4 years, 8 months ago

Constraints are used to limit the data type such that, only the required data type is entered in a table, any other data action that violates, this is aborted. This helps to enhance reliability and accuracy of data entered in a table.

upvoted 10 times

 **Danielloven** Most Recent 8 months ago

Selected Answer: C

Constraints are rules

upvoted 1 times

 **Davis.jade** 1 year, 1 month ago

Selected Answer: C


Answer C. Constraints

upvoted 1 times

 **mbrabbit06_gmail_com** 1 year, 8 months ago

C. Constraint

upvoted 1 times

 **Micka87** 2 years, 4 months ago

C) Constraints

upvoted 2 times

A user is buying a laptop. The user will have a lot of personal and confidential information on the laptop. The user wants to ensure data cannot be accessed by anyone, even if the laptop is stolen. Which of the following should be set up to accomplish this?

- A. Encryption
- B. Compression
- C. Permissions
- D. Auditing

Correct Answer: A

Community vote distribution

A (100%)

  **Gedy10** Highly Voted  4 years, 8 months ago

Encryption is a process by which a message , file or data is encoded such that it is only read by certain people who have permissions.
upvoted 10 times

  **Danielloven** Most Recent  8 months ago

Selected Answer: A

Encryption protects data
upvoted 1 times

  **Davis.jade** 1 year, 1 month ago

Selected Answer: A

Answer A.Encryption
upvoted 1 times

  **mbrabbit06_gmail_com** 1 year, 8 months ago

A. Encryption
upvoted 1 times

A systems administrator uses a program that interacts directly with hardware to manage storage, network, and virtual machines. This program is an example of:

- A. a storage area network.
- B. an embedded OS.
- C. network attached storage.
- D. a Type 1 hypervisor.

Correct Answer: D

Community vote distribution

D (100%)

🗨️ **Danielloven** 8 months ago

Selected Answer: D

a Type 1 hypervisor
upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: D

D.A Type 1 Hypervisor.
upvoted 1 times

🗨️ **mbrabbit06_gmail_com** 1 year, 8 months ago

D. a Type 1 hypervisor.
upvoted 1 times

🗨️ **TheOtrain** 2 years ago

Unlike Type 2 hypervisors, type 1 hypervisors interact directly with hardware.
upvoted 3 times

Which of the following is a compiled language?

- A. Perl
- B. JScript
- C. Java
- D. PowerShell

Correct Answer: C

Community vote distribution

C (75%)

B (25%)

 **Drewmeister** Highly Voted 3 years, 11 months ago

Java is the best answer of the ones presented, but strictly speaking Java isn't a 'true' compiled language. Java source code is 'compiled' to create Java object code which requires a Java runtime engine to execute the code on the computer. A true compiled language (e.g. C++) is compiled to machine code which will execute directly against the target host platform (e.g. Intel x64).

upvoted 7 times

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


Selected Answer: C

C. Java

Java is a compiled language because it is first compiled into bytecode by the Java compiler and then executed by the Java Virtual Machine (JVM). This makes Java platform-independent while still benefiting from compilation optimizations.

Other options like Perl, JScript, and PowerShell are interpreted languages that do not require compilation before execution.

upvoted 1 times

 **Aideed** 2 months, 3 weeks ago

Selected Answer: B

java is the one

upvoted 1 times

 **Danielloven** 8 months ago

Selected Answer: C

Java is a compiled language


upvoted 1 times

 **Davis.jade** 1 year, 1 month ago

Selected Answer: C

Java is the answer.

upvoted 1 times

 **Dion79** 3 years, 4 months ago

Examples of interpreted languages include scripting languages, such as JavaScript, Perl, and Python.

upvoted 2 times

Which of the following actions is the FINAL step in the standard troubleshooting methodology?

- A. Document the solution and cause.
- B. Create a new theory of cause.
- C. Research the problem online.
- D. Implement preventive measures.

Correct Answer: A

Community vote distribution

A (67%)

D (33%)

🗨️ 👤 **FaisalJ** Highly Voted 👍 3 years, 8 months ago

Step 1. Identify the problem.

Step 2. Establish a theory of probable cause.

Step 3. Test the theory to determine the cause.

Step 4. Establish a plan of action to resolve the problem and implement the solution.

Step 5. Verify full system functionality and, if applicable, implement preventive measures.

Step 6. Document findings, actions, and outcomes.

upvoted 13 times

🗨️ 👤 **Griffinnnnnnnnnnnn** Highly Voted 👍 3 years, 9 months ago

Documentation is the last step in troubleshooting methodology.

upvoted 5 times

🗨️ 👤 **Josh1995** Most Recent 🕒 2 months ago

Selected Answer: A

Document is the Right answer, It will be use for the future references

upvoted 1 times

🗨️ 👤 **Jappo** 2 months, 3 weeks ago

Selected Answer: A

A Document your findings.

upvoted 1 times

🗨️ 👤 **Danielloven** 8 months ago

Selected Answer: D

Document the solution and cause

upvoted 1 times

🗨️ 👤 **Colonel23** 9 months, 2 weeks ago

Basically do all the grunt work to figure things out, fix it, then document it as the final step. My Answer is A.

upvoted 1 times

Which of the following is a value that uniquely identifies a database record?


- A. Foreign key
- B. Public key
- C. Primary key
- D. Private key

Correct Answer: C

Community vote distribution

C (100%)



 **Davis.jade** 7 months, 4 weeks ago

Selected Answer: C

The primary key is the answer
upvoted 1 times

 **mbrabbit06_gmail_com** 1 year, 2 months ago

C. Primary key
upvoted 1 times

 **omarcoming** 1 year, 6 months ago

Primary Key
upvoted 2 times

A systems administrator wants to return results for a time range within a database. Which of the following commands should the administrator use?

- A. SELECT
- B. INSERT
- C. DELETE
- D. UPDATE

Correct Answer: A

Community vote distribution

A (100%)

🗨️ **Amycert** 9 months ago

Selected Answer: A

A. SELECT

Queries use the SELECT command to identify and display the data the user needs.

upvoted 3 times

🗨️ **JamFitzue** 1 year, 5 months ago

Obviously its C. As a cybersecurity professional for OVER 30 YEARS. Its surprising that nobody has seen this fault yet.

upvoted 1 times

🗨️ **Dion79** 1 year, 10 months ago

Data Manipulation Language (DML) commands allow you to insert or update records and extract information from records for viewing (a query):

INSERT INTO TableName—adds a new row in a table in the database.

UPDATE TableName—changes the value of one or more table columns. This can be used with a WHERE statement to filter the records that will be updated. If no WHERE statement is specified, the command applies to all the records in the table.

DELETE FROM TableName—deletes records from the table. As with UPDATE, this will delete all records unless a WHERE statement is specified.

SELECT—enables you to define a query to retrieve data from a database.

upvoted 4 times

Which of the following statements BEST describes binary?

- A. A notational system used to represent an on or off state
- B. A notational system used to represent media access control
- C. A notational system used to represent Internet protocol addressing
- D. A notational system used to represent a storage unit of measurement

Correct Answer: A

Community vote distribution

A (100%)

- 🗨️ **Thunderbolt_83** Highly Voted 4 years, 11 months ago

"A notational system used to represent an on or off state"

Is anyone else getting this weird typo? What is this?

upvoted 13 times
- 🗨️ **Davis.jade** Most Recent 7 months, 4 weeks ago

Selected Answer: A

Answer is A

upvoted 1 times
- 🗨️ **KAB79** 10 months, 2 weeks ago

I believe it means 1's and 0's

upvoted 1 times
- 🗨️ **yanis88** 1 year, 1 month ago

A notational system used to represent an on or off state

what's that? do we have to decipher the message?

upvoted 2 times
- 🗨️ **mbrabbit06_gmail_com** 1 year, 2 months ago

a on or off

upvoted 1 times
- 🗨️ **Amycert** 1 year, 9 months ago

Selected Answer: A

A. A notational system used to represent an "on" or "off" state

upvoted 4 times
- 🗨️ **Dion79** 2 years, 11 months ago

provided answer is correct.

While people find decimal easy to use, computers use binary to calculate and process information. Binary is a numbering system where each single digit can express only two values, in the range 0 to 1. The reason binary works well with computers is that these two values can represent the off/on states of the transistors that make up computer memory. Binary can also be referred to as base 2.

CompTIA Lesson - ITF+ Bundle

upvoted 3 times
- 🗨️ **bagyi** 3 years, 1 month ago



Correct Answer

upvoted 3 times
- 🗨️ **Nicmc** 3 years, 6 months ago



Ive gotten a lot of the wording errors

upvoted 2 times
- 🗨️ **Gedy10** 4 years, 2 months ago

Example; 128.64.32.16.8.4.2.1 in this 32bits , if we put the first 4 bits on , it will be 1.1.1.1.0.0.0.0 that means that the first 4 bits are "on" and the last 4 are "off" in the octet.
upvoted 2 times

  **sqlgirl13** 4 years, 11 months ago

Is the answer correct for binary?
upvoted 2 times

  **Jaelski** 4 years, 4 months ago

Binary is 0's and 1's. So yes, On and Off.
upvoted 4 times

Joe, a developer, is writing a program in which he needs to store a number that changes over the duration of the program's run. Which of the following would Joe MOST likely use to accomplish this?

- A. Loop
- B. Variable
- C. Constant
- D. Function

Correct Answer: B

Community vote distribution

B (100%)

🗳️ 👤 **MbappeFC** 5 months, 2 weeks ago

Selected Answer: B

Variable

upvoted 1 times

🗳️ 👤 **mbrabbit06_gmail_com** 1 year, 8 months ago

B. Variable

upvoted 1 times

🗳️ 👤 **smart_guy** 1 year, 11 months ago

Variables

upvoted 1 times

🗳️ 👤 **Dion79** 3 years, 5 months ago

Variables

A variable contains a value that can change during the execution of the program. This value might be a text string, a number, or any other data type.

Note...Variables are usually declared, defined as a particular data type, and given an initial value at the start of the routine in which they are used. It is often possible to use undeclared variables, but this can make code harder to read and more prone to errors.

Reference: CertMaster Learn and CompTIA Labs for ITF+ (Exam FC0-U61)

upvoted 4 times

An end user's computer has been failing to open its word processing software. An IT technician successfully solves the problem. Which of the following best describes the technician's NEXT step?

- A. Restart the computer.
- B. Contact other users.
- C. Disconnect the peripherals.
- D. Document the findings.

Correct Answer: D

 **Dion79** Highly Voted 3 years, 5 months ago

CompTIA Troubleshooting Model

Make sure that you know the order of the steps in CompTIA's troubleshooting model:

Identify the problem.

Gather information.

Duplicate the problem, if possible.

Question users.

Identify symptoms.

Determine if anything has changed.

Approach multiple problems individually.

Research knowledge base/Internet, if applicable.

Establish a theory of probable cause.

Question the obvious.

Consider multiple approaches.

Divide and conquer.

Test the theory to determine cause.

Once the theory is confirmed (confirmed root cause), determine the next steps to resolve the problem.

If the theory is not confirmed, establish a new theory or escalate.

Establish a plan of action to resolve the problem and identify potential effects.

Implement the solution or escalate as necessary.

Verify full system functionality and, if applicable, implement preventive measures.

Document findings/lessons learned, actions and outcomes.


These steps and the approach and attitude you should apply when troubleshooting are explained in a bit more detail below.

upvoted 6 times

 **Colonel23** Most Recent 9 months, 2 weeks ago

You have fixed the issue then you document it. My answer is D

upvoted 1 times

 **Sav123** 4 years, 8 months ago

Shouldn't the next step be to verify full system functionality?

upvoted 4 times

 **GreenHam** 4 years, 4 months ago

Based on the phrasing, I think that "solved the problem" means that full system functionality is already verified since the end-user is no longer involved. CompTIA loves to phrase their questions as confusingly as they can.

upvoted 8 times

A regulation requires new applicants to provide a scan of their retinas in case of any future legal questions regarding who applied for the position. Which of the following concepts is this an example of?

- A. Non-repudiation
- B. Authentication
- C. Integrity
- D. Accounting

Correct Answer: A

Community vote distribution

A (65%)

B (35%)

🗨️ **OmegaStudios** Highly Voted 5 years, 2 months ago

dis questun is baad cuz non repoodiashun is part of authenticashun :3
upvoted 8 times

🗨️ **Jaelski** 4 years, 10 months ago

Took me minutes before I understood what this said. But this simply stated that "This question is bad because non repudiation is a part of Authentication."
upvoted 12 times

🗨️ **king_basir88** Most Recent 3 weeks, 6 days ago

Selected Answer: A

I understand why some choose B however, due to the "legal" part of the question, I am more inclined to choose A. Non-Repudiation.
upvoted 1 times

🗨️ **Liv3** 1 month, 2 weeks ago

Selected Answer: A

This is an example of non-repudiation. Non-repudiation ensures that an individual cannot deny the authenticity of their signature on a document or a sent message. In this case, the retina scan provides proof of the applicant's identity, making it impossible for them to dispute that they applied for the position.
upvoted 1 times

🗨️ **samuelTM** 9 months ago

Selected Answer: B

A is part of authentication
ye? I think so
upvoted 1 times

🗨️ **Colonel23** 9 months, 2 weeks ago

I'd say it's Authentication for sure
upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: B

Answer is Authentication
upvoted 1 times

🗨️ **morningwood** 1 year, 4 months ago

Selected Answer: B

Authentication is the "best" answer. It doesn't matter about whether or not A is a type of B.
upvoted 3 times

🗨️ **Agognut** 1 year, 4 months ago

Selected Answer: B

The concept described, where new applicants are required to provide a scan of their retinas for future legal identification, is an example of "Authentication." Authentication is the process of verifying the identity of an individual, in this case, through the use of biometric data like retinal

scans. It ensures that the person applying for the position can be authenticated and is who they claim to be. Non-repudiation, on the other hand, deals with the inability to deny one's actions or involvement in a transaction, which is not the primary concern in this context.

upvoted 1 times

🗨️ 👤 **Agognut** 1 year, 4 months ago

I put the question in chatgpt: "The concept described, where new applicants are required to provide a scan of their retinas for future legal identification, is an example of "biometric authentication" or "biometric identification." Biometric authentication uses unique physical or behavioral traits, such as fingerprints, iris scans, or in this case, retinal scans, to verify and identify individuals. It is a form of identity verification that is difficult to forge and is often used for security and legal purposes."

upvoted 1 times

🗨️ 👤 **yenessy** 1 year, 5 months ago

Non-repudiation ensures that an entity cannot deny the authenticity of their actions. In this case, by providing a retina scan, new applicants are creating a unique and undeniable proof of their identity and application. This means that in the future, they cannot deny having applied for the position, as their retina scan would serve as proof.

upvoted 1 times

🗨️ 👤 **veliyath** 1 year, 6 months ago

The concept described, which involves collecting retina scans for identity verification, falls primarily under the category of "Authentication." It verifies the identity of the applicants by using their unique biometric data (retina scans) to ensure that they are who they claim to be.

"Non-repudiation" is a different concept related to the assurance that a party cannot deny the authenticity or integrity of a message or action they have performed. It is often associated with digital signatures and cryptographic techniques to prevent someone from denying that they sent a message or made a transaction. While non-repudiation can be a component of the overall process, the primary focus in the scenario is on authentication through biometric data.

upvoted 3 times

🗨️ 👤 **yanis88** 1 year, 7 months ago

Selected Answer: A

Authenticate a user to submit a CV and against what? Does the company have the means to authenticate the user, a database or what? IMHO this is non-repudiation

upvoted 1 times

🗨️ 👤 **Nightdiver70** 1 year, 11 months ago

The answer is Non-repudiation. Authentication is the process of claiming an identity on a network and entering a password to substantiate that claim. Authentication happens at that moment, not later.

upvoted 2 times

🗨️ 👤 **Amycert** 2 years, 2 months ago

Selected Answer: A

The goal of nonrepudiation is to make it so that people can't deny that an event took place. In other words, it provides proof that someone or something performed a specific action.

upvoted 4 times

🗨️ 👤 **Sweet_Certified7** 2 years, 6 months ago

The answer to this question is definitely "authentication"

upvoted 4 times

🗨️ 👤 **Santi247365** 2 years, 7 months ago

The answer would not be Non-Repudiation. When we talk about this concept we are referring to the exchange of keys or the digital signatures. This concept of non-repudiation is to assure the sending and receiving party are actually who they say they are and neither party can say they did not send/receive the transmission. The question has nothing to do with exchange of keys but it does with Authentication with biometrics.

upvoted 1 times

🗨️ 👤 **Santi247365** 2 years, 7 months ago

I misspoke. The use of biometrics would send a key/signature whenever the retina is scanned. Therefore the answer is A. Non-repudiation.

upvoted 1 times

🗨️ 👤 **[Removed]** 2 years, 11 months ago

Selected Answer: A

In my opinion the correct answer based on the question's phrasing is A.

upvoted 2 times


Which of the following is an advantage of installing an application to the cloud?

- A. Data is not stored locally.
- B. Support is not required.
- C. Service is not required.
- D. Internet access is not required.

Correct Answer: A

Community vote distribution


A (100%)

 **Davis.jade** 7 months, 4 weeks ago

Selected Answer: A

Answer is A

upvoted 1 times

 **Micka87** 1 year, 10 months ago

A) Data is not stored locally

upvoted 1 times

 **Sweet_Certified7** 2 years ago



Storing the data to cloud means we need internet access and the data will be stored on the server

upvoted 1 times

A small company wants to set up a server that is accessible from the company network as well as the Internet. Which of the following is MOST important to determine before allowing employees to access the server remotely?



- A. The quality of the computer used to connect
- B. A security method of allowing connections
- C. The employees' home ISP speeds
- D. The geographical location of the employees

Correct Answer: B

  **samuelTM** 9 months, 1 week ago

safe is important

upvoted 1 times

  **sarahvp** 1 year, 11 months ago

B- a security measure of allowing connection.

upvoted 1 times

A program needs to choose apples, oranges, or bananas based on an input. Which of the following programming constructs is BEST to use?

- A. Variable
- B. If
- C. Datatype
- D. Comment

Correct Answer: B

Community vote distribution

B (67%)

A (33%)

🗨️ **Colonel23** 9 months, 2 weeks ago

Selected Answer: B

constructs are things like If, Then, Else type of statements. So the answer is B.

upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: B

B.If is the answer.

upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: A

IF is the Answer.

upvoted 1 times

A UPS provides protection against:

- A. denial of service
- B. replay attack.
- C. power outages.
- D. wiretapping.

Correct Answer: C

Community vote distribution

C (100%)

🗳️ 👤 **Davis.jade** 7 months, 4 weeks ago

Selected Answer: C

C.Power Outages.
upvoted 2 times

🗳️ 👤 **Amycert** 1 year, 9 months ago

Selected Answer: C

C. power outages.
upvoted 2 times

🗳️ 👤 **FaisalJ** 3 years, 2 months ago

A UPS (Uninterruptable Power Supply) protects against certain power problems. Mainly it protects against blackouts, brownouts, noise, spikes, and power surges
upvoted 2 times

🗳️ 👤 **Sweety_Certified7** 2 years ago

It doesn't protect against power surges.. A surge protector protects against power surges/spikes
upvoted 3 times

A company executive wants to view company training videos from a DVD. Which of the following components would accomplish this task?

- A. Optical drive
- B. Hard disk drive
- C. Solid state drive
- D. Flash drive

Correct Answer: A

🗨️ **morningwood** 4 months, 1 week ago

HDD and SSD are for internal storage of a hardware.

Flash drive is for external storage but not a DVD, it's basically a USB.

Process of elimination!

I am saying all this so I can remember easier.

upvoted 1 times

🗨️ **Sweety_Certified7** 1 year, 6 months ago

A DVD is an Optical drive,so what we need is an Optical drive

upvoted 3 times

A technician is troubleshooting a problem. The technician tests the theory and determines the theory is confirmed. Which of the following should be the technician's NEXT step?

- A. Implement the solution.
- B. Document lessons learned.
- C. Establish a plan of action.
- D. Verify full system functionality.

Correct Answer: C

🗨️ 👤 **teejay82** 1 year, 6 months ago

I think it should be implement the solution since the theory has been determined and confirmed
upvoted 2 times

🗨️ 👤 **Gordon_S1** 1 year, 5 months ago

In the CompTIA's troubleshooting model, it goes like this:
Step 3: Establish a theory of probable cause
Step 4: Test the theory to determine cause
Step 5: Establish a plan of action to resolve the problem
Step 6: Implement the solution (or escalate as necessary)
upvoted 3 times

🗨️ 👤 **Carson_10** 9 months, 2 weeks ago

establishing a plan comes before implementing the solution
upvoted 2 times

Given the following pseudocode:

```
program Breakfast
weekday = ["Monday", "Tuesday", "Wednesday", "Thursday", "Friday"]
weekend = ["Saturday", "Sunday"]
  if today == Wednesday
    output "Bacon and eggs"
  else if today == Firday
    output "Oatmeal"
  else if today in weekend
    output "Waffles"
  else
    output "Pancakes"
end
```

If the Breakfast program ran on Sunday, which of the following would be the output?

- A. Oatmeal
- B. Bacon and eggs
- C. Waffles
- D. Pancakes

Correct Answer: C

Community vote distribution

C (100%)

🗨️ **samuelTM** 9 months, 1 week ago

Selected Answer: C

pancake is for every other day that wasn't sayed
upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: C

C is the answer
upvoted 1 times

🗨️ **Pblackmon26** 1 year, 9 months ago

A piece of Bread
upvoted 1 times

🗨️ **MR_HUH** 10 months ago

huh what does "a piece of bread" have any relevance?
upvoted 1 times

🗨️ **Sav123** 4 years, 8 months ago

"Firday" and "Else if today in weekend" really threw me off
upvoted 3 times

🗨️ **ShowMeTheButter** 3 years, 8 months ago

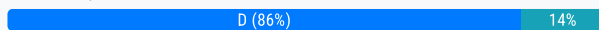
Come back on Firday and get nothing haha!
upvoted 1 times

A desktop administrator just connected a printer to a workstation, but the workstation does not recognize the printer. Which of the following does the workstation MOST likely need for the printer to function?

- A. Permission
- B. Ink cartridge
- C. USB cable
- D. Driver

Correct Answer: D

Community vote distribution



🗨️ **samuelTM** 9 months, 1 week ago

Selected Answer: D

D built in

upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: D

D. Driver

upvoted 1 times

🗨️ **oxidiu** 2 years, 1 month ago

Selected Answer: D

if it is not recognised when plugged in it certainly needs a driver

upvoted 2 times

🗨️ **Shane214** 2 years, 2 months ago

Selected Answer: D

The user has administrator permissions, therefore the only plausible answer would be D.

upvoted 1 times

🗨️ **Amycert** 2 years, 2 months ago

Selected Answer: D

D. Driver

upvoted 1 times

🗨️ **Micka87** 2 years, 4 months ago

D) Driver

upvoted 1 times

🗨️ **CBStinger** 2 years, 5 months ago

Selected Answer: A

Wouldn't it be A?

upvoted 1 times

🗨️ **LeDarius3762** 2 years, 1 month ago

No, because the printer isn't even working when connected, that means a driver's missing. The key word here is "recognize"

upvoted 4 times

Which of the following BEST describes a kilobyte?

- A. A kilobyte is a measurement of storage (e.g., 100KB).
- B. A kilobyte is a measurement of throughput (e.g., 100Kbps).
- C. A kilobyte is a measurement of power (e.g., 100KW).
- D. A kilobyte is a measurement of processor speed (e.g., 2.4KHz).

Correct Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **Davis.jade** 7 months, 4 weeks ago

Selected Answer: A

A is the answer
upvoted 1 times

🗨️ 👤 **Micka87** 1 year, 10 months ago

A) A kilobyte is a measurement of storage
upvoted 2 times

Which of the following security concerns is a threat to confidentiality?

- A. Replay attack
- B. Denial of service
- C. Service outage
- D. Dumpster diving

Correct Answer: D

Community vote distribution

D (93%)

7%

- 🗳️ **skorpio26** Highly Voted 5 years, 1 month ago
it should be dumpster diving, replay attack is a integrity concern.
upvoted 15 times
- 🗳️ **AhmadHamid** Highly Voted 5 years, 2 months ago
I think it should be D for confidentiality because replay would be an issue with integrity.
upvoted 8 times
- 🗳️ **samuelTM** Most Recent 9 months, 1 week ago
Selected Answer: D
A have nothing to do with this
upvoted 1 times
- 🗳️ **Davis.jade** 1 year, 1 month ago
Selected Answer: A
Replay attack
upvoted 1 times
- 🗳️ **yanis88** 1 year, 7 months ago
Selected Answer: D
A. Replay attack --> Integrity: It is not an attack on confidentiality because the attacker isn't learning any new information: the attackers have the same data than what they recorded in the first place. Although, it might lead to an unauthorized access but that is a different issue. It is not an attack on availability because the target system will still be functioning normally (again, unless the replay attack opens up the way for a different kind of exploit). It is, however, a breach of the system integrity because it allowed an unauthorized transaction. Further, the attacker might not know what the message is about if it's encrypted!
<https://security.stackexchange.com/a/104548>

Correct answer is D.
upvoted 2 times
- 🗳️ **oxidu** 2 years, 1 month ago
Selected Answer: D
I agree with the others, A is wrong, dumpster diving is a confidentiality concern, and that's why papers in the office should be destroyed before thrown away
upvoted 3 times
- 🗳️ **Amycert** 2 years, 2 months ago
Selected Answer: D
Attacks on confidentiality can include snooping, eavesdropping, wiretapping, social engineering, and dumpster diving.
upvoted 1 times
- 🗳️ **Micka87** 2 years, 4 months ago
A) Replay Attack
upvoted 1 times
- 🗳️ **Some_Random_Nerd** 2 years, 6 months ago
Selected Answer: D

Dumpster diving for sure.

upvoted 2 times

🗨️ 👤 **[Removed]** 2 years, 12 months ago

Selected Answer: D

D is the correct answer

upvoted 2 times

🗨️ 👤 **[Removed]** 3 years ago

Selected Answer: D

Definitely D

upvoted 2 times

🗨️ 👤 **KevinVDE** 3 years ago

Selected Answer: D

Should be D, replay is integrity

upvoted 1 times

🗨️ 👤 **Dion79** 3 years, 5 months ago

Confidentiality means that information is only revealed to authorized people. This can be compromised in a number of ways:

Snooping—this is any attempt to get access to information on a host or storage device (data at rest) that you are not authorized to view. An attacker might steal a password or find an unlocked workstation with a logged-on user account, or they might install some sort of spyware on the host.

Eavesdropping/wiretapping—this is snooping on data or telephone conversations as they pass over the network. Snooping on traffic passing over a network is also often called sniffing. It can be relatively easy for an attacker to "tap" a wired network or intercept unencrypted wireless transmissions. Networks can use segmentation and encryption to protect data in-transit.

Social engineering/dumpster diving—this means getting users to reveal information or finding printed information. We'll discuss this topic in more detail later in this unit.

upvoted 2 times

🗨️ 👤 **Dion79** 3 years, 5 months ago

I'd go with D

upvoted 2 times

🗨️ 👤 **Cybersmartie** 3 years, 8 months ago

Agree. The answer is Dumpster Diving.

upvoted 3 times

🗨️ 👤 **sk1986** 4 years ago

Confidentiality means information revealed only to an authorized person, so dumpster diving is a confidentiality concern. Not integrity as that would be intercepting data e.g. MITM, impersonation and REPLAY attacks. I have got this officially from the CompTIA certmaster app.

upvoted 4 times

🗨️ 👤 **Surfyo** 4 years, 1 month ago

The answer is dumpster diving which is part of social engineering, replay is for integrity concern

upvoted 1 times

Which of the following software license models allows a developer to modify the original code and release its own version of the application?

- A. Proprietary software
- B. Commercial software
- C. Open source software
- D. Cross-platform software

Correct Answer: C

Community vote distribution

C (100%)

  **Dion79**  2 years, 10 months ago

Open source means that the programming code used to design the software is freely available. Open source doesn't necessarily mean available for free (although many distributions are); it means that developers are free to make changes to the way the operating system works, so long as they make the changes they have made available in turn. Some software vendors are reluctant to make their source code available to third parties fearing piracy, infringement of copyright, and loss of market position. This means that users of these systems must wait for the vendor to make the modifications they need, if they make them at all. The open source model claims to make improvements to software available more quickly and cost-effectively.

UNIX, Linux, and Android are examples of open source operating systems.

upvoted 5 times

  **Davis.jade**  7 months, 4 weeks ago

Selected Answer: C



Open-source Software

upvoted 1 times

Which of the following are the basic computing operations?

- A. Input, process, output, and feedback
- B. Input, output, storage, and feedback
- C. Input, process, and output
- D. Input, process, output, and storage

Correct Answer: *D*

  **Micka87** 4 months, 1 week ago

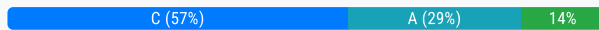
D) Input, process, output, and Storage
upvoted 1 times

Which of the following would work BEST stored as a flat file rather than stored in a database?

- A. Contact list
- B. Movie theater locations
- C. Directions to doctor's office
- D. Store inventory

Correct Answer: C

Community vote distribution



youcandothisstew Highly Voted 4 years, 8 months ago

Is this the correct answer? I feel like C is more applicable. What am I missing?
upvoted 14 times

teejay82 Highly Voted 1 year, 6 months ago

Directions to a specific location, such as a doctor's office, are usually simple textual or map-based data that doesn't require frequent updates or complex queries, Hence direction to the doctors office is the best and right answer.

A contact list can include multiple fields (e.g., name, address, phone number) and may need to be queried or sorted. A database is more suitable for efficiently managing and retrieving contact information.

Movie theater Locations data may include multiple attributes (e.g., address, showtimes, seating capacity) and could benefit from a database for easier management and searching.

Store Inventory data often involves multiple attributes (e.g., product ID, description, quantity, price) and requires frequent updates, querying, and reporting. A database is well-suited for this purpose.

upvoted 6 times

samuelTM Most Recent 9 months, 1 week ago

Selected Answer: B

this should only have two factor need to store, so this should be the right answer
upvoted 1 times

ROCompTIA 10 months, 1 week ago

Selected Answer: A

is CSV
upvoted 1 times

Davis.jade 1 year, 1 month ago

Selected Answer: A

contact list
upvoted 1 times

yanis88 1 year, 7 months ago

Selected Answer: C

If I had to choose two would be A and C, but since it's a single answer I lean to C.

The wording is not clear enough and too vague. For example, contact lists may have names, phones, emails, locations, notes, work, type of contact (e.g. friend, colleague etc.), notes etc. and you can group them. On the other hand directions to a place seem more appropriate to be a flat file, so you have a list of doctors and the directions. Nevertheless, both can be complex so...

upvoted 1 times

Some_Random_Nerd 2 years, 6 months ago

Selected Answer: C

directions to the office would be something you would literally print out and take with you the one time you needed it. it wouldnt change, receive frequent additions or updates, and it isn't a list like all of the other three choices.

upvoted 3 times

🗨️ 👤 **Dion79** 3 years, 5 months ago

Contact list is the answer. Your storing contact list for individuals not a company. The other provided answers would require a relational DB.

upvoted 1 times

🗨️ 👤 **Dion79** 3 years, 5 months ago

Both contact list or doctors directions. Now depending on how many doctors and how many doctor locations? Some doctor's have multiple locations, If you're talking about many doctors and many locations you would need a structure DB.

upvoted 1 times

🗨️ 👤 **trickerk** 3 years, 9 months ago

A because contacts list can be stored in a simple and single tabular structure.

upvoted 1 times

🗨️ 👤 **Drewmeister** 3 years, 11 months ago

Feels more like the directions to the doctors office would be better stored as a flat file. A flat file is typically unstructured and all the other possibilities lend themselves to a database structure. Contacts lists are names, addresses and phone numbers which a database is very well suited to.

upvoted 1 times

🗨️ 👤 **yikes91** 4 years, 3 months ago

A, is relevant because flat files contain simple information that are simply stored and dont contain complex directions. Directions layed out to the doctors office would be too much now would it.

upvoted 3 times

🗨️ 👤 **boy_in_solah** 4 years, 3 months ago

I feel the answer should be C

upvoted 1 times

🗨️ 👤 **esscee** 4 years, 6 months ago

I also think the answer should be C

upvoted 3 times

An administrator grants permission for a user to access data in a database. Which of the following actions was performed?

- A. Data correlation
- B. Data manipulation
- C. Data gathering
- D. Data definition

Correct Answer: D

Community vote distribution

D (67%)

B (33%)

Abka Highly Voted 4 years, 7 months ago

In the IT Fundamentals+ (ITF+) exam objectives, permissions are listed under the data definition header. This is probably because when creating a database or table, it's critical to ensure that the right security is implemented.

So, Permissions are also considered part of data definition.

upvoted 7 times

lexxone Most Recent 1 month, 1 week ago

Selected Answer: D

D. Data definition

Granting permissions for a user to access data in a database falls under Data Definition, as it involves managing access control, user privileges, and security settings. This is typically done using Data Definition Language (DDL) commands such as GRANT and REVOKE in SQL.

upvoted 1 times

Jappo 2 months, 3 weeks ago

Selected Answer: D

Data definition involves defining, modifying, or specifying the structure and organization of data within a database. This includes granting permissions or privileges to users, which allows them to access or manipulate the data according to their assigned roles or access levels.

upvoted 1 times

samuelTM 9 months, 1 week ago

Selected Answer: B

B right

upvoted 1 times

Idkhelpme 2 years ago

In reality its considered Data Control which is not listed

upvoted 1 times

Dion79 3 years, 5 months ago

In an RDBMS, the use of Structured Query Language (SQL) relational methods is critical to creating and updating the database.

These relational methods can be split into two types

Data Definition Language (DDL) commands refer to SQL commands that add to or modify the structure of the database

Data Manipulation Language (DML) commands allow you to insert or update records and extract information from records for viewing (a query):

SQL supports a secure access control system where specific user accounts can be granted rights over different objects in the database (tables, columns, and views for instance) and the database itself. When an account creates an object, it becomes the owner of that object, with complete control over it.

Permission statements can be considered as Data Definition Language (DDL) commands, like CREATE and DROP.

upvoted 1 times

An employee is asked to generate a report on a student information system. The employee uses spreadsheet software and connects to a remote database to pull data for the report. Which of the following types of application architectures did the employee use?

- A. Standalone application
- B. Client-server application
- C. Web application
- D. Cloud application

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Ann, a user, is experiencing difficulty getting her IP-based security camera to function at her house after a rain storm that caused a power interruption. The camera has an LED light indicating it has power. Which of the following is MOST likely the problem?

- A. The power interruption caused the camera to malfunction.
- B. Ann has a compatibility problem with the camera.
- C. A firmware update needs to be applied to the camera.
- D. Ann's Internet connection and wireless router are still down.

Correct Answer: D

Community vote distribution

D (67%)

A (33%)

🗨️ **samuelTM** 9 months, 1 week ago

Selected Answer: A

A is the right answer

upvoted 1 times

🗨️ **Davis.jade** 1 year, 1 month ago

Selected Answer: D

D is the answer.

upvoted 1 times

🗨️ **ROCompTIA** 1 year, 9 months ago

Selected Answer: D

Because

upvoted 1 times

🗨️ **Amycert** 2 years, 2 months ago

Selected Answer: D

D. Ann's Internet connection and wireless router are still down.

upvoted 4 times

🗨️ **Some_Random_Nerd** 2 years, 6 months ago

Selected Answer: A

a power blip would easily cause a device to hang and need a reset. that's where I would start.

upvoted 2 times

🗨️ **ROCompTIA** 1 year, 9 months ago

No logic here

upvoted 1 times

🗨️ **fearlessleadermuaveglenn** 4 years, 4 months ago

lightning could cause the wireless adapter to short out just because it has power does not mean wireless is working

upvoted 4 times

A programmer needs to store output in a place that can be accessed as quickly as possible. The data does not need to remain persistent. Which of the following is the BEST option for storing the data?

- A. Flat file
- B. Memory
- C. Relational database
- D. Solid state drive

Correct Answer: B

Community vote distribution

B (100%)

Abka **Highly Voted** 4 years, 7 months ago

B. Memory is best option.

Explanation:

The data does not need to remain persistent. And we know that all data in memory is lost if your computer loses power.

upvoted 11 times

samuelTM **Most Recent** 9 months, 1 week ago

Selected Answer: B

memory should be the one

upvoted 1 times

Davis.jade 1 year, 1 month ago

Selected Answer: B

B is the answer.

upvoted 1 times

veliyath 1 year, 6 months ago

B. Memory is the best option.

The BEST option for storing data that needs to be accessed as quickly as possible and doesn't need to remain persistent is "Memory."

upvoted 1 times

yanis88 1 year, 7 months ago

Selected Answer: B

Persistent data is data which you want to be available even after you fully close and restart your app.

The three most common ways to save this data locally is by using SharedPreferences, a local database or the file system (store data as a file).

Given that this question mentions the non-persistent data -> should be in memory + much faster than storing in a hard drive!

upvoted 2 times

alexgee 2 years, 1 month ago

Selected Answer: B

.....

upvoted 1 times

Biggab 2 years, 2 months ago

Selected Answer: B

Why mention data persistence not being necessary if its not to do with RAM?

upvoted 2 times

[Removed] 2 years, 12 months ago

Selected Answer: B

The answer is B

upvoted 3 times

🗨️ **trickerk** 3 years, 9 months ago

B. Because data does not need to remain persistent.

upvoted 2 times

🗨️ **Drewmeister** 3 years, 11 months ago

... similarly, accessing data from memory (as asked in the question) is significantly faster than accessing the same data from a flat file. This is because the data held in the flat file would need to be accessed from disk storage and loaded into RAM (memory) before it could be used anyway.

upvoted 3 times

🗨️ **Drewmeister** 3 years, 11 months ago

Writing data to memory is orders of magnitude faster than writing data out to a flat file. The question states that persistence is not an issue, so memory should be the correct answer here.

upvoted 2 times

🗨️ **Abka** 4 years, 7 months ago

Filesystem Persistence

One way to achieve persistence is to simply save data to so-called "flat files".

upvoted 1 times

Which of the following intellectual property concepts BEST represents a legally protected slogan of a business?

- A. Contract
- B. Patent
- C. Copyright
- D. Trademark

Correct Answer: D

  **Dion79**  5 months ago

Trademark - As copyright is not given to the selection of a name, if a company wants to promote its goods it will normally trademark its name and/or logo. A trademark must be distinctive within the industry in which the company is selling goods and services. An ordinary trademark is indicated by the ™ symbol. A registered trademark is indicated by ®.

If you re-use or imitate an existing trademark, you are liable to legal action from the owner.

Copyright is automatic legal protection granted to certain types of work indicating that the copyright holder owns the right to control the use of the work, including rights of publication, distribution, or sale. There is no need to apply for copyright or display any copyright notice in order to be protected by it. The creation of the work ensures copyright protection automatically. Nonetheless, in case of a dispute, you might need to prove when the work was created in order to defend yourself against charges of plagiarism. Plagiarism is the unacknowledged or unauthorized use of someone else's work.

upvoted 5 times

Which of the following is a wireless communication that requires devices to be within 6in of each other to transfer information?

- A. Infrared
- B. NFC
- C. Bluetooth
- D. WiFi

Correct Answer: B

Community vote distribution

B (100%)

🗨️ 👤 **oxidu** 8 months ago

Selected Answer: B

The question is wrong.
upvoted 1 times

🗨️ 👤 **Wilfred** 2 years, 6 months ago

$6 \times 2.54 = 15.24\text{cm} < 2\text{cm}$, so B NFC
upvoted 2 times

🗨️ 👤 **ALG_ALG** 3 years, 2 months ago

Is this answer correct? The Internet says 4 inches and Testout curriculum says 1.5 inches.
upvoted 2 times

🗨️ 👤 **[Removed]** 1 year, 5 months ago

This answer is correct. Also look at the other choices, whatever the actual maximum range for NFC is, the rest is way more than 6 inches.
upvoted 1 times

The IT department has established a new password policy for employees. Specifically, the policy reads:

- ⇒ Passwords must not contain common dictionary words
- ⇒ Passwords must contain at least one special character.
- ⇒ Passwords must be different from the last six passwords used.
- ⇒ Passwords must use at least one capital letter or number.

Which of the following practices are being employed? (Choose two.)

- A. Password lockout
- B. Password complexity
- C. Password expiration
- D. Passwords history
- E. Password length
- F. Password age

Correct Answer: *BD*

🗨️ 👤 **Henryjames7056** 6 months, 3 weeks ago

What about password age here?

upvoted 1 times

Which of the following would MOST likely prevent malware sent as compromised file via email from infecting a person's computer?

- A. Email previewing
- B. Patching
- C. Clear browsing cache
- D. Kill process

Correct Answer: B

🗨️ **trickerk** 1 year, 9 months ago

"Patching" because malware has been "sent", so patching the target software/system with fixed code can block the effects of malware.
upvoted 4 times

🗨️ **JassuSingh** 1 year, 10 months ago

can someone please explain this? It would be much appreciated.
upvoted 2 times

🗨️ **tmvdhdn** 1 year, 6 months ago

Patch(update) the system(windows ect) to block the malware
upvoted 3 times

🗨️ **[Removed]** 11 months, 3 weeks ago

The idea here is that by keeping the system updated with the latest patches, you are doing the best you can to fix any vulnerability in the O/S (or software) that the malware might exploit.
That is regardless of any other protection measure you may have implemented.
upvoted 7 times

🗨️ **Sweety_Certified7** 6 months, 2 weeks ago

We'll explained
upvoted 1 times

A user wants to use a laptop outside the house and still remain connected to the Internet. Which of the following would be the BEST choice to accomplish this task?

- A. Thunderbolt cable
- B. Bluetooth module
- C. Infrared port
- D. WLAN card

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Joe, a user, finds out his password for a social media site has been compromised. Joe tells a friend that his email and banking accounts are probably also compromised. Which of the following has Joe MOST likely performed?

- A. Password reuse
- B. Snooping
- C. Social engineering
- D. Phishing

Correct Answer: A

🗨️ **Dion79** 1 year, 11 months ago

I like A

upvoted 3 times

🗨️ **Godiva** 3 years, 5 months ago

This the right answer? I think it could be C.

upvoted 1 times

🗨️ **nelsonwos** 3 years, 4 months ago

Keep in mind the question asks for the most likely scenario and since the question goes out of its way to state that multiple accounts have been compromised due to the discovery of one password, the most likely cause would be password reuse

upvoted 4 times

🗨️ **IDTENT** 8 months ago

It states: Which of the following has Joe MOST likely performed? Joe isn't social engineering anyone. The answer is A.

upvoted 1 times

🗨️ **Jaelski** 3 years, 3 months ago

It's A. He must've used the same password from his social media to his other accounts.

upvoted 6 times

A technician is installing a new wireless network and wants to secure the wireless network to prevent unauthorized access. Which of the following protocols would be the MOST secure?

- A. WPA
- B. SSID
- C. WEP
- D. WPA2

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following network protocols will MOST likely be used when sending and receiving Internet email? (Choose two.)

- A. SMTP
- B. POP3
- C. SNMP
- D. DHCP
- E. ICMP
- F. SFTP

Correct Answer: *AB*

Currently there are no comments in this discussion, be the first to comment!

A database administrator finds that a table is not needed in a relational database. Which of the following commands is used to completely remove the table and its data?

- A. UPDATE
- B. DELETE
- C. ALTER
- D. DROP

Correct Answer: D

🗨️ 👤 **Dion79** 3 years, 4 months ago

CREATE—this command can be used to add a new database on the RDBMS server (CREATE DATABASE) or to add a new table within an existing database (CREATE TABLE). The primary key and foreign key can be specified as part of the table definition.

ALTER TABLE—this allows you to add, remove (drop), and modify table columns (fields), change a primary key and/or foreign key, and configure other constraints. There is also an ALTER DATABASE command, used for modifying properties of the whole database, such as its character set.

DROP—this is the command used to delete a table (DROP TABLE) or database (DROP DATABASE). Obviously, this also deletes any records and data stored in the object.

CREATE INDEX—specifying that a column (or combination of columns) is indexed speeds up queries on that column. The tradeoff is that updates are slowed down slightly (if the column is not suitable for indexing, updates may be slowed down quite a lot.) The DROP INDEX command can be used to remove an index.

There are also SQL commands allowing permissions (access controls) to be configured. These are discussed in the upcoming pages.

upvoted 4 times

🗨️ 👤 **Sweety_Certified7** 2 years, 6 months ago

What is the delete command?

The rest..we'll explained. Tq

upvoted 1 times

🗨️ 👤 **PetrexCornflex** 8 months, 2 weeks ago

The `DELETE` command is used to remove rows from a table, but it does not remove the table itself. The table structure and its columns remain intact. If the goal is to completely remove the table and its data, the `DROP` command is necessary. The `DROP` command deletes the entire table, including its structure and all data within it, from the database.

upvoted 1 times

A technician is called to replace a display for a workstation. Which of the following would MOST likely be used to connect the display to the workstation?

- A. USB
- B. NFC
- C. DSL
- D. DVI

Correct Answer: *D*

🗨️ **pauliwog** 6 months, 2 weeks ago

Even though DVI is not commonly used anymore, D is the most logical answer. HDMI or Display Cable is what is Most commonly Used today.
upvoted 1 times

🗨️ **Dion79** 2 years, 11 months ago

I will go with anser D: DVI
upvoted 2 times

🗨️ **trickerk** 3 years, 3 months ago

A DVI, once VGA isn't listed.
upvoted 2 times

🗨️ **FCrosby** 4 years, 4 months ago

Yeah, that's not right...
upvoted 2 times

🗨️ **Jaelski** 4 years, 3 months ago

The answer is correct. A DVI is used for displays. Other types include VGA, DisplayPort (DP) and HDMI.
upvoted 14 times

🗨️ **lazaro** 4 years, 3 months ago

Yes, it is right.
upvoted 7 times

Ann, the president of a company, has requested assistance with choosing the appropriate Internet connectivity for her home. The home is in a remote location and has no connectivity to existing infrastructure. Which of the following Internet service types should MOST likely be used?

- A. Fiber
- B. DSL
- C. Cable
- D. Satellite

Correct Answer: *D*

🗨️ 👤 **Moskis** 8 months ago

Satelite should go its in rural areas
upvoted 2 times

🗨️ 👤 **FaisalJ** 1 year, 1 month ago

Since the home is remote all answers except D does not require a cable. So the answer is D
upvoted 3 times

Which of the following is MOST likely used to represent international text data?

- A. ASCII
- B. Octal
- C. Hexadecimal
- D. Unicode

Correct Answer: *D*

 **FaisalJ**  7 months, 3 weeks ago

Answer D

Unicode is the universal character encoding used to process, store and facilitate the interchange of text data in any language
upvoted 7 times


For a disaster recovery exercise, a company wants to ensure customer data is recovered before operational data. This is an example of:

- A. redundancy.
- B. replication.
- C. prioritization.
- D. fault tolerance.

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 1 month, 1 week ago

Selected Answer: C

C. Prioritization.

In a disaster recovery exercise, ensuring that customer data is recovered before operational data demonstrates prioritization, as it focuses on restoring the most critical data first to minimize business impact.

upvoted 1 times

Which of the following operating systems do not require extensions on files to execute a program? (Choose two.)


- A. Windows 7
- B. Windows 8
- C. UNIX
- D. Windows Server 2012
- E. Android
- F. Linux

Correct Answer: *CF*

  **Sweety_Certified7** 1 year ago

Can anyone explain this question

upvoted 1 times

  **Amycert** 9 months ago

Linux and Unix don't need file extensions, and don't use them to determine how to run an executable file

upvoted 2 times

A technician needs to install a wireless router for a client that supports speeds up to 11Mbps and operates on the 2.4GHz band. Which of the following should the technician select?

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Correct Answer: B

  **Dion79** Highly Voted 5 months ago

802.11a (1999) 54 Mbps 5 GHz

802.11b (1999) 11 Mbps 2.4 GHz

802.11g (2003) 54 Mbps 2.4 GHz

802.11n (2009) 72.2 Mbps/stream (Single Channel) 150 Mbps/stream (Bonded Channels) 2.4/5 GHz

802.11ac (2013) 1.7 Gbps (at time of writing) 5 GHz

upvoted 16 times

Which of the following is an example of multifactor authentication?

- A. Password and passphrase
- B. Fingerprint and retina scan
- C. Hardware token and smartphone
- D. Smart card and PIN

Correct Answer: D

Community vote distribution

D (100%)

 **Amycert** 9 months ago

Selected Answer: D

examples of factors:

- Password
 - PIN
 - One-time password
 - Software token
 - Hardware token
 - Biometrics
 - Specific location
- upvoted 1 times

 **CoolKidWSunglasses** 2 years, 1 month ago

Why is it not C?

upvoted 1 times

 **Sweety_Certified7** 1 year ago

Because hardware token and smartphone are possession factors(something u have). And smart card is possession factor(something u have) and PIN is knowledge factor(something u know).☺

upvoted 1 times

 **Sweety_Certified7** 1 year ago

C has both possession factors only. D has possession and knowledge factors

And the question is asking for multifactor authentication.

Got it?

upvoted 1 times

 **chrisradio22** 2 years ago

It's not C because those are two "Things you have(posess)".

It's D because the 2 factors are "something you have"(security card) and "something you know"(the pin # for the security card)

All of the other answers are single factor as well.

upvoted 3 times

Which of the following language types would a web developer MOST likely use to create a website?

- A. Interpreted
- B. Query
- C. Compiled
- D. Assembly

Correct Answer: A

Community vote distribution

A (100%)

- 🗨️ **trickerk** Highly Voted 2 years, 3 months ago
MOST used languages for Web Development are:
- HTML: is a description language.
- JavaScript: is a programming language.
- CSS: is a style language.
All are interpreted by the browser engine.
upvoted 9 times
- 🗨️ **NavySteel** 2 years, 1 month ago
Very helpful for remembering this information.
upvoted 3 times
- 🗨️ **sarahvp** Most Recent 5 months, 2 weeks ago
Selected Answer: A
interpreted
upvoted 1 times
- 🗨️ **Amycert** 9 months ago
Selected Answer: A
Interpreted languages:
- Scripting languages
- Scripted languages
- Markup languages
upvoted 2 times
- 🗨️ **andrewdh** 1 year, 8 months ago
Question asks for "CREATE" website - php and python are most common
upvoted 1 times
- 🗨️ **Jaelski** 3 years, 3 months ago
Is it not markup languages?
upvoted 2 times
- 🗨️ **Sav123** 3 years, 2 months ago
I would have to agree should be markup
upvoted 1 times
- 🗨️ **Sweety_Certified7** 1 year ago
HyperText Markup Language (HTML) is the most popular markup language in the world, and it is a must-learn for front-end web developers.
I think so too👍
upvoted 1 times
- 🗨️ **Idkhelpme** 7 months, 1 week ago
U can do very little with HTML. You would need to other languages (JS, Python, PHP) to build a fully operational website. Regardless HTML is still an interpreted form of language
upvoted 1 times

A developer is creating specific step-by-step instructions/procedures and conditional statements that will be used by a computer program to solve problems.

Which of the following is being developed?

- A. Algorithm
- B. Software
- C. Pseudocode
- D. Flowchart

Correct Answer: A

Community vote distribution

A (100%)

🗳️ **trickerk** Highly Voted 2 years, 3 months ago

Algorithm is correct. You can use a pseudocode/flowchart do describe an algorithm.
upvoted 10 times

🗳️ **lexxone** Most Recent 1 month, 1 week ago

Selected Answer: A

A. Algorithm

An algorithm is a set of step-by-step instructions and conditional statements that a computer program follows to solve a problem. It serves as the foundation for writing software, guiding how data is processed and decisions are made.

upvoted 1 times

🗳️ **Ishmam** 7 months, 1 week ago

What is the correct answer?

upvoted 1 times

🗳️ **Amycert** 9 months ago

Selected Answer: A

algorithm: Set of rules for solving a problem in a given number of steps

upvoted 3 times

🗳️ **brianp** 1 year, 6 months ago

It's D

upvoted 1 times

🗳️ **Ster** 3 years, 2 months ago

I think its "C" Please check it.

upvoted 1 times

🗳️ **Idkhelpme** 7 months, 1 week ago

"instructions" made it more difficult that it needs to be. Think of pseudocode as a description of the code in a more readable manner. It would be D

upvoted 1 times

🗳️ **skymaine123** 3 years, 4 months ago

yes i thought D

upvoted 1 times

🗳️ **h4mad** 3 years, 5 months ago

Isn't it Flowchart

upvoted 1 times

🗳️ **AhmadHamid** 3 years, 8 months ago

Bad question. Algorithm is pseudocode. Very similar.

upvoted 2 times

A startup company has created a logo. The company wants to ensure no other entity can use the logo for any purpose. Which of the following should the company use to BEST protect the logo? (Choose two.)

- A. Patent
- B. Copyright
- C. NDA
- D. Trademark
- E. EULA

Correct Answer: *BD*

Currently there are no comments in this discussion, be the first to comment!

Which of the following would be BEST to keep the data on a laptop safe if the laptop is lost or stolen?

- A. Host-based firewall
- B. Strong administrator password
- C. Anti-malware software
- D. Full disk encryption

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

In which of the following situations should there be some expectation of privacy?

- A. Posting a comment on a friend's social media page
- B. Submitting personal information on a school enrollment site
- C. Posting a comment on a video sharing site
- D. Sending email and pictures to a close relative

Correct Answer: B

🗨️ 👤 **Quallie** 2 years, 1 month ago

According to the criminal code, and case law, there is an expectation of privacy when sending emails as well.
upvoted 4 times

🗨️ 👤 **sakshi_P** 10 months ago

True but it says the BEST so it would be the school one
upvoted 2 times

🗨️ 👤 **Idkhelpme** 7 months, 1 week ago

The option includes email to close relative which is why I believe the school fits best. But you are correct
upvoted 1 times


Which of the following data types should a developer use when creating a variable to hold a postal code?

- A. Integer
- B. String
- C. Float
- D. Boolean

Correct Answer: B

Community vote distribution

B (100%)

 **yanis88** 7 months, 3 weeks ago

Selected Answer: B

I've seen a lot of confusion in the comments here, but we need to think out of the box! Some countries use only numbers for postcodes, whilst others a combination of letters/characters and numbers (i.e. UK). If your database is only used for a specific area that only a certain type of postcodes is used (e.g. number) you can use integers and throw a warning if the field is of a different type OR go with string types and simply cast/convert to integer (if that conversion fails --> it's not only numbers).

String so that we cover all different cases

upvoted 4 times

 **Idkhelpme** 1 year, 1 month ago

U learn something new everyday. Didn't even know postal codes could have - and letters.

upvoted 4 times

 **Amycert** 1 year, 2 months ago

Selected Answer: B


string, because of the "-" character

upvoted 2 times

 **Theasianmushroom** 2 years, 4 months ago

It should be a string because you wouldn't need to use the numbers inside of the postal code for computation, so a string format would be more efficient


upvoted 2 times

 **FaisalJ** 2 years, 7 months ago

B. String


A postal code (also known locally in various English-speaking countries throughout the world as a postcode, post code, PIN or ZIP Code) is a series of letters or digits or both

upvoted 2 times

 **trickerk** 2 years, 9 months ago

String is correct because some postal codes starts with zeros.

upvoted 2 times

 **Dirkster** 2 years, 9 months ago

B is correct. an integer is used in calculations. Even though a postal code is a number, it's used as text(string) to ID a location, and not used in maths.

upvoted 4 times

 **CyberChic** 2 years, 10 months ago

It should be integer. Not a string.

upvoted 2 times

 **urnaflipflop** 1 year ago

some postal codes start with 0 and integer wouldn't read the 0

upvoted 1 times

 **yosana** 2 years, 11 months ago

it should be A I think,
upvoted 2 times

Which of the following is the closest to machine language?

- A. Scripted languages
- B. Compiled languages
- C. Query languages
- D. Assembly languages

Correct Answer: *D*

 **Sweety_Certified7** 6 months, 2 weeks ago

Got through programming and database chapters since I got a lot of questions based on that on the exam.

Good luck

upvoted 1 times

 **Sweety_Certified7** 6 months, 2 weeks ago

*Go through

upvoted 1 times

A function is BEST used for enabling programs to:

- A. hold a list of numbers.
- B. be divided into reusable components.
- C. define needed constant values.
- D. define variables to hold different values.


Correct Answer: B

Community vote distribution

B (100%)

 **Kireina** Highly Voted 4 years, 1 month ago

The answer should be B. Functions are meant to be reused.
upvoted 13 times

 **trickerk** 2 years, 9 months ago

Yes... B is correct!
upvoted 3 times

 **Abka** Highly Voted 3 years, 7 months ago


The answer should be B = B. be divided into reusable components.
upvoted 5 times

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

Selected Answer: B

B. Be divided into reusable components.


Functions allow programs to be broken down into smaller, reusable components, improving code organization, readability, and maintainability.
upvoted 1 times

 **R_inzler** 5 months, 3 weeks ago

Selected Answer: B

B...correct

upvoted 1 times

 **yanis88** 7 months, 3 weeks ago

Selected Answer: B

The main purpose of a function is to enable the program to be broken down into smaller, more manageable pieces of code, which can then be organized and reused.

upvoted 1 times

 **Idkhelpme** 1 year, 1 month ago


It's B... Functions are reusable code

upvoted 2 times

 **Sweety_Certified7** 1 year, 6 months ago

Developers often employ sections of reusable code and that is what functions are. So answer is B.

upvoted 4 times

 **[Removed]** 1 year, 12 months ago

Selected Answer: B

The correct answer is B

upvoted 4 times

 **Theasianmushroom** 2 years, 4 months ago

Selected Answer: B

Choice B better suits a function definition because functions basically allow you to make a program more efficient

upvoted 4 times

 **chan_chahal** 2 years, 4 months ago

are you sure its be?

upvoted 1 times

🗨️ 👤 **Dion79** 2 years, 5 months ago

Both procedures and functions enable you to create segments of code that you will reuse. In our earlier example, we used a function to check that the user had entered a number. The key difference, in programming terms, between a procedure and a function is that the latter can return a value to whatever called it, whereas a procedure cannot.

upvoted 2 times

🗨️ 👤 **Dion79** 2 years, 5 months ago

I'll go with provided Answer, D....

upvoted 1 times

🗨️ 👤 **Dion79** 2 years, 4 months ago

Answer B.... I mean..

upvoted 2 times

🗨️ 👤 **trickerk** 2 years, 9 months ago

The correct answer is B, because the main purpose of a function is to avoid repeatable pieces of code, so you can reuse it.

upvoted 3 times

🗨️ 👤 **etio** 3 years, 10 months ago

Both B & D should be the answer.

upvoted 2 times

When transferring a file across the network, which of the following would be the FASTEST transfer rate?

- A. 1001Kbps
- B. 110Mbps
- C. 1.22Gbps
- D. 123Mbps

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A technician has been asked to assign an IP address to a new desktop computer. Which of the following is a valid IP address the technician should assign?

- A. 127.0.0.1
- B. 172.16.2.189
- C. 192.168.257.1
- D. 255.255.255.0

Correct Answer: B

  **trickerk**  9 months, 2 weeks ago

- A. 127.0.0.1 -> Loopback
 - B. 172.16.2.189 -> Valid IP class B -----OK-----
 - C. 192.168.257.1 -> Invalid IP range in third octet: 257
 - D. 255.255.255.0 -> Class "E" IP (reserved) and the final octet start with 0 (would be a network IP)
- upvoted 14 times

A game developer is purchasing a computing device to develop a game and recognizes the game engine software will require a device with high-end specifications that can be upgraded. Which of the following devices would be BEST for the developer to buy?

- A. Laptop
- B. Server
- C. Game console
- D. Workstation

Correct Answer: D

Community vote distribution

D (100%)

ssproject **Highly Voted** 4 years, 10 months ago

Can someone explain to me why this isn't a work station? Most pictures of the inside of game development studios show Workstations, not servers.

upvoted 5 times

dolbi13 4 years, 9 months ago

u r right gamers use workstation for playing but the question was abt devlopping games which needs a lot of power for rendring 3D building compiling testing etc... and servers are a lot more powerfull than workstations :)

upvoted 15 times

Liv3 **Most Recent** 1 month, 2 weeks ago

Selected Answer: D

Workstations are specifically designed for high-performance tasks like game development, and they offer the flexibility to upgrade components such as the CPU, GPU, RAM, and storage to meet the evolving requirements of game engine software.

upvoted 1 times

BubbleJayGum 7 months, 1 week ago

Selected Answer: D

It's 100% the option D (Workstation). It's a high-performance computing device designed for tasks such as game development. Servers are designed for managing network resources and providing services to multiple users, not for running game development software. They are not optimized for the graphical and interactive tasks required in game development.

upvoted 2 times

chrislacina 3 years ago

If we are speaking strictly hardware, a computer typically built to be a server would have greater capability, but from my experience you won't find typical servers with the graphical power to render games, mostly because the chasis for typical servers will not hold a graphics card. Now there are servers that are built to be towers, but then you might as well just call that a workstation. Really what makes a server a server is the software capable of handling multiple users, multiple requests, and to be online continuously with very little downtime.

upvoted 3 times

trickerk 3 years, 9 months ago

The question is about game development. Usually a developer will need to test your game using a server (high-end device).

upvoted 4 times

A company requires several reports that analyze related information from sales, inventory, marketing, and compensation data. Which of the following is the BEST place to store this data?

- A. Flat file
- B. Word processor
- C. Database
- D. Network share

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

A computer user is downloading software from the Internet and notices the following at the end of the install file: ``\x86.exe`. Which of the following statements BEST represents what the ``\x86.exe` means in the installation file?

- A. x86 only supports an installation on a 32-bit CPU architecture.
- B. x86 supports an installation on a 32-bit and a 64-bit CPU architecture.
- C. x86 only supports an installation on a 64-bit CPU architecture.
- D. x86 supports an installation on a 16-bit CPU architecture.

Correct Answer: A

Community vote distribution

A (88%) 13%

🗳️ 👤 **Jappo** 2 months, 3 weeks ago

Selected Answer: A

A. It will only work on 32 bit, it will crap out/not work on 64bit
upvoted 1 times

🗳️ 👤 **samuelTM** 9 months, 1 week ago

Selected Answer: A

x86 can install on 32 and 64 bit, but it might only work on 32 bit, 64 bit won't run on x86 chip
upvoted 1 times

🗳️ 👤 **R_inzler** 1 year, 5 months ago

x86 which is 32-bit, can be installed on both 32-bit and 64-bit. Answer is B
upvoted 2 times

🗳️ 👤 **yanis88** 1 year, 7 months ago

Selected Answer: A

You should be able to install the app on a 64-bit but may not run correctly
upvoted 1 times

🗳️ 👤 **ROCompTIA** 1 year, 9 months ago

The original version of x86 created in 1978 was designed for 16-bit CPUs. This means that each instruction is 16-bits "wide." The first 32-bit CPU was introduced in 1985 and the x86 instruction set was updated to a 32-bit version, called x86-32 or IA-32 (Intel Architecture).
upvoted 1 times

🗳️ 👤 **mariodesa** 1 year, 10 months ago

Selected Answer: B

B. x86 supports an installation on a 32-bit and a 64-bit CPU architecture.
upvoted 1 times

🗳️ 👤 **Amycert** 2 years, 2 months ago


Selected Answer: A

x86 is for 32 bit only. It is sometimes also referred to as x86- 32 . x86- 64 supports 64 bit. They often referred by the term x64
upvoted 4 times

Which of the following would be used to send messages using the SMTP protocol?

- A. Document sharing software
- B. Instant messaging software
- C. Conferencing software
- D. Email software

Correct Answer: *D*

 **Sweety_Certified7** 6 months, 2 weeks ago

SMTP(Simple Mail Transfer Protocol) is for sending email
upvoted 1 times

Malware infections are being caused by websites. Which of the following settings will help prevent infections caused by Internet browsing?

- A. Turn on private browsing
- B. Delete browsing history on program close.
- C. Notify when downloads are complete.
- D. Configure prompting before downloading content.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!



Which of the following is an example of information a company would ask employees to handle in a sensitive manner?

- A. Customer date of birth
- B. The first and last name of the Chief Executive Officer (CEO)
- C. Customer service number
- D. Company social media screen name

Correct Answer: A

  **ansari1505** Highly Voted 2 years, 4 months ago



A is correct because its private data
upvoted 8 times

  **Sweety_Certified7** 6 months, 2 weeks ago

Private
upvoted 2 times

  **FaisalJ** Most Recent 1 year, 7 months ago

DOB is considered a private and sensitive information and usually used as a way for authentication. So, answer is A
upvoted 4 times


  **Abka** 2 years, 7 months ago

Could someone clarify this?
upvoted 1 times

  **Sweety_Certified7** 6 months, 2 weeks ago

PII may be used alone or in tandem with other relevant data to identify an individual and may incorporate direct identifiers, such as passport information, that can identify a person uniquely or quasi-identifiers, such as race, that can be combined with other quasi-identifiers, like "date of birth", to successfully recognize an individual.

 Reference: TechTarget (<https://www.google.com/amp/s/www.techtarget.com/searchsecurity/definition/personally-identifiable-information-PII%3famp=1>)

Check this out for detailed information 
upvoted 1 times


The sales department needs to keep a customer list that contains names, contact information, and sales records. This list will need to be edited by multiple people at the same time. Which of the following applications should be used to create this list?

- A. Database software
- B. Word processing software
- C. Conferencing software
- D. Presentation software

Correct Answer: A

Community vote distribution

A (100%)

 **lexxone** 1 month, 3 weeks ago

Selected Answer: A

A. Database software

Explanation:

Database software is designed to manage large amounts of data efficiently and allows multiple users to access, edit, and update data simultaneously. It can handle structured data such as customer names, contact information, and sales records. Examples include Microsoft Access, MySQL, Oracle, or SQL Server.

upvoted 1 times

Ann, a user, connects to the corporate WiFi and tries to browse the Internet. Ann finds that she can only get to local (intranet) pages. Which of the following actions would MOST likely fix the problem?




- A. Renew the IP address.
- B. Configure the browser proxy settings.
- C. Clear the browser cache.
- D. Disable the pop-up blocker

Correct Answer: B

Community vote distribution

A (50%)

B (50%)

  **Dion79** Highly Voted  5 months ago

On an enterprise network, a network firewall is likely to be deployed to monitor and control all traffic passing between the local network and the Internet. On networks like this, clients might not be allowed to connect to the Internet directly but forced to use a proxy server instead. The proxy server can be configured as a firewall and apply other types of content filtering rules.

Some proxy servers work transparently so that clients use them without any extra configuration of the client application. Other proxies require that client software, such as the browser, be configured with the IP address and port of the proxy server. This information would be provided by the network administrator.

upvoted 5 times



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

Selected Answer: B

B. Configure the browser proxy settings.

If Ann can only access intranet pages but not the Internet, it's likely that her browser is set to use an internal proxy or lacks the correct proxy configuration needed for external access. Adjusting the proxy settings should resolve the issue

upvoted 1 times

  **lexxone** 1 month, 3 weeks ago



Selected Answer: A

A. Renew the IP address.

Explanation:

Renewing the IP address is the most likely solution because Ann is able to access local intranet pages but not external sites. This suggests that the issue might be related to a misconfigured or expired IP address, or possibly a conflict with the network configuration. By renewing the IP address (using the `ipconfig /release` and `ipconfig /renew` commands on a Windows machine), Ann can get a fresh IP address, which might resolve connectivity issues with external sites.

upvoted 1 times

  **MFZ2262** 8 months, 1 week ago

Could someone please clarify this?

upvoted 2 times

  **MrJelly** 8 months ago

Proxy servers typically block access to certain parts of the internet and can act as a sort of firewall. The reason why the proxy settings may be causing the issue is because they might be set specifically to block access to the websites the person is trying to gain access to.

upvoted 8 times


Which of the following would be considered the BEST method of securely distributing medical records?

- A. Encrypted flash drive
- B. Social networking sites
- C. Fax
- D. FTP file sharing

Correct Answer: A

Community vote distribution

A (100%)

 **lexxone** 1 month, 3 weeks ago

Selected Answer: A

A. Encrypted flash drive

Explanation:

When distributing sensitive information like medical records, it is crucial to ensure that the data is protected both during storage and transit. An encrypted flash drive ensures that the data is securely stored and can only be accessed by authorized individuals who possess the encryption key. This method helps to prevent unauthorized access in case the device is lost or stolen.

upvoted 1 times

Which of the following should have the HIGHEST expectation of privacy?

- A. A picture posted to a social media website
- B. A presentation saved to a corporate file server
- C. A locally stored word processing document
- D. A spreadsheet emailed to a business client

Correct Answer: C

Community vote distribution

B (100%)

🗨️ **FaisalJ** Highly Voted 3 years, 7 months ago
private means stored locally and not sent out.
upvoted 5 times

🗨️ **lexxone** Most Recent 1 month, 3 weeks ago

Selected Answer: B

B. A presentation saved to a corporate file server

Explanation:

When considering the highest expectation of privacy, the presentation saved to a corporate file server would typically have the highest level of privacy due to the following reasons:

Corporate file servers are typically secured with strict access controls, encryption, and authentication methods to protect sensitive business data. The content on corporate file servers is typically governed by company policies, and access is limited to authorized personnel only.

This environment is more likely to have privacy protections in place compared to other options, which may be less secure or more publicly accessible.

upvoted 1 times

🗨️ **samuelTM** 9 months, 1 week ago

I thought it should be D

upvoted 2 times

🗨️ **Jappo** 2 months, 3 weeks ago

locally stored means it hasnt been exchanged over email or a server. Youd expect the upmost expectation of privacy in your own computer.

upvoted 1 times

🗨️ **chrislacina** 3 years ago

Unless the drive is encrypted, locally stored data can be easily tracked, copied, and removed. Especially on a laptop.

upvoted 2 times

🗨️ **[Removed]** 2 years, 11 months ago

It's not what the question is about.

Expectation of privacy means that you are (within reason) sure of who would be able to access the document.

Social media? It's public.

Corporate file server? You often have no idea who else can access a particular folder.

Locally stored? If the device is reasonably secured, you are the only one that can access the document. This question is not discussing the possibility of a system administrator accessing everything on a company device or a hacker compromising it.

Email to a business client? Who knows where that spreadsheet will end up.

Of all the choices, a locally stored document will have the highest expectation of privacy.

upvoted 7 times

🗨️ **kokiaja2** 3 years, 8 months ago

I feel the answer should be D on this one



upvoted 4 times

🗨️ **PoopyPants** 4 years ago



I would say so
upvoted 2 times

  **Jay06** 4 years ago

Wouldn't this one be D? I wouldn't expect a high expectation of privacy to a LOCALLY stored document.
upvoted 3 times

  **Dirkster** 3 years, 9 months ago

Why not? If it's local it's private until you send it out
upvoted 8 times

  **trickerk** 3 years, 9 months ago

You're right!
upvoted 1 times


Which of the following storage devices have a spinning disk? (Choose two.)

- A. Optical drive
- B. SSD
- C. HDD
- D. Flash drive
- E. RAM
- F. ROM

Correct Answer: AC

Community vote distribution

AC (100%)

 **lexxone** 1 month, 3 weeks ago

Selected Answer: AC

C. HDD (Hard Disk Drive) A. Optical drive

Explanation:

HDD (Hard Disk Drive): An HDD uses spinning magnetic disks (platters) to read and write data. These disks rotate at high speeds (e.g., 5400 RPM, 7200 RPM), and the data is accessed by a read/write head that moves across the surface of the spinning disks.



Optical drive: An optical drive, such as a CD, DVD, or Blu-ray drive, uses a spinning disk (the optical disc) to read and write data. The disk spins while a laser reads or writes information

upvoted 1 times

Which of the following computer components allows for communication over a computer network?

- A. RAM
- B. NIC
- C. CPU
- D. NAS

Correct Answer: *B*

  **ajbarlow9** 5 months, 2 weeks ago

network interface card (NIC) is a hardware component without which a computer cannot be connected over a network
upvoted 1 times

A company desires to implement a six-month survey site within a remote location. Which of the following is the BEST option for Internet service?

- A. Cellular
- B. Satellite
- C. Cable
- D. Fiber

Correct Answer: B

Community vote distribution

B (100%)



 **lexxone** 1 month, 1 week ago

Selected Answer: B

B. Satellite

Satellite internet is the best option for a remote location where traditional wired connections like cable or fiber are unavailable. It provides broad coverage and can be set up quickly, making it ideal for a temporary six-month survey site.

upvoted 1 times

Which of the following authorization techniques is used to assign permissions and authorize a user based on job title or function?

- A. Rule-based access control
- B. Mandatory access control
- C. Role-based access control
- D. Discretionary access control

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A user has purchased a high-end graphics card that contains a GPU. Which of the following processes is being performed by the GPU on the graphics card?

- A. Input
- B. Output
- C. Storage
- D. Processing

Correct Answer: D

Community vote distribution

D (100%)

🗨️ 👤 **lexxone** 1 month, 1 week ago

Selected Answer: D

D. Processing

A GPU (Graphics Processing Unit) is responsible for handling complex mathematical and graphical computations, making it a processing component rather than input, output, or storage. It accelerates rendering for high-performance tasks like gaming, video editing, and AI applications.

upvoted 1 times


A company purchased a software program. The EULA states that the software can be installed on as many computers as the company wants, but only four users can be using the software at any point in time. Which of the following types of license is this an example of?

- A. Group license
- B. Concurrent license
- C. Subscription license
- D. Open-source license

Correct Answer: B

Community vote distribution

B (100%)

 **lexxone** 1 month, 3 weeks ago


Selected Answer: B

B. Concurrent license

Explanation:

A concurrent license allows multiple installations of software, but it limits the number of users who can access or use the software at the same time. In this case, the company can install the software on as many computers as they want, but only four users can use it concurrently, which aligns with the definition of a concurrent license.

upvoted 1 times

 **Colonel23** 9 months, 2 weeks ago

Selected Answer: B

Concurrent is the key word which means only X can be on at the same time no more. So B, concurrent license is the answer.

upvoted 1 times

A user at a company visits a weather website often during the day. The user browses to the site in the afternoon and notices that the temperature listed is from the morning and is not the current temperature. The user closes the page and tries again with the same result. Which of the following is the MOST likely cause?

- A. Proxy server
- B. Browser add-on
- C. Corrupted cache
- D. Script blocker

Correct Answer: A

Community vote distribution



C (50%) A (50%)

  **yosana** Highly Voted 3 years, 11 months ago

I think it's C
upvoted 8 times

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

Selected Answer: C
C. Corrupted cache
The most likely cause is that the browser is loading a cached version of the website instead of retrieving the latest data. Clearing the browser cache should resolve the issue by forcing the browser to fetch the most recent version of the page.
upvoted 1 times

  **lexxone** 1 month, 3 weeks ago

Selected Answer: A
A. Proxy server

Explanation:



A proxy server acts as an intermediary between a user's device and the internet. When a user frequently visits a website, the proxy server might cache (save) content from the website to improve load times. In this scenario, the weather website may have its cached data stored on the proxy server, which could be showing outdated information (such as the morning's temperature) instead of the updated current temperature.
upvoted 1 times

  **samuelTM** 9 months ago

Selected Answer: A
I think is A, because it say a user at a company check weather. And afternoon most chance is still in company. And when you use their network, usually you need use proxy server and not direct connect to internet. So when proxy server of the company was using went wrong, it will do this.
upvoted 1 times

  **Colonel23** 9 months, 2 weeks ago

The correct answer should be C. Even though a proxy has cache it would be updated regularly and the key item is A USER not MULTIPLE USERS is having this issue. If more than one were having the issue it would be proxy related in my opinion.
upvoted 1 times

  **_denw** 1 year, 1 month ago

Selected Answer: C
C. Corrupted cache

Web browsers use caching to store copies of web pages, images, and other content to speed up page loading times on subsequent visits. If the cache becomes corrupted or does not update properly, it can result in old or stale content being displayed instead of the most current version of the site. Clearing the browser's cache is a common solution to this problem, forcing the browser to fetch the latest content from the server.
upvoted 1 times

  **LeDarius3762** 2 years, 1 month ago

The correct answer is C) Corrupted cache

Because the webpage is saved in the cache and that's why is misbehaving and showing the same information, because is locally store in the cache.

Proxy server can be correct too because the server has its own cache but at the end the problem is with CACHE, so that's why I think corrupted cache is most fitting

upvoted 1 times

🗨️ 👤 **Sweety_Certified7** 2 years, 6 months ago

Answer is -- A. Proxy server

See the results on quizlet.com

upvoted 1 times

🗨️ 👤 **Dion79** 3 years, 5 months ago

I'll go with provided answer, proxy...

upvoted 1 times

🗨️ 👤 **JassuSingh** 3 years, 10 months ago

The proxy could be running through a different time zone, so it would be messed up.

upvoted 3 times

🗨️ 👤 **trickerk** 3 years, 9 months ago

And the proxy have its own cache.

upvoted 1 times

Which of the following application delivery mechanisms BEST describes infrastructure located in an individual organization's datacenter?


- A. Private
- B. Traditional
- C. Public
- D. Cloud

Correct Answer: A

Community vote distribution

A (100%)



 **lexxone** 1 month, 3 weeks ago

Selected Answer: A

A. Private

Explanation:

A private infrastructure refers to IT resources and services that are located within an organization's own data center. These resources are typically used exclusively by the organization, as opposed to being shared with other external entities. The organization has full control over the hardware, software, and security measures.

upvoted 1 times



A database administrator wants to populate a database with large amounts of data from an external source. Which of the following actions should be used to get the database populated?

- A. EXPORT
- B. IMPORT
- C. SELECT
- D. ALTER

Correct Answer: B

Community vote distribution

B (100%)

  **lexxone** 1 month, 3 weeks ago

Selected Answer: B

B. IMPORT

Explanation:

The IMPORT operation is used to bring external data into a database from an external source, such as another database, a file (e.g., CSV, Excel), or other data storage systems. This is the most appropriate action when you need to populate a database with large amounts of data.

upvoted 1 times

Which of the following would a company consider an asset?

- A. An external company used to destroy defective hard drives
- B. Information residing on backup tapes
- C. A company-sponsored technology conference
- D. A certified third-party vendor that provides critical components

Correct Answer: B

Community vote distribution

B (67%)

D (33%)

lexxone 1 month, 3 weeks ago

Selected Answer: B

B. Information residing on backup tapes

Explanation:

In the context of accounting and asset management, assets typically refer to valuable resources that are owned by the company and contribute to its business operations. Information residing on backup tapes is considered an asset because it is valuable data that the company depends on for continuity and recovery in case of data loss.

upvoted 1 times

Jappo 2 months, 3 weeks ago

Selected Answer: B

It's B. An asset is a resource that has economic value and can generate future benefits for a company. Backup tapes containing valuable information can help restore operations in case of data loss or system failures. This information is crucial for the company's continued operations and can provide competitive advantages or financial benefits.

upvoted 1 times

Litu_Yeti07 8 months, 3 weeks ago

Selected Answer: D

A certified third-party vendor that provides critical components would be considered an asset

upvoted 1 times

A company will begin to allow staff to work from home by means of formal request. Which of the following is the BEST way for the company to document this change?

- A. Written procedure
- B. Written policy
- C. Written email
- D. Written memo


Correct Answer: B

Community vote distribution

B (100%)

 **FaisalJ** Highly Voted 2 years, 1 month ago

Formal = Policy
upvoted 7 times

 **ditguy67** 11 months, 3 weeks ago

could it also be procedure
upvoted 2 times

 **LeDarius3762** 7 months, 1 week ago

A policy will state that you can work at home if you submit a formal REQUEST. The procedure will be what you have to follow after the request is process. The question is asking how you would document the change, the change would be a new policy
upvoted 3 times

 **lexxone** Most Recent 1 month, 3 weeks ago

Selected Answer: B

B. Written policy

Explanation:

A written policy is the best way for a company to document a change like allowing staff to work from home through a formal request. A policy is a formal, structured document that outlines rules, guidelines, and procedures for specific practices within an organization. It provides clear, consistent guidelines for all employees to follow.

upvoted 1 times


A company's team members have both old and new laptops. Which of the following connectors should be available in the conference room to ensure everyone can use the conference room projectors? (Choose two.)

- A. USB
- B. HDMI
- C. FireWire
- D. VGA
- E. Bluetooth
- F. RJ45

Correct Answer: *BD*

Community vote distribution

BD (100%)

 **lexxone** 1 month, 3 weeks ago

Selected Answer: *BD*

- B. HDMI
- D. VGA

Explanation:

For a conference room with both old and new laptops, it's essential to have connectors that accommodate various laptop types, ensuring everyone can connect to the projector.

B. HDMI: HDMI is commonly used in newer laptops and devices for high-quality audio and video output. It's the standard connector for most modern devices and projectors.

D. VGA: VGA is an older video standard that is still found on many older laptops. It provides analog video output and is compatible with older projectors that may not have HDMI input.

upvoted 1 times

A programmer uses DML to modify:

- A. files
- B. permissions
- C. data
- D. backups

Correct Answer: C

Community vote distribution

C (100%)

 **FaisalJ** Highly Voted 7 months, 3 weeks ago

DML = data manipulation language
upvoted 6 times

 **lexxone** Most Recent 1 month, 3 weeks ago

Selected Answer: C

C. data

Explanation:

DML stands for Data Manipulation Language, which is a subset of SQL used for managing and modifying the data stored in a database. DML operations allow users to insert, update, delete, and retrieve data from database tables.

Examples of DML commands:

INSERT: Adds new data to a table.

UPDATE: Modifies existing data in a table.

DELETE: Removes data from a table.

SELECT: Retrieves data from a table.

upvoted 1 times

A technician is concerned that sensitive data transmitted over the Internet can be intercepted and viewed during a MITM attack. Which of the following should the technician enable to reduce the risk?

- A. DLP
- B. ACL
- C. TLS
- D. IPS

Correct Answer: C

Community vote distribution

C (100%)

🗨️ **lexxone** 1 month, 2 weeks ago

Selected Answer: C

C. TLS (Transport Layer Security)

TLS encrypts data transmitted over the internet, preventing unauthorized interception and mitigating the risk of a Man-in-the-Middle (MITM) attack.

upvoted 1 times

🗨️ **lexxone** 1 month, 3 weeks ago

Selected Answer: C

C. TLS

Explanation:

TLS (Transport Layer Security) is a cryptographic protocol designed to provide secure communication over a computer network, such as the Internet. It encrypts data in transit, ensuring that sensitive information transmitted between systems (e.g., web browsers and servers) cannot be intercepted or read during a Man-in-the-Middle (MITM) attack.

upvoted 1 times

🗨️ **Colonel23** 9 months, 2 weeks ago

I agree with CircaG

upvoted 1 times

🗨️ **CircaG** 1 year, 3 months ago

C. TLS (Transport Layer Security) will make something more secure. Like HTTP vs. HTTPS, you want to use HTTPS to make it more secure. The others wouldn't make sense.

upvoted 2 times

Given the following pseudocode:

```
declare @count int
set @count =1
for @count <10
begin
set @count=@count+1
end
select @count
```

Which of the following is the output of the code?


- A. 1
- B. 9
- C. 10
- D. 11

Correct Answer: C

Community vote distribution

C (89%)

11%

 **XRAYtheGodsend** Highly Voted 3 years, 11 months ago

Shouldn't this be ten? It says as Long as @count is LESS THAN 10, add 1. So when @count is equal to 10, It should stop. Because 10 is EQUAL TO 10. 10 is NOT LESS THAN 10

upvoted 9 times

 **lexxone** Most Recent 1 month, 3 weeks ago

Selected Answer: C

C. 10

Explanation:

Let's go step by step through the pseudocode:

declare @count int: Declares a variable @count of type int.

set @count = 1: Initializes @count with the value of 1.

for @count < 10: This starts a loop that will run as long as @count is less than 10. However, there's an issue with the pseudocode: it uses a for loop without a proper structure, but we can assume it's meant to be a while loop.


begin: Starts the block of code inside the loop.

set @count = @count + 1: Increases the value of @count by 1 in each iteration of the loop.

end: Ends the loop.

select @count: Outputs the final value of @count.

upvoted 1 times

 **Colonel23** 9 months, 2 weeks ago

The answer is C. It would not print out 11 because the condition is LESS THAN not LESS THAN EQUAL TO


upvoted 1 times

 **R_inzler** 1 year, 5 months ago

Selected Answer: C

C is the correct answer, the code only loops if @count is under 10, once its value is 10, it stops looping, meaning the final output is 10. or C

upvoted 1 times

 **yanis88** 1 year, 7 months ago

Selected Answer: C

Consider the following simple loop (python):

```
count = 1
```

```
while count < 10:
```

```
count += 1
```

print (count)

that will print 10 in the console!

upvoted 1 times

🗨️ **Idkhelpme** 2 years, 1 month ago

It's suppose to be 10. It enters loop for the final time at 9. Which sets it to 10. It can't run the loop after that since 10 is not less than 10. So it returns 10.

upvoted 2 times

🗨️ **Amycert** 2 years, 2 months ago

Selected Answer: C

C. 10

for count =9:

count < 10

count = 9+1 = 10

for count =10:

loop does not enter

count value ends with 10

upvoted 2 times

🗨️ **Sweety_Certified7** 2 years, 6 months ago

Selected Answer: D

@count=1. @count <10

@count= @count(1) + 10

So.. @count = 11

upvoted 1 times

🗨️ **Sweety_Certified7** 2 years, 6 months ago

Sorry, third line is.. @count= @count(10)+1

Since it is set @count =1

for @count < 10

upvoted 1 times

🗨️ **[Removed]** 2 years, 12 months ago

Selected Answer: C

The loop is exited when count is 10

upvoted 3 times

🗨️ **69** 3 years, 1 month ago

I believe it is 11 because when we look at the pseudo code, it has the +1 after the <10. This means that one more numbers adds up to the current one, therefore, it comes out as 10.

upvoted 1 times

🗨️ **chrislacina** 3 years ago

The plus one might be after the check, but the loop checks that the variable is less than ten, not less-than-or-equal-to ten. so once the variable reaches nine, it would be nine plus one, equaling ten, and then its checked again, and then leave the loop.

upvoted 1 times

🗨️ **chan_chahal** 3 years, 4 months ago

yes, it should be 10.

upvoted 2 times

🗨️ **CyberChic** 3 years, 10 months ago

I agree, it should be 10

upvoted 2 times

A developer needs to add a table to a database. Which of the following database activities should the user perform?

- A. UPDATE
- B. ALTER
- C. CREATE
- D. REPORT

Correct Answer: C

  **Dion79**  4 months, 3 weeks ago

Data Definition Language (DDL) commands refer to SQL commands that add to or modify the structure of the database. Some examples of data definition commands are:

CREATE—this command can be used to add a new database on the RDBMS server (CREATE DATABASE) or to add a new table within an existing database (CREATE TABLE). The primary key and foreign key can be specified as part of the table definition.

ALTER TABLE—this allows you to add, remove (drop), and modify table columns (fields), change a primary key and/or foreign key, and configure other constraints. There is also an ALTER DATABASE command, used for modifying properties of the whole database, such as its character set.

DROP—this is the command used to delete a table (DROP TABLE) or database (DROP DATABASE). Obviously, this also deletes any records and data stored in the object.

CREATE INDEX—specifying that a column (or combination of columns) is indexed speeds up queries on that column. The tradeoff is that updates are slowed down slightly (if the column is not suitable for indexing, updates may be slowed down quite a lot.) The DROP INDEX command can be used to remove an index.

upvoted 5 times

Which of the following does a NoSQL database use to organize data?


- A. Primary keys
- B. Schemas
- C. Keys/values
- D. Tables

Correct Answer: C

Community vote distribution

C (100%)



 **lexxone** 1 month, 2 weeks ago

Selected Answer: C

C. Keys/values

NoSQL databases organize data using various models, such as key-value pairs, documents, column-family stores, or graphs, depending on the type of NoSQL database. Unlike traditional relational databases, NoSQL databases do not rely on fixed schemas or tables.

upvoted 1 times

A systems administrator is setting up a new server using RAID technology. If one hard drive in the array fails, the data is stored on another drive, preventing data loss. Which of the following business continuity concepts does this explain?

- A. File backup
- B. Data restoration
- C. Fault tolerance
- D. Restoring access

Correct Answer: C

🗉 👤 69 8 months ago

RAID TYPES:

RAID 0: FAST, NO FAULT TOLERANCE, REQUIRES 2 DRIVES, STRIPING

RAID 1: SLOW, HAS FAULT TOLERANCE, REQUIRES 2 DRIVES, MIRRORING

RAID 5: FAST, FAULT TOLERANT, REQUIRES 3 DRIVES, STRIPING/PARODY

RAID 0+1: STRIPING/MIRRORING, REQUIRES 4 DRIVES

RAID 1+0: MIRRORING/STRIPING, REQUIRES 4 DRIVES

(RAID 5 is best to choose)

upvoted 2 times

A user needs to enter text and numbers to produce charts that demonstrate sales figures. Which of the following types of software would BEST complete this task?

- A. Text editing software
- B. Visual diagramming software
- C. Spreadsheet software
- D. Web browsing software

Correct Answer: C

Community vote distribution

C (100%)

🗨️ 👤 **lexxone** 1 month, 2 weeks ago

Selected Answer: C

C. Spreadsheet software

Spreadsheet software, such as Microsoft Excel or Google Sheets, allows users to enter text and numbers, perform calculations, and generate charts to visualize sales figures effectively.

upvoted 1 times

🗨️ 👤 **FaisalJ** 7 months, 3 weeks ago

C. Spreadsheet software like Excel

upvoted 2 times


Which of the following BEST describes the physical location of the data in the database?

- A. Table
- B. Column
- C. RAM
- D. HDD

Correct Answer: D

Community vote distribution

D (100%)


 **lexxone** 1 month, 2 weeks ago

Selected Answer: D

D. HDD (Hard Disk Drive)

In a database, the physical location of data refers to where it is stored on the system. While tables and columns define the logical structure, the actual data resides on storage devices such as HDDs (Hard Disk Drives) or SSDs (Solid-State Drives), depending on the system's hardware configuration.

upvoted 1 times

 **yanis88** 7 months, 3 weeks ago

Selected Answer: D


Really? Would be nice to have some sort of explanation when the "correct" answers are revealed! The physical points to D (hard drive)

upvoted 1 times

 **GarbanzoBeans** 9 months ago

Really, the table is "physical"? Can I take the table and bring it with me to dinner with my mum? The answer is absolutely D.


upvoted 3 times

 **Lieksels** 10 months, 2 weeks ago

Selected Answer: D

it should be D

upvoted 1 times

 **oxidu** 1 year, 1 month ago

Selected Answer: D

A table is not a physical location, the HDD should be the correct answer. the physical you can touch.

upvoted 2 times

 **Amycert** 1 year, 2 months ago

Selected Answer: D

how is a table a physical location?

it should be D. HDD

upvoted 2 times

 **oxidu** 1 year, 1 month ago

I wonder this too

upvoted 1 times



A user logs into a laptop using a username and complex password. This is an example of:

- A. biometrics
- B. multifactor authentication
- C. least privilege
- D. single-factor authentication

Correct Answer: D

Community vote distribution

D (100%)

  **lexxone** 1 month, 2 weeks ago

Selected Answer: D

D. Single-factor authentication

In this scenario, the user logs in using only a username and password, which both fall under the same authentication factor: "Something you know."

Multifactor authentication (MFA) would require at least two different authentication factors, such as:



Something you know (password, PIN)

Something you have (smart card, security token)

Something you are (fingerprint, facial recognition)

Since only a password is used, it qualifies as single-factor authentication (SFA)

upvoted 1 times

  **69** 8 months ago

It is not multi factor as they're both something you know. In order to have a multi factor authentication, it must be either something you have and something you know.

upvoted 4 times


To establish a theory of probable cause, one technician investigates network issues in the server room while another technician troubleshoots the user's workstation. Which of the following troubleshooting methodologies is being performed?

- A. Question the obvious.
- B. Divide and conquer.
- C. Duplicate the problem
- D. Research the knowledge base.

Correct Answer: B

Community vote distribution

B (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: B

B. Divide and conquer.

In this scenario, two technicians are troubleshooting different parts of the system—one investigating the server room and the other checking the user's workstation. This approach breaks down the problem into smaller parts, allowing each technician to isolate and analyze potential causes separately, which aligns with the Divide and Conquer troubleshooting methodology.

upvoted 1 times


A remote user, who is working from home, requires significant bandwidth to connect to the corporate systems. Which of the following types of Internet service connections would BEST meet the user's needs?

- A. T1 line
- B. Satellite
- C. Fiber optic
- D. DSL

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: C

C. Fiber optic

Explanation:

Fiber optic internet provides high-speed, high-bandwidth, and low-latency connectivity, making it ideal for remote users who require significant bandwidth for tasks such as video conferencing, large file transfers, and cloud-based applications.

Why not the other options?

- A. T1 line – T1 lines are outdated and offer only 1.54 Mbps, which is insufficient for modern high-bandwidth applications.
- B. Satellite – Satellite connections have high latency and can be unreliable, making them less suitable for real-time applications.
- D. DSL – While DSL can be decent, its speed is often limited compared to fiber, and performance can degrade over long distances.

Thus, Fiber optic is the best choice for a remote user needing significant bandwidth

upvoted 1 times


Which of the following types of encryption would BEST protect a laptop computer in the event of theft?

- A. Disk
- B. Email
- C. VPN
- D. HTTPS

Correct Answer: A

Community vote distribution

A (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: A

A. Disk encryption

Explanation:

Disk encryption protects all the data stored on a laptop by encrypting the entire hard drive. If the laptop is stolen, the data remains inaccessible without the proper decryption key or credentials.

Why not the other options?

B. Email encryption – Encrypts email messages, not the entire laptop. It does not protect files stored on the device.


C. VPN (Virtual Private Network) – Encrypts data while transmitted over a network but does not secure files stored on the laptop.

D. HTTPS – Encrypts web traffic but does not protect locally stored data on a stolen laptop.

Conclusion:

Disk encryption (such as BitLocker for Windows or FileVault for macOS) is the best method to secure a laptop's data in case of theft.

upvoted 1 times

 **69** 8 months ago

For using a disk, it is always a best option as you can make a full working backup of your entire OS on a disk, which you can use in case you lose your computer. Cannot be a VPN (virtual private network) as you need to possess the computer to actually access it.

upvoted 2 times

Which of the following tasks is typically performed during the identification phase of the troubleshooting methodology?

- A. Question users.
- B. Verify functionality.
- C. Divide and conquer.
- D. Implement the solution.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!



A technician overhears a systems administrator mention the term `IOPS`. To which of the following operating system functions would the term BEST apply?

- A. Disk management
- B. Process management
- C. Application management
- D. Service management

Correct Answer: A

Community vote distribution

A (100%)

  **bagyi** Highly Voted 8 months ago

Input/Output Per Seconds (IOPS) [disk read/write performance measurement]
upvoted 7 times

  **lexxone** Most Recent 1 month, 2 weeks ago

Selected Answer: A

A. Disk management

Explanation:

IOPS (Input/Output Operations Per Second) is a performance measurement used to evaluate storage devices such as hard drives (HDDs), solid-state drives (SSDs), and storage area networks (SANs). It measures how many read and write operations a storage system can handle per second, making it directly related to disk management.



Why not the other options?

B. Process management – Deals with running processes and CPU scheduling, not disk performance.

C. Application management – Focuses on installing, updating, and managing software applications, not disk I/O performance.

D. Service management – Manages system services like background processes, but does not specifically measure disk performance.

upvoted 1 times

  **JassuSingh** 9 months, 3 weeks ago

It's basically the speed of the storage drive

upvoted 1 times

  **CyberChic** 10 months ago

Not sure what the term is....

upvoted 2 times

  **Nicmc** 1 year ago

mention the term IOPS. That is how the question and many others come up for me. Kind of annoying

upvoted 3 times

Which of the following is the BEST option for a developer to use when storing the months of a year and when performance is a key consideration?

- A. Array
- B. Vector
- C. List
- D. String

Correct Answer: A

🗨️ 👤 **R_inzler** 5 months, 2 weeks ago

Depending on the language being used, a List and Array are the same thing. Both would be correct answers then.

upvoted 1 times

🗨️ 👤 **Dion79** 2 years, 4 months ago

Container can be used as a term for a special type of identifier that can reference multiple values (or elements). One example of a container construct is a simple array. For example, say that you want your program to store a list of user names who have logged on to the computer in the last 24 hours. You would declare the array with the data type of the values it will contain and the number of elements or "rows" that the array can contain:

```
declare Logons(9) as string
```

One of the limitations of the array container type is that it cannot be resized. Most programming languages support container types called vectors that can grow or shrink in size as elements are added or removed.

upvoted 4 times

A company wants an application to be accessed by concurrent users and store company information securely. Which of the following would be the BEST option for storing the information?

- A. Word processing document
- B. Flat file
- C. Database
- D. Spreadsheet

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

Which of the following would MOST likely use an ARM processor?

- A. Laptop
- B. Tablet
- C. Workstation
- D. Server

Correct Answer: B

Community vote distribution

B (100%)

 **Dion79** Highly Voted 4 months, 3 weeks ago

CPUs and their chipsets for mobile phones/smartphones and tablets are often based on the ARM (Advanced RISC Machine) microarchitecture, such as the Apple A, Samsung Exynos, and nVIDIA Tegra, derivatives. RISC stands for Reduced Instruction Set Computing. RISC microarchitectures use simple instructions processed very quickly.

upvoted 5 times

 **lexxone** Most Recent 1 month, 2 weeks ago

Selected Answer: B

B. Tablet

Explanation:

An ARM processor (Advanced RISC Machine) is most commonly used in mobile and low-power devices due to its energy efficiency and reduced heat output.

Why Tablet?

Low power consumption – ARM processors are optimized for battery-powered devices like tablets, smartphones, and embedded systems.

Energy efficiency – Unlike x86 processors, ARM chips use less power, making them ideal for portable devices.

Compact and lightweight – Tablets require thin and lightweight designs, which ARM processors enable.

upvoted 1 times

A systems administrator wants to run a script at a certain time every day. Which of the following is the BEST way to achieve this?

- A. Perform process management.
- B. Perform task scheduling.
- C. Set the system date and time.
- D. Set a reminder to run the script.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following would indicate the FASTEST processor speed?

- A. 3.6GHz
- B. 3.6MHz
- C. 3.6Mbps
- D. 3.6Gbps

Correct Answer: A

  **69** 8 months ago

It cannot be Gbps as that is the internet speed. If you come across a similar question and it has the word "H" for hertz in it, you should automatically know that it is a speed of a processor.

upvoted 3 times

A gaming console needs to allow for inbound connectivity on a home network to facilitate chat functions. Which of the following devices is a user MOST likely to configure to allow this?

- A. Cable modem
- B. Wireless router
- C. Access point
- D. Network switch

Correct Answer: B

Community vote distribution

B (100%)

lexxone 1 month, 2 weeks ago

Selected Answer: B

B. Wireless router

Explanation:

A wireless router is responsible for managing network traffic, security settings, and port forwarding on a home network. To allow inbound connectivity for chat functions on a gaming console, users typically configure port forwarding or UPnP (Universal Plug and Play) on the router to permit external connections.

Why Not the Other Options?

A. Cable modem – A modem only provides Internet access; it does not manage network traffic or allow inbound connectivity.

C. Access point – An AP extends Wi-Fi coverage but does not handle security or port forwarding settings.

D. Network switch – A switch connects devices within a network but does not manage Internet traffic or security settings.

upvoted 1 times

yenesty 5 months ago

Selected Answer: B

The correct answer is:

B. Wireless router

Explanation:

In a home network, the wireless router (or sometimes just called a router) typically acts as the gateway between the local area network (LAN) and the Internet. To allow inbound connectivity for services like gaming chat functions, the user would need to configure port forwarding or a DMZ (demilitarized zone) on the router. This ensures that the necessary ports are open and that incoming data for those ports is directed to the appropriate device, in this case, the gaming console.

upvoted 2 times

PatrickH 7 months, 1 week ago

Its B. Most/all modern wireless routers have firewall functionality that would acheive this

upvoted 1 times

yanis88 7 months, 3 weeks ago

Isn't the cable modem for a cable television network?

Most of the AccessPoints/ WiFi routers nowadays come with the modem integrated into them. AFAIK, the modem don't have any firewall rules to block traffic ???

upvoted 1 times

BYU 1 year, 1 month ago

I don't get this one. Can someone explain it?

upvoted 1 times

LeDarius3762 1 year, 1 month ago

For my understanding, the gaming console is the one that needs to configure/add access to inbound traffic (information that comes-in to a network) so the device that allows this is an ethernet cable (cable modem, answer A) so you connect the console directly to the modem to have access

upvoted 2 times

  **GarbanzoBeans** 9 months ago

I wouldn't connect a gaming console directly to the modem though, the modem needs to be plugged into either a switch or a router

upvoted 1 times


The computer language that is closest to machine code is:

- A. query language
- B. scripting language
- C. markup language
- D. assembly language

Correct Answer: D

Community vote distribution

D (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: D

D. Assembly language

Explanation:

Assembly language is the closest to machine code because it is a low-level programming language that directly corresponds to a computer's instruction set architecture (ISA). It uses mnemonics (e.g., MOV, ADD, SUB) to represent machine instructions, making it more readable than binary code while still being very close to hardware operations.

Why Not the Other Options?

- A. Query language – Used for managing databases (e.g., SQL), not for interacting with hardware at a low level.
- B. Scripting language – High-level and interpreted (e.g., Python, Bash); far from machine code.
- C. Markup language – Used for structuring documents (e.g., HTML, XML); not a programming language.

Conclusion:

Assembly language is the closest to machine code because it provides a direct way to control the CPU with minimal abstraction.

upvoted 1 times

 **Dion79** 4 months, 3 weeks ago

Assembly language - represents machine code in human-readable text. An assembly language is typically specific to a particular hardware architecture.

Code written in a query language, such as Structured Query Language (SQL), is designed to retrieve specific records from a dataset. The code does not need to be compiled.

markup language is not a programming language but a means of making data in a document accessible to a program. A markup language, such as the HyperText Markup Language (HTML) or eXtensible Markup Language (XML), defines a series of nested tags that describe the structure and/or meaning of the tag contents.

upvoted 3 times

Employee information is stored in a database. Which of the following BEST describes where all of an employee's information is stored?



- A. Record
- B. Report
- C. Column
- D. Procedure

Correct Answer: A

Community vote distribution

A (100%)





  **lexxone** 1 month, 1 week ago

Selected Answer: A

A. Record

In a database, a record (also known as a row) contains all the information related to a single entity, such as an employee. Each record consists of multiple columns (fields) that store specific details like name, employee ID, department, and salary.

upvoted 1 times

  **lexxone** 1 month, 2 weeks ago

Selected Answer: A

A. Record

upvoted 1 times

Which of the following is an example of an interpreted language?

- A. C++
- B. Java
- C. Python
- D. Go

Correct Answer: C

Community vote distribution

B (50%)

C (50%)

🗨️ **Dion79** Highly Voted 3 years, 4 months ago

The following languages are compiled:

C++

C#

COBOL

PASCAL

Java (Note: Java is both a compiled language as well as an interpreted language.)

Interpreted languages:

scripting languages

JavaScript

Perl

Python

upvoted 8 times

🗨️ **lexxone** Most Recent 1 month, 2 weeks ago

Selected Answer: C

C. Python

Python is considered an interpreted language because its code is executed line by line at runtime by an interpreter rather than being compiled into machine code beforehand

upvoted 1 times

🗨️ **Kunjesh9867** 5 months, 3 weeks ago

Phytho is purely interpreted [line by line]

upvoted 1 times

🗨️ **Ola_jidejerome** 10 months, 3 weeks ago

Selected Answer: B

can some clarify why B. is not the answer

upvoted 1 times

🗨️ **ROCompTIA** 8 months, 2 weeks ago

Python is an interpreted language, meaning that its code is executed by an interpreter at runtime rather than being compiled into machine code beforehand. This allows for more flexibility and ease of debugging, although it may result in slower execution compared to compiled languages like C++, Java, and Go.

upvoted 1 times


An employee's laptop does not connect to the Internet when it is used in a coffee shop. Which of the following is the MOST likely cause?

- A. Script blocker
- B. Proxy settings
- C. Private browsing
- D. Full browser cache

Correct Answer: B

Community vote distribution

B (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: B

B. Proxy settings

Explanation:

If the employee's laptop is configured to use a proxy server (such as in an office environment), it may prevent the laptop from connecting to public Wi-Fi at the coffee shop. Many corporate networks use proxies for security and content filtering, but these settings may not work on external networks.

Why not the other options?

- A. Script blocker – This only affects web page functionality, not overall internet connectivity.
- C. Private browsing – This only prevents tracking and does not impact connectivity.
- D. Full browser cache – A full cache might slow down browsing, but it wouldn't prevent an internet connection.

Solution:

To fix this issue, the employee should:

Open Internet Options or Network Settings in their browser.

Check Proxy Settings and disable or reset them.

Try connecting again to the public Wi-Fi.

upvoted 1 times


Which of the following filesystems would a Linux computer MOST likely use?

- A. HFS
- B. NTFS
- C. FAT32
- D. ext4

Correct Answer: D

Community vote distribution

D (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: D


D. ext4

Explanation:

ext4 (Fourth Extended Filesystem) is the most commonly used filesystem in modern Linux distributions. It is an improvement over ext3 and ext2, offering better performance, reliability, and support for larger file sizes.

Why not the other options?

- A. HFS (Hierarchical File System) – Used primarily by older MacOS systems.
- B. NTFS (New Technology File System) – Used by Windows operating systems.
- C. FAT32 (File Allocation Table 32) – A legacy filesystem used for USB drives and external storage but not typically for Linux system partitions.
upvoted 1 times

 **Kevin2015** 4 months, 3 weeks ago

- A. HFS - Hierarchical File System is for Mac superseded by apple file system.
- B. NTFS - New Technology File System is for windows
- C. FAT32 - File allocation table for Windows.
- D. ext4 - Fourth extension filesystem is for Linux.
upvoted 4 times



Which of the following concerns does installing cross-platform software address?

- A. Subscription
- B. Licensing
- C. Product key
- D. Compatibility

Correct Answer: D

Community vote distribution

D (100%)

  **lexxone** 1 month, 2 weeks ago

Selected Answer: D

D. Compatibility

Explanation:

Cross-platform software is designed to run on multiple operating systems (e.g., Windows, macOS, Linux) without requiring separate versions for each. This ensures compatibility across different devices and environments.

Why not the other options?

A. Subscription – Refers to payment models but is not directly related to cross-platform concerns.

B. Licensing – Deals with software usage rights, but cross-platform software does not inherently solve licensing issues.

C. Product key – A security measure for activation, but not directly related to cross-platform functionality.

upvoted 1 times

Which of the following requires the MOST frequent updating to remain effective?

- A. Antivirus
- B. Host firewall
- C. Web browser
- D. Device drivers

Correct Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **lexxone** 1 month, 2 weeks ago

Selected Answer: A

A. Antivirus

Explanation:

Antivirus software requires frequent updates to stay effective against new malware, viruses, and security threats that emerge daily. These updates include virus definitions, heuristics, and security patches to protect against evolving cyber threats.

Why not the other options?

B. Host firewall – Firewalls require updates but not as frequently as antivirus software. Most firewall rules and policies remain stable over time.

C. Web browser – Browsers do receive regular updates for security and performance, but not as frequently as antivirus definitions.

D. Device drivers – Drivers are updated occasionally for compatibility and performance improvements but do not require daily updates like antivirus software.

upvoted 1 times

🗨️ 👤 **JakeJakeJake** 3 years, 5 months ago

Some of these questions are so subjective

upvoted 4 times

🗨️ 👤 **Kunjesh9867** 5 months, 3 weeks ago

True statement

upvoted 1 times


Which of the following BEST explains the use of float over integer to store monetary values?

- A. It accepts negative values.
- B. It stores symbols
- C. It accommodates larger values.
- D. It supports decimals.

Correct Answer: D

Community vote distribution

D (100%)

 **lexxone** 1 month, 2 weeks ago

Selected Answer: D

D. It supports decimals.


Explanation:

Monetary values often include cents or fractional units (e.g., \$10.99), which require decimal precision. Floats (or better alternatives like decimal types) allow for precise representation of values with decimals, unlike integers, which only store whole numbers.

Why not the other options?

- A. It accepts negative values. → Both integers and floats can store negative values.
- B. It stores symbols. → Data types do not store symbols; string data types are used for that.
- C. It accommodates larger values. → While floats can store large values, integers can also represent large whole numbers (and often with more precision for whole numbers).

upvoted 1 times

 **69** 8 months ago

FLOAT - DECIMALS

INTEGER - WHOLE NUMBER

CHARACTER- A SINGLE NUMBER

BOOLEAN - ON/OFF SWITCH OR IF STATEMENT, DETERMINES WHAT IS IN AND WHAT STAYS OUT / PARAMETER

STRING - COLLECTION OF NUMBERS

upvoted 4 times

An IP address is 32 bits long. If converted to bytes, it would be:

- A. 4 bytes
- B. 8 bytes
- C. 16 bytes
- D. 64 bytes

Correct Answer: A

Community vote distribution

A (100%)

 **FaisalJ** Highly Voted 2 years, 1 month ago

1 byte = 8 bits -> 32 bits = 4 bytes
upvoted 7 times

 **lexxone** Most Recent 1 month, 2 weeks ago

Selected Answer: A

A. 4 bytes

Explanation:

An IPv4 address is 32 bits long. Since 1 byte = 8 bits, we calculate:

32

bits

8

bits per byte

=

4

bytes

8 bits per byte

32 bits

=4 bytes


Why not the other options?

B. 8 bytes → This would be 64 bits, which is incorrect for IPv4.

C. 16 bytes → This is the size of an IPv6 address (128 bits).

D. 64 bytes → This is much larger than an IPv4 or IPv6 address.

upvoted 1 times

 **sarahvp** 5 months, 2 weeks ago

A

8 bits = 1 bytes

hence 32 bits / 8bytes (small unit to a large unit we divide)

= 4 bytes.

upvoted 2 times

Which of the following BEST describes the purpose of a vector in programming?

- A. Storing a collection of data
- B. Repeating a similar operation
- C. Capturing user input
- D. Performing mathematical calculations

Correct Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **FaisalJ** Highly Voted 👍 3 years, 7 months ago

A is correct.

A vector, in programming, is a type of array that is one dimensional. Vectors are a logical element in programming languages that are used for storing data. Vectors are similar to arrays but their actual implementation and operation differs.

upvoted 8 times

🗨️ 👤 **Kunjesh9867** 5 months, 3 weeks ago

Thanks for the info

upvoted 1 times

🗨️ 👤 **ismail069** Highly Voted 👍 3 years, 9 months ago

A is correct. vectors are used for storing objects and collections of objects in an organized structure

upvoted 6 times

🗨️ 👤 **lexxone** Most Recent 🕒 1 month, 1 week ago

Selected Answer: A

A. Storing a collection of data

A vector in programming is a dynamic array that stores a collection of data. It allows elements to be added or removed dynamically, making it a flexible data structure commonly used in languages like C++ and Python (as lists).

upvoted 1 times

🗨️ 👤 **Colonel23** 9 months, 2 weeks ago

Sure A is correct

upvoted 1 times

🗨️ 👤 **Dion79** 3 years, 5 months ago

I'd go with A

upvoted 2 times

🗨️ 👤 **Eunike_Nally1** 3 years, 9 months ago

I believe it's supposed to be D

upvoted 1 times

🗨️ 👤 **yanis88** 1 year, 7 months ago

Nah, A is correct!

upvoted 1 times

Which of the following WiFi security options would create the MOST need for a VPN connection on the client device?


- A. Open
- B. WEP
- C. WPA
- D. WPA2

Correct Answer: A

Community vote distribution

A (100%)



 **lexxone** 1 month, 1 week ago

Selected Answer: A

A. Open

An Open WiFi network has no encryption or authentication, meaning any data transmitted over the network can be intercepted by attackers. This creates the greatest need for a VPN connection to secure communications and protect sensitive information.

upvoted 1 times

Which of the following BEST describes a technology that allows multiple users to create and edit reports at the same time?

- A. Text file on a shared drive
- B. Managed relational database
- C. Informational intranet page
- D. Locally installed productivity software

Correct Answer: B

Community vote distribution

A (50%)

B (50%)

🗨️ 👤 **lexxone** 3 weeks, 5 days ago

Selected Answer: B

B. Managed relational database

A managed relational database allows multiple users to create, edit, and update reports simultaneously while maintaining data integrity and access control. Unlike a simple text file or locally installed software, it supports concurrent modifications and ensures consistency in shared data.
upvoted 1 times

🗨️ 👤 **_denw** 1 year, 1 month ago

Selected Answer: A

The option that best describes a technology allowing multiple users to create and edit reports at the same time is not explicitly listed, but the closest match given the choices would be A. Text file on a shared drive. However, in practice, collaborative online document editing platforms like Google Docs or Microsoft Office 365 better fit this description.
upvoted 1 times

🗨️ 👤 **ROCompTIA** 8 months, 2 weeks ago

Nah bruh, it's B.

A managed relational database can support concurrent access by multiple users, allowing them to create, edit, and manage data and reports in real time. It ensures data consistency, handles transactions, and provides access control, making it an ideal solution for collaborative work on reports.

upvoted 1 times

A company has installed an application that only requires a workstation to function. Which of the following architecture types is this application using?

- A. One-tier
- B. Two-tier
- C. Three-tier
- D. n-tier

Correct Answer: A

Community vote distribution

A (100%)

🗨️ **fcc_class** 1 month, 1 week ago

Selected Answer: A

A. One-tier

Explanation:

A one-tier architecture (also known as a standalone application) means that the entire application—user interface, business logic, and data storage—runs on a single workstation without requiring external servers or databases.

Why the other options are incorrect:

B. Two-tier → Requires both a client (workstation) and a server (database/server application) to function. Example: A workstation running an application that connects to a remote database.

C. Three-tier → Involves three separate layers:

Presentation Layer (User Interface - Client)

Application Layer (Business Logic - Server)

Data Layer (Database - Database Server)

D. n-tier → Expands beyond three tiers, commonly used in cloud-based or enterprise applications with multiple layers (e.g., web servers, application servers, database servers).

upvoted 1 times

🗨️ **15ef0b6** 9 months, 2 weeks ago

I have no idea what this means either

upvoted 1 times

🗨️ **RoBery** 11 months ago

Can Someone explain this

upvoted 1 times

A global variable called `age` will be created in a program and incremented through the use of a function. Which of the following data types should be defined with the age variable?

- A. Integer
- B. Float
- C. Double
- D. String

Correct Answer: A

Community vote distribution

A (100%)

🗨️ **fcc_class** 1 month, 1 week ago

Selected Answer: A

A. Integer

Explanation:

Since the age variable represents a countable number (e.g., 25 years old, 30 years old) and will be incremented, it should be defined as an integer. Integers are whole numbers and do not require decimal precision, making them the most suitable data type for this scenario.

Why the other options are incorrect:

B. Float → Used for numbers with decimal points, but age is typically represented as a whole number (e.g., 25, not 25.5).

C. Double → Similar to float but with higher precision, which is unnecessary for an integer value like age.

D. String → A string stores text, but age is a numeric value that needs to be incremented, making a string unsuitable.

Conclusion:

Since age is a whole number that will be incremented, Integer (A) is the most appropriate data type. ☐

upvoted 1 times

🗨️ **Garra** 8 months ago

Since it is being incremented and the information does not specify storing an individual's age in something like a database the answer should be

A.

upvoted 1 times

Meaningful and accurate reporting is essential to retailers in making business decisions while managing inventory. Which of the following offers the BEST assistance in generating reports?

- A. Data capture and collections
- B. Asset inventory inputs
- C. Sales statistics
- D. Average loss output

Correct Answer: A

Community vote distribution

C (100%)

🗨️ **fcc_class** 1 month, 1 week ago

Selected Answer: C

C. Sales statistics

Explanation:

Sales statistics provide retailers with critical insights into business performance, inventory turnover, and customer demand. These statistics help retailers

upvoted 1 times

🗨️ **GarbanzoBeans** 9 months ago

Ask ChatGPT and it'll say C

upvoted 1 times

🗨️ **69** 2 years, 1 month ago

It is not B because as the question says, "Meaningful and accurate reporting is essential to retailers in making business decisions while managing inventory. Which of the following offers the BEST assistance in generating reports?" the data is here to capture that information and store it in a table (the way data is organized).

upvoted 2 times

🗨️ **FaisalJ** 2 years, 7 months ago

why not B?

upvoted 2 times

🗨️ **olaay** 2 years, 11 months ago

ok

excellent

upvoted 2 times

A business would like to create an employee portal that employees will have access to when they are at work. The employees will not be able to connect to the portal from home without a VPN connection. Which of the following types of application does this describe?

- A. Local application
- B. Intranet application
- C. Extranet application
- D. Internet application

Correct Answer: *B*

🗨️ 👤 **LeDarius3762** 7 months, 1 week ago

Intranet because is talking about an application that is private
upvoted 1 times

🗨️ 👤 **69** 1 year, 8 months ago

B) Intranet as that means local.
upvoted 1 times


A computer technician is assigned a ticket to install a laptop for a new employee. Due to the arrangement of the workspace, the employee requests that the laptop be installed with the cover closed. Which of the following would be required to satisfy this request? (Choose two.)

- A. Printer
- B. Mouse
- C. Webcam
- D. External hard drive
- E. Speakers
- F. Display

Correct Answer: BF

Community vote distribution

BF (100%)

 **lexxone** 3 weeks, 5 days ago

Selected Answer: BF

The two required peripherals to satisfy this request would be:

B. Mouse – Since the laptop will be closed, the user will need an external mouse for navigation.

F. Display – With the laptop cover closed, an external monitor is necessary to view the screen.

upvoted 1 times

A company wants its employee to use an email client that downloads and removes messages from the email server. Which of the following protocols must be configured in the email client to facilitate this?


- A. POP3
- B. IMAP
- C. ICMP
- D. SMTP

Correct Answer: A

Community vote distribution

A (100%)



 **yanis88** 7 months, 3 weeks ago

Selected Answer: A

POP3: downloads an email from the server and then deletes it (from the server).

IMAP: stores the email on the server and syncs it across several devices. It also allows you to organize the server mailbox

SMTP: used for email sending purposes (whilst both POP3 and IMAP are for receiving)

upvoted 1 times

Consider the following statements:

```
if userin = "commander"  
    then clearance = "topsecret"  
    else if userin = "analyst"  
        then clearance = "restricted"  
        else  
            clearance = "normal"
```

Given the input (userin) of `analyst`, to which of the following would the clearance variable be set?

- A. topsecret
- B. normal
- C. analyst
- D. restricted

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a reason why complex passwords are required?

- A. To encourage password variety
- B. To prevent someone from guessing them
- C. To make them harder to remember
- D. To reduce social engineering attacks

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A technician is troubleshooting an error message and tests the same program on a separate, identical machine. Which of the following troubleshooting methodology steps is this an example of?

- A. Duplicate the problem
- B. Gather information
- C. Question users
- D. Divide and conquer


Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following storage types is MOST vulnerable to magnetic damage?

- A. Flash
- B. SSD
- C. Optical
- D. HDD

Correct Answer: *D*

 **yanis88** 7 months, 3 weeks ago

It's only the HDD that contains magnetic coatings
upvoted 1 times

When developing a game, a developer creates a boss object that has the ability to jump. Which of the following programming concepts does jump represent?

- A. Method
- B. Object
- C. Property
- D. Attribute

Correct Answer: A

Community vote distribution

A (78%)

D (22%)

🗨️ **lexxone** 3 weeks, 5 days ago

Selected Answer: A

A. Method – In object-oriented programming, a method represents a function or behavior that an object can perform. In this case, "jump" is an action that the boss object can execute, making it a method.

upvoted 1 times

🗨️ **yanis88** 7 months, 3 weeks ago

Selected Answer: D

I went for D attribute cos my thinking was that the jump could be a method/function or a class saved in an object attribute something like:

```
boss.jump = Extras.Jump()
```

upvoted 2 times

🗨️ **billybobjoe_** 1 year ago

Selected Answer: A

METHOD

upvoted 1 times

🗨️ **omarcoming** 1 year ago

method man

upvoted 1 times

🗨️ **Amycert** 1 year, 2 months ago

Selected Answer: A

jumping would be a method

upvoted 1 times

🗨️ **[Removed]** 1 year, 11 months ago

Selected Answer: A

A method of an object is almost like a function to perform an action on it.

Dion79's ChangeAddress example is on point. In the situation described in the question, the "jump" action would possibly look like

```
BigBadDragon.jump()
```

Definitely a method.

upvoted 4 times

🗨️ **Dion79** 2 years, 5 months ago

Properties represent an alternative way of accessing a field publicly. Using a method might be regarded as quite a "heavyweight" means of doing this, so properties allow external code to ask the object to show or change the value of one of its fields.

I'd go with Method as well. Seems that provided answer might be wrong.

upvoted 2 times

🗨️ **Dion79** 2 years, 5 months ago



Object-Oriented Programming (OOP) is a popular way of designing code.

Objects can have attributes (fields), properties, and methods:

Attributes are values and data types that define the object. The attributes are stored within the object as fields or private variables. Other programs cannot access or change the fields directly. They must call a particular method (see below) to do that.



Methods define what you can do to an object. For example, a Customer object might have a ChangeAddress method. When another part of the program calls the ChangeAddress method, it also passes a string (hopefully containing a well-formatted address) to the object because that is what the method expects. The object's code receives this string, checks that it can be used as a valid address, and updates its Address field. The object might then have another method (PrintAddress) allowing another part of the program to find out what the current value of the Address field is.

upvoted 1 times

  **FaisalJ** 2 years, 7 months ago

it should be method!!

upvoted 2 times

  **luicosta** 2 years, 12 months ago

it should be a method instead

upvoted 3 times

Concerned with vulnerabilities on a home network, an administrator replaces the wireless router with a recently released new device. After configuring the new device utilizing the old SSID and key, some light switches are no longer communicating. Which of the following is the MOST likely cause?

- A. The light switches do not support WPA2.
- B. The router is operating on a different channel.
- C. The key does not meet password complexity requirements.
- D. The SSID is not being broadcast.

Correct Answer: B

Community vote distribution

B (100%)

🗨️ **fcc_class** 1 month ago

Selected Answer: B

B. The router is operating on a different channel.

Many smart home devices, including light switches, are often configured to communicate on a specific Wi-Fi channel. If the new router is operating on a different channel or frequency band (e.g., 5 GHz instead of 2.4 GHz), older or IoT devices may struggle to connect. Checking the router settings and ensuring compatibility with the light switches' frequency requirements can help resolve the issue.

upvoted 1 times

🗨️ **Nightto** 4 months, 1 week ago

It could be any of these bruh

upvoted 2 times

🗨️ **yanis88** 7 months, 3 weeks ago

A. The light switches do not support WPA2. --> If it's a super old device might not supporting the WPA2 or needs changing the settings on the device.

B. The router is operating on a different channel. --> The devices should scan all channels and connect to the known networks

C. The key does not meet password complexity requirements. --> I believe the router wouldn't let you save the settings if that was the case

D. The SSID is not being broadcast. --> That could happen if the network is hidden

upvoted 2 times

🗨️ **andrewdh** 2 years, 2 months ago

A device will scan for a channel change in the AP, so that is right Answer. The best answer is that the new AP has upgraded to WPA2 and the old device does not support it.

upvoted 3 times

Given the following pseudocode:

```
For each apple in the basket, eat two oranges unless
it is the last apple, then eat three oranges.
```

If there are seven apples in the basket, which of the following would be the number of oranges a person eats?

- A. 10
- B. 14
- C. 15
- D. 17

Correct Answer: C

Community vote distribution

C (100%)

 **JassuSingh** Highly Voted 2 years, 9 months ago

15 is right because the person eats 2 oranges 6 times which equals to 12 and then eats 3 oranges for the last apple which gives the grand total of 15.

upvoted 9 times

 **yanis88** Most Recent 7 months, 3 weeks ago

Selected Answer: C

C. 15

Consider this simple python:

```
apples = 7 # number of apples in the basket
oranges = 0 # init the oranges
```


```
# we loop through the 'basket' till one apple is left and then we break
for item in range(apples, 1, -1): # loop through the basket with apples, range(start, stop, step)
    oranges += 2
```

```
oranges += 3 # add the last oranges for the last apple
print(oranges) # that should give 15
upvoted 1 times
```

 **Idkhelpme** 1 year, 1 month ago

$6 \times 2 + 1 \times 3 = 15$

upvoted 2 times

 **Quallie** 2 years, 7 months ago

It doesn't say the apples are removed each time you eat the corresponding oranges, so the answer should be 14

upvoted 2 times

 **[Removed]** 1 year, 11 months ago

Nobody said anything about removing the apples, a "for each" cycle evaluates each object in sequence, you can point to each apple one by one without touching them.

They can all stay together in the basket without risk of confusion.

The answer is 15.

upvoted 2 times

 **CyberChic** 2 years, 10 months ago

There are 7 apples in the basket. $7 \times 2 = 14$ not 15

upvoted 1 times

Which of the following are the primary functions of an operating system? (Choose two.)

- A. Provide structure for file and data management.
- B. Provide protection against malware and viruses.
- C. Provide peer-to-peer networking capability.
- D. Provide user data encryption.
- E. Provide virtual desktop capability.
- F. Provide system resources.

Correct Answer: AF

Community vote distribution

AF (100%)

 **lexxone** 3 weeks, 5 days ago

Selected Answer: AF

- A. Provide structure for file and data management.
- F. Provide system resources.

Explanation:

File and Data Management: The OS manages files, directories, and storage devices, allowing users and applications to access and organize data efficiently.

System Resources Management: The OS allocates CPU, memory, and other hardware resources to ensure the smooth operation of programs and processes.

Other options, like malware protection or encryption, are typically handled by additional security software rather than the core OS functions.

upvoted 1 times

SQL databases use primary and foreign keys to enable which of the following?

- A. Rows
- B. Fields
- C. Schemas
- D. Relationships

Correct Answer: D

Community vote distribution

D (100%)

 **lexxone** 3 weeks, 5 days ago

Selected Answer: D

D. Relationships

Explanation:

Primary keys uniquely identify each record in a table.

Foreign keys establish links between tables by referencing primary keys in other tables.

Together, they enable relationships between tables in a relational database, ensuring data integrity and enforcing referential constraints
upvoted 1 times

Which of the following is a logical structure for storing files?

- A. Folder
- B. Extension
- C. Permissions
- D. Shortcut

Correct Answer: A

Community vote distribution

A (100%)



 **fcc_class** 1 month ago

Selected Answer: A

A. Folder

A folder is a logical structure used to store and organize files within a file system. It allows users to group related files together, making it easier to manage and access them.

Extension refers to the file type (e.g., .txt, .jpg).

Permissions control access to files and folders.

Shortcut is a link to a file or folder, not a storage structure itself.

upvoted 1 times

Which of the following is both an input and output device?

- A. Microphone
- B. Speaker
- C. Touch-screen monitor
- D. Keyboard

Correct Answer: C

Community vote distribution

C (100%)

 **meya** Highly Voted 3 years, 6 months ago

I think the answer should be touch screen monitor. Touch for input and the monitor provides output.
upvoted 13 times

 **fcc_class** Most Recent 1 month ago

Selected Answer: C

C. Touch-screen monitor


A touch-screen monitor functions as both an input and output device. It displays visual information (output) while also allowing the user to interact with the screen through touch (input).

Microphone is only an input device.


Speaker is only an output device.

Keyboard is only an input device.

upvoted 1 times

 **Agognut** 9 months, 2 weeks ago

This answer is touchscreen monitor
upvoted 1 times

 **jim24** 1 year ago

the accuracy of this website's answer correctness is terrible, this is literally a CompTIA practice assessment question and the right answer is a touch screen monitor. In no way shape or form is a microphone a input-output system.
upvoted 3 times

 **yanis88** 1 year, 1 month ago

Selected Answer: C

C. Touch-screen :)

upvoted 1 times


 **ldkhelpme** 1 year, 7 months ago

Funny how the options include speaker and microphone which would basically cancel them out. It's touch screen monitor. It outputs display and inputs, well input
upvoted 1 times

 **oxidiu** 1 year, 8 months ago

Selected Answer: C

Come one :)) if anyone can tell me what is the output of a microphone I'll throw myself off the building
upvoted 1 times

 **Jason0** 1 year, 7 months ago

the electrical signal from the transducer in the microphone which takes sound and converts it into the electrical signal. however, the answer to this question is still Touch-Screen monitor
upvoted 1 times

 **noiseproto** 2 years, 5 months ago

Selected Answer: C

Audio engineer here while you can technically output a signal to a microphone and hear audio from it... (I don't recommend you try this for yourself as you might accidentally destroy your mic unless you have a really cheap mic you're willing to sacrifice) ...That is not the intention of a microphone. Not to mention the fact that you can't both input and output a signal from it at the same time. A microphone is clearly intended to be used as a input-only device. However a touchscreen both is capable of inputs and outputs at the same time where as a microphone isn't.

upvoted 3 times

🗨️ 👤 **yeoldcelt** 2 years, 5 months ago

Microphone is an input device...WTH? Touchscreen provides output even using a touchscreen calculator!

upvoted 2 times

🗨️ 👤 **[Removed]** 2 years, 5 months ago

Selected Answer: C

The answer is definitely C

upvoted 2 times

🗨️ 👤 **FaisalJ** 3 years, 1 month ago

Touch screen is the answer!!!

upvoted 3 times

🗨️ 👤 **Nicmc** 3 years, 6 months ago

yea my microphones do not output anything. But my touchscreen accepts input and outputs an image

upvoted 3 times

A technician has successfully verified full system functionality after implementing the solution to a problem. Which of the following is the NEXT troubleshooting step the technician should do?

- A. Determine if anything has changed.
- B. Document lessons learned.
- C. Establish a theory of probable cause.
- D. Duplicate the problem, if possible.

Correct Answer: B

Community vote distribution

B (100%)

 **fcc_class** 1 month ago

Selected Answer: B

B. Document lessons learned.

After verifying full system functionality, the next step in the troubleshooting process is to document the findings, actions taken, and lessons learned. This ensures that future troubleshooting efforts are more efficient and that there is a record of the issue and its resolution for reference.

A. Determine if anything has changed → This step is part of the earlier troubleshooting process.

C. Establish a theory of probable cause → This is done before implementing a solution.

D. Duplicate the problem, if possible → This is done earlier to identify the issue, not after fixing it.

upvoted 1 times

A large payment website was breached recently. A user is concerned that the breach will affect account security on other sites. Which of the following password best practices would mitigate this risk?

- A. Password history
- B. Password reuse
- C. Password expiration
- D. Password age

Correct Answer: C

Community vote distribution

C (60%)

B (40%)

🗨️ **fcc_class** 1 month ago

Selected Answer: B

B. Password reuse

Avoiding password reuse mitigates the risk of a security breach affecting multiple accounts. If a user's credentials from the breached payment website are reused on other sites, attackers could gain access to those accounts as well. Using unique passwords for each site ensures that a breach on one platform does not compromise security elsewhere.

upvoted 1 times

🗨️ **Torrente** 1 month, 1 week ago

Selected Answer: B

It's password reuse. If a user reuses the same password across multiple websites, a breach on one site (such as a payment website) can compromise accounts on other sites. The best practice to mitigate this risk is to avoid password reuse and use a unique password for each account.

upvoted 1 times

🗨️ **niloofar** 5 months, 1 week ago

Password history is a password policy feature that helps mitigate the risk of password breaches on one site affecting account security on other sites. It enforces the rule that a user cannot reuse their most recent passwords, ensuring that if one site's passwords are compromised, the attacker cannot immediately use the same password on other sites where the user has an account.

upvoted 1 times

🗨️ **LeDarius3762** 1 year, 1 month ago

Selected Answer: C

Password expiration is the way to MITIGATE the risk

Password reuse is the PRACTICE that the user has followed and that's why is worried about the breach, because password reuse is a risky practice

upvoted 3 times

🗨️ **Janwillemr** 1 year, 1 month ago

Password reuse is not a password best practice. Password expiration is a password best practice to envoid password reuse.

upvoted 1 times

🗨️ **MCI** 1 year, 3 months ago

It is saying that "user is concerned that the breach will affect account security on other sites"

That means he reuses the password on different website.

Deffinition for password expiration is :

"History/expiration—change the password periodically. Many systems can automatically enforce password expiration, meaning users have to choose a new password. Such a system may also keep a history of previously used passwords and prevent the user from choosing the same one again"

So the correct should be password reuse.

upvoted 2 times

🗨️ **FaisalJ** 2 years, 7 months ago

Password expiration: means changing the password and never using it again as if it died.
upvoted 1 times

A company is concerned with ensuring its databases are highly available. Which of the following can be used to increase database availability?

- A. Backups
- B. Prioritization
- C. Indexes
- D. Failover

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A user revisits a website and receives a message that the site may not be secure. The user is prompted to click a link to continue to the site. Which of the following would MOST likely identify the issue?

- A. Checking the proxy settings
- B. Checking that caching is enabled
- C. Checking browser add-ons
- D. Checking certificate validity

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A user wants to ensure port 3389 is open for remote desktop on a PC. Which of the following describes where the user should verify the port is open?

- A. Antivirus
- B. Anti-malware
- C. Device Manager
- D. Host firewall

Correct Answer: D

  **ROCompTIA** 7 months, 2 weeks ago

There is another method to check if the port 3389 (remote desktop port) is working. You can use command prompt in admin mode and type telnet <the public ip you are trying to connect> 3389.

upvoted 1 times

Which of the following contains exactly four copper wires?

- A. RJ45
- B. VGA
- C. RJ11
- D. USB

Correct Answer: C

Community vote distribution

D (50%)

A (50%)

_denw 7 months, 2 weeks ago

C. RJ11 contains exactly four copper wires.
upvoted 1 times

mysticjuice 11 months, 2 weeks ago

Selected Answer: A

RJ45 connectors are commonly used for Ethernet connections and typically have four copper wires for transmitting and receiving data. They are used for networking purposes, such as connecting computers to routers or switches.
upvoted 1 times

Jason0 1 year, 7 months ago

Selected Answer: D

RJ11 can have up to 6 where USB is 4
upvoted 1 times

FaisalJ 3 years, 1 month ago

Registered Jack-11 (RJ-11) is a four or six wire connection for telephone and Modem connectors

The main difference between RJ11 and RJ45 is that RJ11 is the cable connector used in telephone sets while RJ45 is used in networking, where you connect computers or other network elements to each other. ... RJ45 has 8 wires inside whereas Rj11 has 4 wires
upvoted 1 times

A technician replaces the video card in a user's PC. The user reports the resolution on the display seems very low, but the operating system will not let the user adjust it any higher. Which of the following steps would MOST likely fix this problem?

- A. Replace the user's display.
- B. Update the PC's operating system.
- C. Replace the video cable.
- D. Install new video drivers.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

All users have access to an application at a company. The data from the application is stored on a centralized device located on the network. Which of the following devices would MOST likely be used to store the data?

- A. Server
- B. Tape library
- C. External HDD
- D. Workstation

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following types of network security deals with deviations from the historic connection patterns and analysis of new threats to provide effective mitigation responses?

- A. Behavior security
- B. Information Identity Management
- C. Unauthorized hacking
- D. Authorized hacking

Correct Answer: A

Community vote distribution

A (100%)

 **fcc_class** 1 month ago

Selected Answer: A

A. Behavior security

Behavior security involves monitoring network traffic and user activities to detect deviations from established patterns. By analyzing historical connection patterns and identifying anomalies, behavior security helps in detecting and mitigating emerging threats, such as unauthorized access, malware, or suspicious network activity.

B. Information Identity Management deals with managing user identities and access permissions.

C. Unauthorized hacking refers to malicious cyber activities, not a security measure.

D. Authorized hacking (also known as ethical hacking) involves penetration testing to identify vulnerabilities but does not specifically focus on analyzing historical connection patterns.

upvoted 1 times

A web developer wants to ensure that a new web application is not vulnerable to brute-force attacks. Which of the following best practices is MOST useful to meet this goal?

- A. Input validation
- B. System updates
- C. Password lockout
- D. Login auditing

Correct Answer: C

Community vote distribution

C (100%)

🗨️ 👤 **lexxone** 3 weeks, 5 days ago

Selected Answer: C

C. Password lockout

Explanation:

Password lockout limits the number of incorrect login attempts before temporarily disabling or locking an account. This helps prevent brute-force attacks, where attackers try many password combinations.

Other options:

Input validation prevents malicious inputs but does not directly stop brute-force attacks.

System updates are important for security but do not specifically address brute-force attacks.

Login auditing helps monitor login attempts but does not actively block brute-force attempts.

upvoted 1 times

🗨️ 👤 **15ef0b6** 9 months, 2 weeks ago

Selected Answer: C

I'm assuming they are talking about passwords brute force attacks so I'd say C then

upvoted 1 times

Which of the following is the number of bytes that is in 2KB?


- A. 1024
- B. 2048
- C. 20000
- D. 1048576

Correct Answer: B

Community vote distribution

B (100%)




 **Torrente** 1 month, 1 week ago

Selected Answer: B

1 KB (Kilobyte) = 1024 bytes

2 KB = $2 \times 1024 = 2048$ bytes

upvoted 1 times

 **Kussette** 5 months, 3 weeks ago

Should be 2048 since 1 kilobyte = 1024 bytes

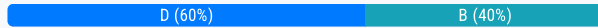
upvoted 1 times

A WPA2 enterprise wireless network has been subject to several attacks within the last month. Which of the following would be the BEST option to improve the security of the network?

- A. Change the SSID.
- B. Change the default password.
- C. Change to WEP security.
- D. Create a guest network.

Correct Answer: D

Community vote distribution



🗨️ **Torrente** 1 month, 1 week ago

Selected Answer: D

the best option to improve security is to isolate guest users from the main network by creating a guest network
upvoted 1 times

🗨️ **mysticjuice** 5 months, 2 weeks ago

Selected Answer: B

Changing the default password is an essential security measure for any network, including a WPA2 enterprise wireless network. This helps to prevent unauthorized access in case the default password is known or easily guessable.

Changing the SSID and creating a guest network are also good security practices, but they do not directly address the specific issue of repeated attacks. Switching to WEP security is not recommended, as it is less secure than WPA2. It is considered outdated and vulnerable to various attacks.

upvoted 2 times

🗨️ **PatrickH** 7 months, 1 week ago

Any device with a default password is just asking for trouble. Change the default password ASAP. Creating a Guest network wont help or hinder much either way
upvoted 2 times

🗨️ **Nightdiver70** 11 months, 3 weeks ago

Selected Answer: D

Creating a guest network segregates the corporate network and does not allow for guest devices to see the corporate resources.
upvoted 2 times

Which of the following is the BEST overall storage option for a laptop?

- A. Flash drive
- B. Hard drive
- C. SD card
- D. Solid-state drive

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A technician has worked through all steps of the troubleshooting methodology and has not been able to resolve the issue. Which of the following should the technician do NEXT?

- A. Escalate as necessary.
- B. Confirm the root cause.
- C. Establish a new theory.
- D. Gather information.

Correct Answer: A

Community vote distribution

A (100%)

 **fcc_class** 1 month ago

Selected Answer: A

A. Escalate as necessary.

If a technician has worked through all troubleshooting steps and cannot resolve the issue, the next step is to escalate the problem to a higher-level technician or appropriate support team. This ensures that the issue is handled by someone with more expertise or additional resources.

B. Confirm the root cause → This should have already been done earlier in the troubleshooting process.

C. Establish a new theory → If all logical theories have been tested and failed, escalation is the next step rather than repeatedly forming new theories.

D. Gather information → Gathering information is an early step in troubleshooting, not the next step after exhausting all efforts.

upvoted 1 times

A network has been infected with a worm. Which of the following would be the BEST security measures to take? (Choose two.)

- A. Update the IPS signatures.
- B. Update the network firewall.
- C. Update the malware definitions.
- D. Quarantine the network.
- E. Reset the network router.
- F. Contact the ISP.

Correct Answer: CD

Community vote distribution

AC (67%)


AD (33%)

 **Torrente** 1 month, 1 week ago

Selected Answer: AD

Quarantine the network so it can't spread and you can fix things. Updating IPS signatures will ensure that the system can identify and block any activity associated with the worm.

upvoted 1 times

 **mysticjuice** 5 months, 2 weeks ago

Selected Answer: AC

Updating the IPS (Intrusion Prevention System) signatures and malware definitions are crucial steps in dealing with a worm infection. This ensures that the security systems are aware of the latest threats and can better defend against them.

Additionally, quarantining the network (D) can help isolate the infected systems and prevent further spread of the worm.

The other options (B, E, F) may also be relevant in certain situations, but updating IPS signatures and malware definitions, along with quarantining affected systems, are the most immediate and effective measures to address the worm infection.

upvoted 2 times

The marketing department contacts the web development team and states that they are receiving inconsistent values in a newly launched form. Which of the following is MOST likely the problem?

- A. Private browsing is being used by some clients visiting the site.
- B. Client-side scripting has been deactivated on some clients visiting the site.
- C. Legacy browsers that do not support scripting are being used by some clients.
- D. Server-side scripting has been deactivated by the server administrator.

Correct Answer: *B*

  **gwanolabar** 5 months ago

B. Client-side scripting has been deactivated on some clients visiting the site.

Since this is a form, we need the clients to take it. If something isn't working on their end, there could be some loose information that we receive.

upvoted 2 times

Which of the following is MOST likely to be considered protected personal information?

- A. Property tax records
- B. Court records
- C. Medical records
- D. Genealogy records

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A systems administrator downloads an update for a critical system. Before installing the update, the administrator runs a hash of the download and ensures the results match the published hash for the file. This is an example of:

- A. confidentiality concerns.
- B. accounting concerns.
- C. integrity concerns.
- D. availability concerns.

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A database administrator created the outline for a database that describes its components and how they work. Which of the following did the database administrator create?

- A. Record
- B. Constraint
- C. Field
- D. Schema

Correct Answer: *D*

  **Dion79** 5 months ago

A database is an organized collection of information. The information is stored in a structured manner for easier access. Typically, a database consists of tables of information, organized into columns and rows. Each row represents a separate record in the database, while each column represents a single field within a record.

The structure of the database in terms of the fields defined in each table and the relations between primary and foreign keys is referred to as the schema.

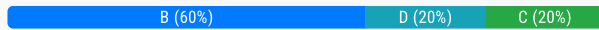
upvoted 1 times

The Chief Executive Officer (CEO) has received several emails that are missing attachments. Which of the following concerns is the CEO experiencing?

- A. Eavesdropping
- B. Email service outage
- C. Man-in-the-middle
- D. Denial-of-service

Correct Answer: B

Community vote distribution



🗨️ **Torrente** 1 month, 1 week ago

Selected Answer: B

The answer should be B. Missing attachments indicates that there may be an issue with the email service, such as an outage or disruption in the email delivery system. MITM while it could potentially modify email contents, it does not specifically explain the issue of missing attachments in this context.

upvoted 1 times

🗨️ **xls1000** 7 months, 1 week ago

Selected Answer: B

B. Email service outage

An email service outage could prevent attachments from being properly included or displayed in emails, leading to the situation where the CEO receives emails without attachments. This issue is often related to technical problems with the email service provider or connectivity issues rather than deliberate security attacks.

upvoted 1 times

🗨️ **mysticjuice** 11 months, 2 weeks ago

Selected Answer: B

If the CEO is consistently receiving emails with missing attachments, it suggests a problem with the email service itself. This could be due to a variety of reasons, such as server issues, misconfigurations, or problems with the email client. This is a concern related to the availability of the email service.

upvoted 1 times

🗨️ **LeDarius3762** 1 year, 7 months ago

Selected Answer: C

C) is correct

Because a man-in-the-middle attack can intercept the messages between two users, and inject new ones, in this case, the ones that don't have the attachment

upvoted 1 times

🗨️ **Amycert** 1 year, 9 months ago

Selected Answer: D

it should be D. Denial-of-service
so many emails could cause that

upvoted 1 times

🗨️ **ROCompTIA** 1 year ago

The question says has received several emails that are missing attachments. There is no ddos attack anywhere in the world in which attachments disappear.

upvoted 2 times

Which of the following is an IP address?

- A. 0x64F32
- B. 00:0F:AC:17:2F:32
- C. 10010110
- D. 172.0.0.1



Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A developer is troubleshooting code in an application. The code is supposed to return the word `vegetables` if the category id is only 2. However, the code is returning vegetables for all values except category id 1. Which of the following code statements would BEST correct the issue?


- A. `If category id = 1 then 'Fruit' Else 'Vegetables'`
- B. `If category id = 1 then 'Fruit' Else if category id = 2 then 'Vegetables' Else 'Candy'`
- C. `If category id <> 1 then 'Vegetables' Else 'Fruit'`
- D. `If category id = 1 then 'Fruit' Else if category id >= 2 then 'Vegetables' Else 'Candy'`

Correct Answer: B

  **Esty8586** 6 months, 2 weeks ago

ONLY IS KEY WORD

upvoted 1 times

  **[Removed]** 1 year, 6 months ago

Only the value = 2 will give the correct results

upvoted 1 times

Which of the following would allow an application to run automatically when a computer is started?

- A. Processes
- B. Journaling
- C. Services
- D. Drivers

Correct Answer: C

Community vote distribution

C (75%)

A (25%)

🗳️ **xls1000** 7 months, 1 week ago

Selected Answer: C

C. Services

Services in a computing environment are programs or processes that run in the background and provide specific functionality or features to the operating system or other applications. They can be configured to start automatically when the computer boots up, allowing applications or system processes to run without requiring user intervention.

Therefore, services are the component that would allow an application to run automatically when a computer is started.

upvoted 1 times

🗳️ **jim24** 1 year ago

Selected Answer: A

Automatic Startup Processes

upvoted 1 times

🗳️ **yanis88** 1 year, 1 month ago

Selected Answer: C

A process is a program which is started by the system (OS) or a third-party application. It is terminated once its purpose is done.

A service is a program which runs in the background (when OS starts up (usually)), and does not terminate unless it encounters a problem.

upvoted 1 times

🗳️ **jim24** 1 year ago

they are labeled as automatic startup processes. Think about it as like you said, started up by the OS, even though we enable the OS to process something on startup it doesn't mean its a service

upvoted 1 times

🗳️ **LeDarius3762** 1 year, 7 months ago

Selected Answer: C

The question is asking what will allow an app to run automatically at system startup. These are services, the process is an instance you directly interact with

upvoted 1 times

🗳️ **Jason0** 1 year, 7 months ago

Selected Answer: A

When applications run they run in memory which is a process. You can have applications run when your computer boots. Think of how your anti-virus or Teams loads automatically when Windows boots up.

upvoted 1 times

🗳️ **Jimmel** 1 year, 10 months ago

Selected Answer: C

It's a service, not a process.

upvoted 1 times

🗳️ **jim24** 1 year ago

no it is not. in our pcs they are labeled as automatic startup processes

upvoted 1 times

  **[Removed]** 2 years, 5 months ago

Selected Answer: C

Creating a service with an automatic startup, or delayed startup, would allow for an application to start with the system. I don't get what "Processes" is supposed to mean in this context.

upvoted 2 times

An organization exports an inventory database nightly. This is an example of:

- A. database query.
- B. database report.
- C. database backup.
- D. database import.

Correct Answer: C

🗨️ 👤 **LeDarius3762** 7 months, 1 week ago

The answer is C) Database backup. What is exported is the whole database for backup purposes, that's why is made at night (nightly) when no one is working in the database. If it was for report purposes wouldn't be made at day (daily) ?

upvoted 1 times

🗨️ 👤 **Amycert** 9 months ago

the provided answer should be correct, as it is the database that is being exported

upvoted 1 times

🗨️ 👤 **Dion79** 1 year, 11 months ago

I agree with you, I would go with database report

upvoted 2 times

🗨️ 👤 **Dion79** 1 year, 10 months ago

It may also be necessary to export data from the database for use in another database or in another type of program, such as a spreadsheet.

provided answer again looks correct. damn....

upvoted 1 times

🗨️ 👤 **[Removed]** 1 year, 5 months ago

What is exported is the inventory database, not the inventory.

I think the choice of word ("export") is not the best but still correct.

You export a copy of the inventory database from the database management system, for backup purposes.

I feel the provided answer is correct.

upvoted 3 times

🗨️ 👤 **Kussette** 1 year, 11 months ago

Exports of inventory is a form of report rather of a backup.

upvoted 4 times

A user is having issues connecting to the Internet through a web browser; however, the user is receiving email and instant messages. Which of the following should the user do to BEST resolve the issue?

- A. Validate the certificate.
- B. Verify the proxy settings.
- C. Disable the pop-up blocker.
- D. Clear the browser cache.

Correct Answer: B

Community vote distribution

B (100%)

 **Torrente** 1 month, 1 week ago

Selected Answer: B

The user having access to email and instant messages tells us that the user has access to the internet. Therefore there should be an issue with the web browser. By verifying the proxy settings.. this can resolve the issue.

upvoted 1 times

Which of the following data types BEST performs calculations?

- A. Integer
- B. Char
- C. String
- D. Vector

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A user has an outdated version of an operating system for which support is no longer available. The browser is also out of date. Which of the following should the user do to BEST protect online banking information?

- A. Install and configure a firewall.
- B. Install and run an antivirus program.
- C. Install and use another browser.
- D. Install and configure an IDS.

Correct Answer: B

Community vote distribution

C (100%)

🗨️ 👤 **Jappo** 2 months, 3 weeks ago

Selected Answer: C

What does B have to do with the problem? lol answer is C
upvoted 1 times

🗨️ 👤 **Agognut** 9 months, 2 weeks ago

Selected Answer: C

C. Install and use another browser.

Using an updated browser is crucial for security. It helps protect against known vulnerabilities and ensures that the user benefits from the latest security features. Additionally, the user should consider updating their operating system to a supported version if possible.
upvoted 1 times

🗨️ 👤 **Nightto** 10 months, 1 week ago

Id choose C, installing a Anti Virus wont change the fact that your browser and system are still unsupported
upvoted 1 times

🗨️ 👤 **niloofar** 11 months, 2 weeks ago

C is correct, Some modern browsers automatically update themselves to help protect against known vulnerabilities.
upvoted 1 times

🗨️ 👤 **GarbanzoBeans** 1 year, 3 months ago

ChatGPT says C and I agree with it
upvoted 2 times

Which of the following internal computing components has the primary function of producing visual output to a monitor or other display device?

- A. CPU
- B. VGA
- C. GPU
- D. GUI

Correct Answer: C

Community vote distribution

C (86%)

14%

🗳️ 👤 **RoBery** 5 months ago

Selected Answer: B

Its VGA Because it says primary display and that comes before you get a GPU
upvoted 1 times

🗳️ 👤 **xls1000** 7 months, 1 week ago

Selected Answer: C

C. GPU (Graphics Processing Unit)

The GPU is specifically designed to handle graphics-related tasks such as rendering images, videos, and animations, and displaying them on the screen. It is responsible for processing and accelerating the graphics workload, allowing for smooth and efficient rendering of visual content on the display device.

upvoted 1 times

🗳️ 👤 **Agognut** 9 months, 2 weeks ago

Selected Answer: C

C. GPU (Graphics Processing Unit)

The GPU (Graphics Processing Unit) is responsible for producing visual output to a monitor or display device by processing and rendering graphical information.

upvoted 1 times

🗳️ 👤 **mysticjuice** 11 months, 2 weeks ago

Selected Answer: C

A GPU (Graphics Processing Unit) is a specialized electronic circuit designed to accelerate the processing of images and videos. Its primary function is to render and display visual output on a monitor or display device. This makes it a crucial component for tasks involving graphics-intensive applications, including gaming, video editing, and other visual content creation.

upvoted 1 times

🗳️ 👤 **Amycert** 1 year, 9 months ago

Selected Answer: C

should be GPU as it says internal and also says computing

upvoted 3 times

🗳️ 👤 **Dion79** 2 years, 11 months ago

<https://helpdeskgeek.com/how-to/how-to-switch-between-dedicated-gpu-and-integrated-graphics/>

I not sure why it would be VGA, i would select GPU

upvoted 2 times

🗳️ 👤 **Dion79** 2 years, 10 months ago

think the wording tricky, few more looks at this question i'd go with provided answer. VGA..

upvoted 1 times



🗳️ 👤 **[Removed]** 2 years, 5 months ago

As absurd as it sounds, I think they are differentiating from GPU to make processing operations and VGA (video graphics adapter, not the cable) to output the image.

Nowadays we use GPU to identify the graphics card as a whole, which might not be technically correct if you think about it.

I would normally choose GPU, too, but for this question... reluctantly VGA.

upvoted 2 times

  **Kussette** 2 years, 11 months ago

GPU is an internal computing component. VGA is a physical medium that passes video traffic

upvoted 4 times

A schema is a critical part of which of the following?

- A. Relational database
- B. Key/value database
- C. Document database
- D. NoSQL database

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

In a mobile phone, which of the following wireless technologies is MOST likely to provide Internet connectivity?

- A. RF
- B. IR
- C. VPN
- D. NFC

Correct Answer: A

Community vote distribution

A (100%)

🗳️ 👤 **15ef0b6** 9 months, 2 weeks ago

Selected Answer: A

I chose RF
upvoted 1 times

🗳️ 👤 **xls1000** 1 year, 1 month ago

Selected Answer: A

A. RF (Radio Frequency)

RF refers to the use of electromagnetic waves in the radio frequency range for various wireless communications, including cellular networks, Wi-Fi, and Bluetooth. Mobile phones typically connect to the Internet via RF technologies such as cellular networks (3G, 4G, 5G), which enable data transmission between the mobile device and the Internet infrastructure, allowing users to access online services, browse websites, use apps, and more.

upvoted 1 times

🗳️ 👤 **Agognut** 1 year, 3 months ago

Selected Answer: A

A. RF (Radio Frequency)

In a mobile phone, Internet connectivity is typically provided through RF (Radio Frequency) technologies, such as cellular networks like 4G or 5G, which use radio waves for data transmission.

upvoted 1 times

🗳️ 👤 **yanis88** 1 year, 7 months ago

Selected Answer: A

A. RF

VPN is a Virtual Private Network technology that runs on existing Wireless/Wired connections, it doesn't provide one. If the cellular, wifi, wired connection is down your VPN client won't be able to communicate with the VPN server.

upvoted 1 times

🗳️ 👤 **GarbanzoBeans** 1 year, 9 months ago

ChatGPT says A, and VPN doesn't "provide" wireless connectivity, it provides security. VPNs can't do anything without provided wireless connection.

upvoted 2 times

🗳️ 👤 **JasonO** 2 years, 1 month ago



Selected Answer: A

VPN is not a type of wireless technology.
upvoted 1 times

🗳️ 👤 **[Removed]** 2 years, 11 months ago

Selected Answer: A

Of all the choices, RF is the only logical one.
upvoted 3 times

  **Dion79** 3 years, 5 months ago

I would select RF.

<https://www.engineersgarage.com/how-internet-works-on-mobile-devices/>
upvoted 2 times

Ann, a user, wants to ensure that if her credentials are compromised, they cannot be used to access all of her logins or accounts. Which of the following best practices should she implement?

- A. Password history
- B. Password length
- C. Password reuse
- D. Password complexity

Correct Answer: A

Community vote distribution

A (83%)

D (17%)

ROCompTIA 8 months, 2 weeks ago

Selected Answer: A

aaaaaaaaaaaaaaaaaaaaaaaaaaaa
upvoted 1 times

Nightto 1 year, 4 months ago

Wording is very illogical ngl
upvoted 1 times

jim24 1 year, 6 months ago

im beginning to question whether or not i should be using this site as a study asset for ITF thankfully all the ones it is wrong about are ones that clearly have a different answer
upvoted 2 times

yanis88 1 year, 7 months ago

Selected Answer: D

That's a tricky one:

- A. Password History: determines the number of unique new passwords that must be associated with a user account before an old password can be reused.
- B. Password length: set minimum password length to at least a value of X
- C. Password reuse: use the same password across different online services
- D. Password complexity: how difficult a password is to guess in relation to any number of guessing or cracking methods. In some cases, the term is also used to refer to requirements for password selection that are designed to increase password complexity in the interest of better security.

My two coins:

Reuse is definitely not the measure that improves security. Length is just the length of the password; could different requirements in Ann's account result to different passwords? History, if enabled might result to different passwords across different services? Complexity, that would be my answer. Different complex passwords across different services.
upvoted 1 times

GarbanzoBeans 1 year, 9 months ago

It should be called "password individualization" or something, reuse is the MISTAKE
upvoted 2 times

Amycert 2 years, 2 months ago

Selected Answer: A

password reuse is actually what she should NOT do.
password history maybe?
upvoted 4 times

charles21_21 2 years, 5 months ago

password complexity
upvoted 1 times

Which of the following encryption types would BEST be used to protect data on a shared computer?

- A. File
- B. VPN
- C. Email
- D. Mobile

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A project manager needs to compile a lot of start and end dates for events in a project. Which of the following software types is the project manager MOST likely to use?

- A. Spreadsheet software
- B. Word processing software
- C. Presentation software
- D. Visual diagramming software

Correct Answer: A



Community vote distribution

A (100%)


  **[Removed]**  2 years, 11 months ago

Selected Answer: A

I don't see the logic behind the provided answer. A spreadsheet software would be best suited for the described task.
upvoted 5 times

  **15ef0b6**  9 months, 2 weeks ago

I chose A
upvoted 1 times



  **xls1000** 1 year, 1 month ago

Selected Answer: A

A. Spreadsheet software

Spreadsheet software such as Microsoft Excel or Google Sheets is commonly used for organizing and managing data, including dates, timelines, and other project-related information. Spreadsheets provide features like rows, columns, formulas, and formatting options that make it easy to create and maintain schedules, track dates, calculate durations, and perform various analyses related to project timelines and milestones. Therefore, spreadsheet software is the most appropriate choice for managing start and end dates of events in a project.

upvoted 1 times

  **Dion79** 3 years, 5 months ago

Diagrams are an important means of communicating or recording ideas or configurations clearly. Visual diagramming software assists the creation of these by providing templates and shapes for different kinds of diagram. The user does not have to worry about creating icons or shapes; they can just drag shapes from the template (or stencil) into the diagram and use the software tools to connect them appropriately.

A spreadsheet consists of a table containing rows, columns, and cells. When values are entered into the cells, formulas can be applied to them, enabling complex calculations to be carried out. Spreadsheet packages can be used for many tasks including tracking and analyzing sales data and working on company accounts.

upvoted 2 times

Which of the following will allow an organization to add additional servers without expanding the physical footprint within the corporate datacenter?

- A. Web applications
- B. Hypervisor
- C. Load balancer
- D. Dynamic routing

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is the BEST example of structured data?

- A. Employee beverage preferences organized in a single text field
- B. Manager home addresses stored in a flat file without fields
- C. Vendor order information stored in unnamed fields
- D. Customer information that can be sorted or grouped by any field

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following numbering systems is used to represent MAC addresses?

- A. Binary
- B. Decimal
- C. Octal
- D. Hexadecimal

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A database administrator has placed data from another source into a database. Which of the following did the database administrator perform?

- A. Import
- B. Export
- C. Create
- D. Query

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A technician is installing a wireless router for a home user. Which of the following will protect the data in transit between a device and the router?

- A. Enabling encryption
- B. Setting a new SSID
- C. Changing the default password
- D. Using 802.11ac

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following programming language types is generally the FASTEST way to write a program ad hoc tasks quickly?

- A. Compiled programming language
- B. Assembly language
- C. Scripting language
- D. Pseudocode

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. Scripting language

Explanation:

Scripting languages (e.g., Python, Bash, JavaScript) are interpreted rather than compiled, making them faster for writing ad hoc programs and automating tasks. They require minimal setup, do not need compilation, and can be executed directly, making them the fastest way to write a program for quick tasks.

Why not the other options?

- A. Compiled programming language – Requires compilation before execution, making development slower for quick tasks.
- B. Assembly language – Low-level and complex, requiring detailed hardware instructions, making it very slow for writing programs quickly.
- D. Pseudocode – Not an actual programming language; it is used for planning and designing algorithms, not execution.

For quick ad hoc tasks, scripting languages provide the best balance of ease, speed, and flexibility.

upvoted 1 times

A user has been instructed to use unique passwords for accessing each system. Which of the following BEST describes the potential risk of using the same password?

- A. The password might be easier for an attacker to guess.
- B. Password compromise would allow access to all of the systems.
- C. Single sign-on would be unable to function correctly.
- D. Systems might reject the password based on different requirements.

Correct Answer: B

Community vote distribution

B (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: B

B. Password compromise would allow access to all of the systems.

Explanation:

If a user reuses the same password across multiple systems, a compromise of that password on one system would give an attacker access to all systems where the same password is used. This is known as credential stuffing, where attackers use leaked passwords to gain unauthorized access to other accounts.

Why not the other options?

A. The password might be easier for an attacker to guess.

Using the same password does not make it easier to guess; however, it increases the risk if leaked.

C. Single sign-on would be unable to function correctly.

Single sign-on (SSO) is designed to use one set of credentials securely across multiple systems, but this is different from manually reusing the same password across independent systems.

D. Systems might reject the password based on different requirements.

While some systems have different complexity rules, this is not the biggest security risk compared to full account compromise.

upvoted 1 times

 **Torrente** 1 month, 1 week ago

Selected Answer: B

The primary risk of using the same password across multiple systems is that if the password for one system is compromised, an attacker can use it to gain access to all of the systems where the same password is used.

upvoted 1 times

Which of the following should be used to store a list of strings?

- A. Array
- B. Constant
- C. Variable
- D. Branch

Correct Answer: A

Community vote distribution

A (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: A

A. Array

Explanation:

An array is a data structure that can store multiple values of the same data type, such as a list of strings. It allows for efficient storage and retrieval of elements using an index.

Why not the other options?

B. Constant → A constant holds a single value that does not change, not a list.

C. Variable → A variable holds a single value, while an array holds multiple values.

D. Branch → Branching refers to control flow in programming (e.g., if-else), not data storage.

upvoted 1 times

Which of the following services is used to translate a URL to an IP address?

- A. ARP
- B. IMAP
- C. DNS
- D. MAC

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is the BEST method for ensuring there is no Telnet access?

- A. Network sniffer
- B. Intrusion detection system
- C. Antivirus software
- D. Host-based firewall

Correct Answer: D

Community vote distribution

D (100%)



 **Torrente** 1 month, 1 week ago

Selected Answer: D

The answer is host-based firewall. Because by configuring the firewall on the host you can block incoming Telnet connections to the machine. This prevents Telnet from being used to access the system remotely, thereby securing it from unauthorized access via Telnet.

upvoted 1 times

Which of the following types of software is MOST effective for tracking and communicating time spent on tasks for each team member?

- A. Spreadsheet
- B. Collaborative workspace
- C. Project management
- D. Personal information management

Correct Answer: C

🗨️ 👤 **ROCompTIA** 7 months, 3 weeks ago

i think its c

upvoted 1 times

🗨️ 👤 **Dion79** 2 years, 4 months ago

I'd go with C.. Sorry...

upvoted 1 times

🗨️ 👤 **Dion79** 2 years, 5 months ago

I'd go with A, They don't need to setup networking diagrams thats for an Network Engineer or Security Analysis. They need MS Project Manager or Excel or some type of spreadsheet software.

If you had to track and analyze sales data and work on your company accounts, which type of software would you use? Spreadsheet software

Reference: CompTIA CertMaster ITF+

upvoted 2 times

A user needs to connect a laptop to an Ethernet port in the room. Which of the following types of connections does the user need?

- A. RG6
- B. DB9
- C. RJ11
- D. RJ45

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following computing devices is MOST likely to have an internal wireless antenna?

- A. Mobile phone
- B. Workstation
- C. Server
- D. NAS

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Multiple users are reporting issues with their workstations. A technician is reviewing patch installation history. Which of the following steps in the troubleshooting methodology is the technician executing?

- A. Implement the solution.
- B. Identify the problem.
- C. Verify system functionality.
- D. Establish a theory of the cause.

Correct Answer: B

Community vote distribution

D (50%)

B (50%)

🗨️ **lexxone** 3 weeks, 4 days ago

Selected Answer: D

D. Establish a theory of the cause.

Reviewing the patch installation history helps the technician determine if recent updates may be causing the reported issues, which aligns with establishing a theory of the cause in the troubleshooting methodology.

upvoted 1 times

🗨️ **xls1000** 7 months, 1 week ago

Selected Answer: B

B. Identify the problem.

Identifying the problem involves gathering information and analyzing data to understand the nature and scope of the issue. Reviewing patch installation history helps the technician understand if recent updates or patches might have caused or contributed to the reported issues with the workstations. This step is crucial in determining the root cause of the problem before proceeding with further troubleshooting or implementing solutions.

upvoted 2 times

🗨️ **CircaG** 9 months, 1 week ago

I think the answer is correct, B. Identify the Problem.

The only other close one would be D, however, the technician is solely reviewing the patch note history in order to understand the problem. If he/she were to test something with the patch notes, that would be establishing a theory.

upvoted 2 times

🗨️ **nssadmin** 1 year ago

Selected Answer: D

I believe the answer is D. Establish a theory of the cause.

The problem is already identified as multiple users have reported it and the technician is already aware of the problem.

Reviewing the patch installation history is a step toward understanding the potential cause of the reported issues. It helps the technician identify whether recent software updates or patches may have contributed to the problems users are experiencing. This step involves gathering information and forming a hypothesis or theory about what might be causing the issues. Once the theory is established, further steps can be taken to confirm or refute it, leading to a resolution (implementing the solution). Therefore, "Establish a theory of the cause" is the correct step in this context.

upvoted 1 times

🗨️ **nssadmin** 1 year ago

I believe the answer is D. Establish a theory of the cause.

The problem is already identified as multiple users have reported it and the technician is already aware of the problem.

Reviewing the patch installation history is a step toward understanding the potential cause of the reported issues. It helps the technician identify whether recent software updates or patches may have contributed to the problems users are experiencing. This step involves gathering information and forming a hypothesis or theory about what might be causing the issues. Once the theory is established, further steps can be taken to confirm or refute it, leading to a resolution (implementing the solution). Therefore, "Establish a theory of the cause" is the correct step in this context.

upvoted 1 times

A security engineer is attempting to justify a large investment in security IT infrastructure. The business has a limited budget and is reluctant to invest. Which of the following should the business consider in the analysis?

- A. Loss of revenue in case of a breach
- B. Difficulty of integration
- C. Training involved for IT staff and users
- D. Amount of equipment that will be replaced

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A security administrator needs to set up multifactor authentication for a cloud application. Which of the following should the administrator use to establish an authentication process? (Choose two.)

- A. Logs
- B. Password
- C. Receipt
- D. Encryption
- E. Database
- F. Software token

Correct Answer: BF

Community vote distribution

BF (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: BF

- B. Password (something you know)
- F. Software token (something you have)

Multifactor authentication (MFA) requires at least two different authentication factors, such as:

Something you know (e.g., password, PIN)

Something you have (e.g., software token, hardware token)

Something you are (e.g., fingerprint, facial recognition)

A password combined with a software token (such as an authentication app like Google Authenticator or Microsoft Authenticator) meets the MFA requirement

upvoted 1 times

A program will request user input and perform an operation several times if the input is correct. Which of the following techniques BEST describes the fact that the operation is only performed if the input is correct?

- A. Looping
- B. Branching
- C. Reuse
- D. Modeling

Correct Answer: A

Community vote distribution

B (100%)

🗨️ 👤 **lexxone** 3 weeks, 4 days ago

Selected Answer: B

B. Branching

Branching refers to decision-making in programming, where the flow of execution depends on conditions being met. If the user input is correct, the program executes the operation; otherwise, it may take a different path (e.g., ask for input again or exit).

Looping (A) would describe repeating an operation multiple times, but it does not inherently ensure that the operation only runs when the input is correct. Instead, branching ensures that conditions are checked before execution.

upvoted 1 times

🗨️ 👤 **[Removed]** 6 months, 2 weeks ago

Selected Answer: B

"BEST describes the fact that the operation is only performed IF the input is correct"

The wording of this question indicates a conditional, such that a series of instructions will be executed once the condition is met. Jumping from one part of the code to another is branching

upvoted 1 times

A company is developing an application that will be used to simplify typing on a virtual keyboard. This will MOST likely be installed on:

- A. a mobile OS.
- B. a workstation OS.
- C. a server OS.
- D. an embedded OS.

Correct Answer: A

Community vote distribution

A (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: A

A. a mobile OS.

Since the application is designed to simplify typing on a virtual keyboard, it is most likely intended for mobile devices, such as smartphones and tablets, which use virtual keyboards extensively. Mobile operating systems like Android and iOS provide support for virtual keyboard enhancements and predictive typing features.

B. Workstation OS – Typically used for desktops and laptops, which usually have physical keyboards.

C. Server OS – Designed for managing network resources and not for user input applications.

D. Embedded OS – Found in specialized hardware like IoT devices, not general-use typing applications.

upvoted 1 times

Which of the following examples are MOST typical of fault tolerance practices used in business continuity planning? (Choose two.)

- A. RAID storage
- B. Uninterruptible power supplies
- C. Off-site backups
- D. Private cloud servers
- E. Virtual-hosted desktops
- F. Warm sites

Correct Answer: BC

Community vote distribution

AB (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: AB

- A. RAID storage – RAID (Redundant Array of Independent Disks) provides redundancy and protects data from drive failures, ensuring fault tolerance in business operations.
- B. Uninterruptible power supplies (UPS) – A UPS helps maintain power during outages, preventing data loss and hardware damage, making it a critical component of fault tolerance.


Explanation of Incorrect Options:

- C. Off-site backups – Important for disaster recovery, but it doesn't provide real-time fault tolerance.
 - D. Private cloud servers – Can improve accessibility and scalability, but they do not directly provide fault tolerance.
 - E. Virtual-hosted desktops – Useful for remote work and security but not a core fault tolerance practice.
 - F. Warm sites – These are part of disaster recovery planning, not fault tolerance, as they require setup time before they become operational.
- upvoted 1 times

 **Torrente** 1 month, 1 week ago

Selected Answer: AB

RAID storage and UPS
upvoted 1 times

 **niloofar** 5 months, 1 week ago

RAID storage and UPS are the most typical fault tolerance practice
upvoted 2 times

 **[Removed]** 1 year, 11 months ago

Selected Answer: AB

How is RAID storage not an answer with UPS? I feel a RAID contributes much more to business continuity and fault tolerance than an off-site backup (which would be more related to disaster recovery)
upvoted 1 times

 **[Removed]** 1 year, 11 months ago

I now understand that business continuity is a consideration after a disaster or a disruption occurs. In that case the provided "BC" answer is correct and my comment above is incorrect.
upvoted 1 times

 **Jason0** 1 year, 1 month ago

I htnc you first answer is correct. AB. Fault tolerances are also like if a hard drive goes bad. Raid would give you a ready to use already in place back up, where an offiste backup might not be readily available
upvoted 2 times

A programmer is creating a program that makes a decision based on user input and has decided to use a branching statement. Which of the following commands would be BEST for the programmer to use?

- A. IF THEN
- B. WHILE
- C. FOR
- D. BEGIN

Correct Answer: A

  **lexxone** 3 weeks, 3 days ago

Selected Answer: A

An IF THEN statement is used for decision-making in programming. It allows the program to execute certain blocks of code based on whether a specified condition is true or false, making it ideal for branching based on user input.

Here's why the other options are not suitable:

- B. WHILE: A WHILE loop is used for repeating a block of code while a condition is true, not for decision-making.
 - C. FOR: A FOR loop is used for iterating a block of code a specific number of times, not for conditional branching.
 - D. BEGIN: The BEGIN command is used to start a block of code, but it does not make decisions based on conditions.
- upvoted 1 times

Which of the following has the longest range?

- A. NFC
- B. Bluetooth
- C. WiFi
- D. Infrared

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which of the following programming constructs would be used to repeat a statement 100 times in a loop?

- A. IF
- B. ELSE
- C. RETURN
- D. WHILE

Correct Answer: D

Community vote distribution

D (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: D

D. WHILE

Explanation:

A WHILE loop is used to execute a block of code repeatedly as long as a specified condition is true. If you need to repeat a statement 100 times, a loop like WHILE, FOR, or DO-WHILE is the appropriate choice.

Why the other options are incorrect:

A. IF – Used for conditional statements but does not create a loop.

B. ELSE – Works with IF to handle alternative execution paths but does not repeat code.

C. RETURN – Used to exit a function and does not facilitate looping.

upvoted 1 times

 **Torrente** 1 month, 1 week ago

Selected Answer: D

WHILE loop is used when you need to repeat a block of code based on a condition.

upvoted 1 times

A technician is installing a plug-and-play USB mouse. Which of the following must the technician do to complete the installation?

- A. Manually install the driver software.
- B. Connect the mouse.
- C. Configure the USB port.
- D. Download the driver software.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is the WEAKEST link in the security posture of an organization?

- A. Technology
- B. Infrastructure
- C. People
- D. Regulations

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. People

Explanation:

People are often considered the weakest link in an organization's security posture because human errors, lack of awareness, and susceptibility to social engineering attacks (such as phishing) can lead to security breaches. Even with strong technology, infrastructure, and regulations in place, a single mistake by an employee—such as using weak passwords, clicking malicious links, or falling for scams—can compromise an entire system.

Why the other options are less weak:

A. Technology – While vulnerabilities exist, security updates and best practices can mitigate risks.

B. Infrastructure – Secure infrastructure design can reduce attack vectors.

D. Regulations – Compliance with security policies strengthens an organization, but enforcement depends on people.

Thus, human factors pose the greatest risk, making security awareness training critical for improving overall cybersecurity resilience.

upvoted 1 times

A developer is in the process of creating a program and has started to draft the logic of the code. This process is an example of:

- A. drawing a value stream map.
- B. developing pseudocode.
- C. identifying functions.
- D. compiling the language.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A security administrator is adding accounting features to a web application. Which of the following would be the BEST action?

- A. Enhance the granularity of user permissions.
- B. Enable an audit log.
- C. Implement smart card login.
- D. Adopt a procedure for adding accounts.

Correct Answer: B

Community vote distribution

B (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: B

B. Enable an audit log.


Explanation:

In security, accounting (part of the AAA framework: Authentication, Authorization, and Accounting) refers to tracking and logging user activities to ensure accountability and detect suspicious actions. Enabling an audit log allows security administrators to monitor and record user interactions, login attempts, transactions, and changes within the web application.

Why the other options are less relevant:

- A. Enhance the granularity of user permissions – This improves security but is more related to authorization, not accounting.
- C. Implement smart card login – This strengthens authentication, not accounting.
- D. Adopt a procedure for adding accounts – This improves user management but does not directly track activities.

upvoted 1 times

 **Torrente** 1 month, 1 week ago

Selected Answer: B

Enabling an audit log allows the system to record all relevant events related to "user actions"... such as login attempts, data access, changes made, and more. These logs are crucial for tracking behavior and identifying suspicious activities.

upvoted 1 times

A systems administrator wants to run a script but does not have access to the graphical user interface. Which of the following can be used to run scripts?

- A. Text editor
- B. Word processor
- C. Command line
- D. Spreadsheet

Correct Answer: C

Community vote distribution

C (100%)

🗨️ 👤 **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. Command line

Explanation:

A command line interface (CLI) allows a systems administrator to execute scripts without requiring a graphical user interface (GUI). Scripts, such as shell scripts (.sh for Linux/macOS), batch files (.bat for Windows), or PowerShell scripts (.ps1), can be run directly from the command line.

Why the other options are incorrect:

A. Text editor – Can be used to write scripts but not to execute them.

B. Word processor – Not designed for coding or script execution.

D. Spreadsheet – Used for data manipulation, not running scripts.

Thus, the command line is the best option for executing scripts in a non-GUI environmen

upvoted 1 times

Which of the following will a company do to update a customer's address while using a flat file database?

- A. Update the address for each order the customer placed.
- B. Update the address in the customer address table.
- C. Update the address field in the customer order table.
- D. Update the primary key to reflect the customer's address.

Correct Answer: B

Community vote distribution

B (67%)

A (33%)


 **lexxone** 3 weeks, 3 days ago

Selected Answer: A

A. Update the address for each order the customer placed.

In a flat file database, the data is typically stored in a single table or file without relational links. If a customer's address changes, the company would need to update the address for each record (such as past orders) that contains that customer's address. This is because the address is likely stored redundantly in the order records.

upvoted 1 times

 **ROCompTIA** 8 months, 2 weeks ago

Selected Answer: A

aaaaaaaaaaaaaaaaaaaaaaaaaaaa

upvoted 2 times

 **Bryanf92** 1 year, 3 months ago

Yeah, i chose B as well.

upvoted 1 times

 **Agognut** 1 year, 3 months ago

Selected Answer: B

B. Update the address in the customer address table.

In a flat file database, information is typically organized into tables, and each table contains rows and columns. The customer's address is part of the customer data, and updating it would involve modifying the relevant record in the customer address table. Option B reflects the standard practice of updating the address information at its source in the customer address table.

upvoted 1 times

 **UnitedAlmond** 1 year, 5 months ago

Selected Answer: B

You would update a customer's address in the Address field.

upvoted 1 times

 **Gordon_S1** 1 year, 5 months ago

Selected Answer: B

If they are going to update the customer's ADDRESS, wouldn't it be in the ADDRESS field on the table? Not the Customer's ORDER field on the table? Or am I just overthinking this one?

upvoted 2 times

A developer embeds a query in a high-level program to extract information from a database. This is an example of:

- A. database direct access.
- B. database utility access.
- C. database programmatic access.
- D. database manual access.

Correct Answer: B

Community vote distribution

B (50%)

C (50%)

 **lexxone** 3 weeks, 3 days ago

Selected Answer: C

C. database programmatic access.

When a developer embeds a query directly within a high-level program to extract information from a database, it is an example of programmatic access. This means the database is being accessed via code, typically using a query language like SQL, and the interaction is handled within the program's logic.

upvoted 1 times

 **SuntzuLegacy** 3 months ago

Selected Answer: C

C. database programmatic access.

Embedding a query in a high-level program to retrieve information from a database is an example of programmatic access.

upvoted 2 times

 **CircaG** 9 months, 1 week ago

C. database programmatic access.

When a developer embeds a query in a high-level program to extract information from a database, it is an example of database programmatic access. Programmatic access involves using programming languages or APIs (Application Programming Interfaces) to interact with and retrieve data from a database.

^ The above comes from Chat GPT


upvoted 1 times

 **UnitedAlmond** 11 months ago

Selected Answer: C

Embedding a query in a high-level program to extract information from a database is an example of database programmatic access.

upvoted 1 times

 **Amycert** 1 year, 9 months ago

Selected Answer: B

it is certainly not A, as it is using a high level program instead of accessing directly. It is either utility access or programming access.

upvoted 3 times

Which of the following is the LOWEST unit for measuring bandwidth?

- A. Mbps
- B. Kbps
- C. MBps
- D. KBps

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A user connects a company computer to free WiFi at a local coffee shop. Which of the following BEST describes this situation?

- A. Information on this network is encrypted.
- B. The information on the network can be seen by others.
- C. It is safe to access company information using the network.
- D. Private browsing mode protects the information on the network.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A user wants to add an IoT device to a network. The device connects with a cable to the router. Which of the following is a requirement for this device to work?


- A. Driver
- B. USB cable
- C. IP address
- D. Workstation

Correct Answer: C

Community vote distribution

C (100%)



 **Torrente** 1 month, 1 week ago

Selected Answer: C

The answer is IP address because for an IoT device to work on a network... it needs a unique identifier within the network (IP address).
upvoted 1 times

Which of the following is used for assigning IP addresses to networking devices?

- A. SMTP
- B. DHCP
- C. DNS
- D. ARP

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A help desk has initiated a new policy requiring that technicians manually categorize the reason for a customer call. After several months, they are unable to perform any analysis on the information. Which of the following concepts is MOST closely tied to the root cause of this issue?

- A. Data correlation
- B. Data security
- C. Data capture
- D. Data as an asset

Correct Answer: C

Community vote distribution

C (100%)

🗨️ **fcc_class** 1 month ago

Selected Answer: C

C. Data capture.

Explanation:

The issue here is that after several months, the help desk cannot analyze the collected information. This suggests that the way data was captured was inconsistent, unstructured, or lacked proper standardization. Data capture refers to the process of collecting and recording data in a way that ensures it can be effectively analyzed later.

A. Data correlation relates to finding relationships between different data sets, but in this case, the problem is with collecting usable data in the first place.

B. Data security focuses on protecting data from unauthorized access or breaches, which is not the primary issue here.

D. Data as an asset highlights the importance of valuing data for decision-making, but the core problem is improper data capture, making the data unusable.

upvoted 1 times

🗨️ **Torrente** 1 month, 1 week ago

Selected Answer: C

The answer is data capture. The issue arises because the technicians are manually categorizing the reasons for customer calls but the data is not being captured in a structured or analyzable way.

upvoted 1 times

🗨️ **jade290** 6 months, 1 week ago

Selected Answer: C

It seems to be an issue with data capture. I'm guessing the technicians are calling the same items different names. For example: Password reset could be stored as "Resetting Customer's Password," "Password Lockout," "Unable to Login," etc. which would make the data unusable until someone comes up with common categories.

upvoted 1 times

🗨️ **_denw** 7 months, 2 weeks ago

A. Data correlation

The issue is with data correlation, meaning the collected information isn't organized in a way that allows for easy analysis. If the reasons for customer calls are not categorized consistently, it's hard to see patterns or trends in the data.

upvoted 2 times

🗨️ **CircaG** 9 months, 1 week ago

I think this is C. Data Capture. The question says they can't perform any analysis. This doesn't have anything to do with correlation. If they couldn't get results, it would be correlation. However, being unable to perform an analysis at all means they didn't capture the data.

upvoted 2 times

During a power outage, a server with redundant power supplies shuts down despite being connected to a UPS. The technician determines that the UPS has failed and replaces it. The technician then separates the power supplies to connect them to two separate UPSs. Which of the following troubleshooting steps did the technician just accomplish?

- A. Implement preventive measures.
- B. Establish a plan of action.
- C. Document findings/lessons learned.
- D. Test the theory to determine the cause.

Correct Answer: A

Community vote distribution

A (90%)

10%

🗨️ **fcc_class** 1 month ago

Selected Answer: A

A. Implement preventive measures.

Explanation:

The technician identified that the issue was caused by a single point of failure in the UPS. By connecting the server's redundant power supplies to two separate UPS units, they are implementing a preventive measure to avoid future outages if one UPS fails again.

B. Establish a plan of action refers to determining the next steps before performing the fix, but in this case, the technician has already implemented a solution.

C. Document findings/lessons learned happens after resolving the issue and ensuring future reference, but it is not what was just accomplished.

D. Test the theory to determine the cause occurs earlier in troubleshooting when verifying the root cause (in this case, the failed UPS).

upvoted 1 times

🗨️ **Torrente** 1 month, 1 week ago

Selected Answer: B

I think its B because the technician has identified that the UPS failed and has replaced it. The technician also took additional steps by separating the power supplies and connecting them to two separate UPS units.

upvoted 1 times

🗨️ **xls1000** 7 months, 1 week ago

Selected Answer: A

A. Implement preventive measures.

By separating the power supplies and connecting them to two separate UPSs, the technician is implementing preventive measures to ensure redundancy and reliability in case of future power outages or UPS failures. This setup improves the fault tolerance of the server's power supply system, reducing the risk of unexpected shutdowns due to power-related issues. Therefore, option A is the correct choice.

upvoted 2 times

🗨️ **EnchantedShores** 1 year, 11 months ago

Selected Answer: A

The technician actually took action rather than making the plans to do so.

A is correct due to the implementation

If he didn't already do that it would have been the plan

upvoted 4 times

🗨️ **szl0144** 2 years, 2 months ago

A is correct

upvoted 2 times

🗨️ **[Removed]** 2 years, 5 months ago

Selected Answer: A

I believe the technician has implemented a preventive measure to avoid the same situation in the future. A plan of action was established way before and consisted in replacing the defective UPS (and possibly already included the change to a double UPS setup).

upvoted 2 times

An end user reports seeing the old company intranet site and not the recently released updated version. Which of the following would MOST likely solve the problem?

- A. Clear browser cache.
- B. Change `http` to `https` in the URL.
- C. Disable all add-ons.
- D. Enable pop-up blockers.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following BEST describes a LAN-hosted application? (Choose two.)

- A. Internet access required
- B. Services required
- C. Network required
- D. Files saved to the cloud
- E. Internet access not required
- F. Cloud availability

Correct Answer: CE

Community vote distribution

CE (100%)

 **Torrente** 1 month, 1 week ago

Selected Answer: CE

A LAN-hosted application requires a network to function but does not require internet access, as it operates within the local network
upvoted 1 times

A technician is given a document with step-by-step instructions to perform a task. Which of the following BEST describes that document?

- A. Policies
- B. Standards
- C. Procedures
- D. Guidelines

Correct Answer: C

Community vote distribution

C (100%)

  **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. Procedures

Explanation:

A procedure is a detailed, step-by-step document that provides specific instructions on how to complete a task. It ensures consistency, accuracy, and efficiency when performing an activity, especially in IT and business operations.

upvoted 1 times

  **Dion79** 5 months ago

Standard—a standard is a measure by which to evaluate compliance with the policy.

Procedure—a procedure, often referred to as a SOP (Standard Operating Procedure), is an inflexible, step-by-step listing of the actions that must be completed for any given task. Most critical tasks should be governed by SOPs.

Guidance—guidelines exist for areas of policy where there are no procedures, either because the situation has not been fully assessed or because the decision-making process is too complex and subject to variables to be able to capture it in a procedure. Guidance may also describe circumstances where it is appropriate to deviate from a specified procedure.

upvoted 1 times

A technician installs a webcam to a computer and wants to install an updated driver. In which of the following would the technician find the MOST current driver?

- A. Installation disc that came with the device
- B. OEM website for the camera
- C. Internet help-desk forums
- D. Computer manufacturer's website

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a benefit of a locally hosted network solution?

- A. No Internet access is required.
- B. There are fewer IT support requirements.
- C. System backups are not required.
- D. System fault tolerance is increased.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following is an example of a compiled computer language?

- A. Perl
- B. HTML
- C. Java
- D. Python

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. Java

Explanation:

Java is a compiled programming language. Java code is first compiled into bytecode using the Java Compiler (javac). Then, the Java Virtual Machine (JVM) interprets and executes the bytecode on any platform that has a JVM, making it a platform-independent language (following the "write once, run anywhere" principle).

Why the other options are incorrect:

- A. Perl – Perl is an interpreted scripting language, meaning it runs without compilation. The interpreter reads and executes the script directly.
- B. HTML – HTML (HyperText Markup Language) is not a programming language; it is a markup language used for structuring web pages. It does not get compiled.
- D. Python – Python is an interpreted language, meaning the Python interpreter executes code directly without needing a separate compilation step.

upvoted 1 times

 **Dion79** 4 months, 3 weeks ago

The following languages are compiled:

C++

C#

COBOL

PASCAL

Java - (Also, Interpreted does both)

upvoted 1 times

When following the troubleshooting methodology, which of the following should be performed when establishing a theory of probable cause?

- A. Question the obvious.
- B. Identify the symptoms.
- C. Duplicate the problem.
- D. Determine if anything has changed.

Correct Answer: D

Community vote distribution

A (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: A

A. Question the obvious.

Explanation:

When establishing a theory of probable cause in the troubleshooting methodology, the technician should question the obvious first. This means considering simple, common issues before moving to more complex possibilities. It helps eliminate easy-to-fix problems and narrow down the root cause efficiently.

Why the other options are incorrect:

- B. Identify the symptoms – This step occurs earlier in the troubleshooting process when gathering information about the problem.
- C. Duplicate the problem – This is part of the identify the problem step, where the issue is reproduced to understand its nature.
- D. Determine if anything has changed – This is done before establishing a theory, as part of identifying potential causes related to recent modifications.

upvoted 1 times

 **_denw** 7 months, 2 weeks ago

A. Question the obvious.

When establishing a theory of probable cause in the troubleshooting methodology, "Question the obvious" is an important step. This involves considering the simplest explanations for the problem before moving on to more complex diagnoses. It's about checking the most common issues that could cause the symptoms observed, ensuring that simple solutions are not overlooked in the process.

upvoted 2 times

 **Amycert** 1 year, 8 months ago

Selected Answer: A

wrong.

answer:

"Establish a theory of probable cause

- Question the obvious
- Consider multiple approaches:
Divide and conquer"

upvoted 2 times

Which of the following would be considered confidential information?

- A. The design for a company's yet-to-be-released product
- B. A list of services offered by a private investigator
- C. A large corporation's financial results for the year
- D. An individual's record of traffic citations

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following information types is MOST likely a violation of an email security policy?

- A. Login credentials
- B. Project schedules
- C. Customer product information
- D. Technical installation documents

Correct Answer: A

Community vote distribution

A (100%)



 **Torrente** 1 month, 1 week ago

Selected Answer: A

Sharing login credentials via email is a major security violation because it exposes sensitive authentication information, making it vulnerable to interception, phishing attacks, and unauthorized access.

upvoted 1 times

Which of the following programming languages is considered a low-level language with commands specific to the processor type used?

- A. Assembly
- B. C++
- C. SQL
- D. HTML

Correct Answer: A

Community vote distribution

A (100%)

  **lexxone** 3 weeks, 4 days ago

Selected Answer: A

A. Assembly

Explanation:

Low-level languages are closer to machine code and directly correspond to a computer's processor architecture. Assembly language uses mnemonic instructions that are specific to the CPU architecture, making it a low-level language.

Why the other options are incorrect:

B. C++ – While C++ is more hardware-efficient than higher-level languages, it is still a high-level language that is not processor-specific.

C. SQL – SQL (Structured Query Language) is used for database management and is completely platform-independent.

D. HTML – HTML (HyperText Markup Language) is a markup language, not a programming language, and is used for web development.
upvoted 1 times

  **_denw** 7 months, 2 weeks ago

A. Assembly

Assembly language is a low-level programming language that provides commands specific to the processor type used. It allows programmers to write instructions that are directly executed by the CPU (Central Processing Unit) of a computer.

upvoted 2 times

Joe, a tech-savvy teenager, has received one of the best new home Wi-Fi routers on the market. Joe's parents have entrusted Joe to set up the router. To leverage the best throughput options available for Joe's devices, the router is located in Joe's bedroom. Joe's parents' devices are set to slower standards. Which of the following is being used for Joe's devices?

- A. 802.11n 2.4GHz
- B. 802.11ac 2.4GHz
- C. 802.11n 5GHz
- D. 802.11ac 5GHz

Correct Answer: D

Community vote distribution

D (100%)

 **fcc_class** 1 month ago

Selected Answer: D

D. 802.11ac 5GHz

Explanation:

Joe is leveraging the best throughput options available, which means he is likely using the fastest and most modern Wi-Fi standard supported by his router.

802.11ac operates primarily on the 5GHz band and provides significantly higher speeds compared to older standards.

5GHz offers faster speeds and less interference but has a shorter range compared to 2.4GHz.

Since Joe's parents' devices are set to slower standards, they might be using 2.4GHz, which has better range but lower speeds.

Why not the other options?

A. 802.11n 2.4GHz – This is slower and does not take full advantage of modern high-speed Wi-Fi.

B. 802.11ac 2.4GHz – 802.11ac only operates on 5GHz, so this is not a valid option.

C. 802.11n 5GHz – While 802.11n does support 5GHz, it is not as fast as 802.11ac.

Since Joe wants the best throughput, 802.11ac 5GHz is the correct choice.

upvoted 1 times

Which of the following data is MOST likely to be stored as a string?

- A. 3.1415927
- B. x
- C. Cat
- D. 42

Correct Answer: C

Community vote distribution

C (100%)

 **fcc_class** 1 month ago

Selected Answer: C

C. Cat

Explanation:

A string is a sequence of characters, typically enclosed in quotes in programming languages. Among the given options, "Cat" is the most likely to be stored as a string because it consists of alphabetic characters and represents a word rather than a numerical value.

Why not the others?


A. 3.1415927 – This is a floating-point number (decimal), typically stored as a numeric data type.

B. x – This could be stored as a character (char) rather than a full string. While some languages might treat a single character as a string, it is more commonly stored separately.

D. 42 – This is an integer and would typically be stored as an int data type rather than a string unless explicitly converted.

Since "Cat" is a word and not a numerical value, it is the best choice for data most likely stored as a string.

upvoted 1 times

 **teejay82** 6 months, 2 weeks ago

whats the difference between x and Cat? they are both textual characters

upvoted 2 times

Which of the following is MOST likely used to measure SSD capacity?

- A. GHz
- B. Gb
- C. GB
- D. Gbps

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which of the following information types would cause the GREATEST loss of value to an organization if encrypted by a ransomware attack?


- A. Employee emergency contacts
- B. Research projects database
- C. User login history
- D. Advertising material archive

Correct Answer: B

Community vote distribution

B (100%)



 **Torrente** 1 month, 1 week ago

Selected Answer: B

The answer is B (research projects database) because research data often includes valuable intellectual property, proprietary findings, or data that is critical for the organization's competitive advantage, innovation, and future business success.

upvoted 2 times

Which of the following database design requirements is MOST likely a reason to implement a flat file?

- A. Data type flexibility
- B. Scalability
- C. Simplicity
- D. Search speed

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. Simplicity

Explanation:

A flat file database is a simple type of database that stores data in a single table format without relationships between tables. It is best used for small-scale applications where simplicity is a priority.

Why the other options are incorrect:

- A. Data type flexibility – Flat files generally lack advanced data type support compared to relational databases.
- B. Scalability – Flat files do not scale well because they become slow and inefficient as the amount of data increases.
- D. Search speed – Searching in a flat file database is slower compared to relational or indexed databases, especially when dealing with large datasets.

upvoted 1 times

 **_denw** 7 months, 2 weeks ago

C. Simplicity

A flat file is chosen for its simplicity, as it's easy to use and manage for basic data storage needs.

upvoted 1 times

A user received an account compromise notice from an online retailer. Two weeks later, the user received another notice stating the new compromise used the credentials from the first compromise. Which of the following password best practices MOST likely would have prevented the second compromise?

- A. Password age
- B. Password complexity
- C. Password reuse
- D. Password length

Correct Answer: C

Community vote distribution

A (50%) C (50%)

lexzone 3 weeks, 4 days ago

Selected Answer: C

C. Password reuse

Explanation:

The second compromise occurred because the user likely reused the same password from the first compromised account on another site. When attackers obtain credentials from one breach, they often try the same login information on other sites (credential stuffing attacks).

Why the other options are incorrect:

- A. Password age – While changing passwords regularly can help, it wouldn't have prevented the second compromise if the user reused the same password elsewhere.
- B. Password complexity – A complex password is important, but if it was already compromised and reused, complexity wouldn't have prevented the second attack.
- D. Password length – A longer password improves security, but it does not help if the same password is reused across multiple accounts.

upvoted 1 times

_denw 7 months, 2 weeks ago

Selected Answer: C

C. Password reuse

Password reuse is the practice of using the same password for multiple accounts or services. In this scenario, the second compromise occurred because the user reused the same credentials that were compromised in the first incident. If the user had used unique passwords for each account or service, the second compromise could have been prevented, even if the credentials from the first compromise were exposed.

upvoted 1 times

CircaG 9 months ago

I don't really understand a lot of these password questions because "Password Reuse" makes sense to me. Obviously, it's meaning "do not reuse your password" as a preventative measure. I don't think any other option makes sense when talking about 2 different accounts being hacked because you are using the same password for both. Password age is when the duration of the password is considered valid before it needs to be changed. This wouldn't prevent a second compromise.

Even Chat GPT shows it is C. Password Reuse.

Would love some more discussion on this.

upvoted 1 times

jim24 1 year ago

Selected Answer: A

This is obviously incorrect

upvoted 2 times

jim24 1 year ago

whoever is in charge of establishing the write answer for some of these questions is either mentally challenged or is working too fast without reading the question all the way. this is the third time a password reuse has been labeled as the best preventative option and this one is the worst one yet. it is very obviously not reuse and needs to be Age. The user has reused this password for too long. If the age of the password didn't extend from compromise 1 to compromise 2 then it wouldn't have happened a second time.

upvoted 4 times

A programmer is constructing an algorithm that predicts personality traits based on users' selection of their favorite ice cream flavors. Which of the following programming concepts should be used to represent the flavor of ice cream?

- A. Vectors
- B. Arrays
- C. Variables
- D. Constants

Correct Answer: C

Community vote distribution

C (75%)

B (25%)

🗨️ **fcc_class** 1 month ago

Selected Answer: C

C. Variables

Explanation:

A variable is a fundamental programming concept used to store and represent changing values in an algorithm. Since a user's favorite ice cream flavor can differ from person to person and might change over time, it should be stored in a variable for processing in the personality prediction algorithm.

Why not the other options?

A. Vectors – Typically used in advanced mathematical or machine learning computations but not necessary just for storing a single value like an ice cream flavor.

B. Arrays – Used to store multiple values, such as a list of different ice cream flavors, but the question refers to a single selection per user, making a variable more appropriate.

D. Constants – Constants store values that do not change, but a user's favorite flavor might change over time, so a variable is more suitable. Since the flavor choice can vary per user, variables are the best way to represent it.

upvoted 1 times

🗨️ **ROCompTIA** 8 months, 2 weeks ago

Selected Answer: B

Arrays (B): Arrays are used to store multiple values in a single variable. If the programmer wanted to store multiple favorite flavors for a user, an array might be appropriate, but for a single flavor, a simple variable is more suitable.

It's ice cream flavors, not flavor. Given answer is correct answer

upvoted 1 times

🗨️ **lexuslfa** 1 year ago

Selected Answer: C

It is a variable since it can change

upvoted 2 times

🗨️ **CircaG** 1 year, 3 months ago

C. Variable.

Chat GPT: In the context of predicting personality traits based on users' selection of their favorite ice cream flavors, the programming concept that should be used to represent the flavor of ice cream is a variable. Variables are used to store and represent data, and in this case, each user's favorite ice cream flavor would likely be stored in a variable.

upvoted 1 times

Which of the following data types can be used to store a whole number?

- A. Boolean
- B. Char
- C. Integer
- D. Float

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which of the following architectures is notepad.exe an example of?

- A. n-tier
- B. One-tier
- C. Two-tier
- D. Three-tier

Correct Answer: B

Community vote distribution

B (100%)

 **fcc_class** 1 month ago

Selected Answer: B

B. One-tier

Explanation:

Notepad.exe is a simple text editor that runs entirely on the local machine without requiring a separate database or server. This makes it a one-tier (single-tier) architecture, where the application, logic, and data are all handled within the same environment.

Why not the other options?

A. n-tier – This refers to architectures with multiple layers, such as web applications with separate front-end, business logic, and database layers. Notepad does not use this structure.

C. Two-tier – A two-tier architecture involves a client and a separate database server, which Notepad does not require.

D. Three-tier – A three-tier system has presentation (UI), application logic, and a database layer, typically used in web or enterprise applications—not in simple programs like Notepad.

Since Notepad.exe runs everything on a single machine, it is an example of a one-tier architecture.

upvoted 1 times

Which of the following would be used to expand the number of wired devices on a network?

- A. Switch
- B. Access point
- C. Router
- D. Modem

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Several wireless security cameras need to be installed in a small office. Which of the following should be used to configure the wireless encryption?

- A. Web-based interface
- B. Plug-and-play drivers
- C. On-board NIC
- D. IP-based HDD

Correct Answer: C

Community vote distribution

A (100%)

🗨️ **fcc_class** 1 month ago

Selected Answer: A

A. Web-based interface

Explanation:

Most wireless security cameras come with a web-based interface that allows users to configure settings, including wireless encryption (e.g., WPA2/WPA3 security settings). This interface is accessible via a web browser by entering the camera's IP address and logging into its admin panel.

Why not the other options?

B. Plug-and-play drivers – These help with initial setup and detection on a computer but do not configure wireless encryption.

C. On-board NIC – The network interface card (NIC) enables wireless connectivity but does not manage encryption settings directly.

D. IP-based HDD – This refers to network storage devices, which are unrelated to configuring wireless security for cameras.

Since wireless security settings (such as encryption protocols) are configured through a web-based interface, this is the correct answer.

upvoted 1 times

A large percentage of computers within an organization are suddenly reporting that their operating systems may be illegally obtained. Which of the following is the MOST likely cause?

- A. The key management server is offline
- B. Internet access is unavailable
- C. Hackers have stolen the organization's license
- D. The company did not pay for the license

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following are database constraints? (Choose two.)

- A. Column
- B. Row
- C. Not null
- D. Primary key
- E. Field
- F. Table

Correct Answer: CD

Community vote distribution

CD (100%)

 **fcc_class** 1 month ago

Selected Answer: CD

- C. Not null
- D. Primary key

Explanation:

Database constraints are rules enforced on data in a database to ensure accuracy, consistency, and integrity. The two correct answers are:

- C. Not null – Ensures that a column cannot have NULL values, meaning data must be entered.
- D. Primary key – A unique identifier for a record in a table, ensuring that each row is distinct.

Why not the other options?

- A. Column – A structural element in a table, not a constraint.
- B. Row – Represents a record in a table, but is not a constraint.
- E. Field – A single piece of data within a column, not a constraint.
- F. Table – A collection of rows and columns, but not a constraint.

Other Common Database Constraints:

- Unique – Ensures all values in a column are distinct.
- Foreign Key – Enforces referential integrity between tables.
- Check – Ensures values meet a specific condition.

upvoted 1 times

Which of the following is a biometric authentication method?

- A. Smart card
- B. Password
- C. Retina scan
- D. Personal identification number

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Given the following -

WMIC BIOS GET SERIALNUMBER -

Which of the following describes the above sequence?

- A. A database dump
- B. A query
- C. Insertion of data
- D. A function

Correct Answer: B

Community vote distribution

B (100%)

  **_denw** 7 months, 2 weeks ago

Selected Answer: B

B. A query

The command "WMIC BIOS GET SERIALNUMBER" is a query. It uses the Windows Management Instrumentation Command-line (WMIC) tool to retrieve the serial number of the BIOS on a Windows system. This command does not modify data or perform an operation like a function; instead, it requests information, making it a query.

upvoted 2 times

An administrator has found that a server has become corrupted. Which of the following will allow the administrator to recover the data?

- A. Server UPS rack
- B. Off-site backups
- C. OS restore disks
- D. Redundant NICs

Correct Answer: B

Community vote distribution

B (100%)

  **lexxone** 3 weeks, 4 days ago

Selected Answer: B

B. Off-site backups

Explanation:

Off-site backups provide a secure way to recover data in case of corruption, hardware failure, or disaster. These backups are stored in a separate location, ensuring data can be restored even if the primary system is compromised.

Why the other options are incorrect:

- A. Server UPS rack – A UPS (Uninterruptible Power Supply) helps prevent power-related issues but does not restore corrupted data.
 - C. OS restore disks – These disks help reinstall the operating system but do not recover lost or corrupted data.
 - D. Redundant NICs – Redundant Network Interface Cards (NICs) help maintain network connectivity but do not contribute to data recovery.
- upvoted 1 times

A company wants to provide encrypted, remote access to its email, file, and application servers to facilitate the ability to work remotely. Which of the following would BEST fulfill these requirements?

- A. Disk-level encryption
- B. Secure web gateway
- C. VPN
- D. AES

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

A technician is selecting a processor for a custom PC. Which of the following units would be used to compare the speed of the various processors?

- A. GHz
- B. MHz
- C. GBps
- D. MBps

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A database administrator is writing code to ask the database a question. Which of the following is the administrator doing?

- A. Manipulating data
- B. Mining data
- C. Creating a query
- D. Making a report

Correct Answer: C

Community vote distribution

C (100%)

 **lexxone** 3 weeks, 4 days ago

Selected Answer: C

C. Creating a query

Explanation:

A query is a request for information from a database. Database administrators use Structured Query Language (SQL) or other query languages to retrieve, update, or manipulate data.

Why the other options are incorrect:

- A. Manipulating data – This refers to modifying or updating data, not just asking a question.
- B. Mining data – Data mining involves analyzing large sets of data to find patterns, not simply retrieving information.
- D. Making a report – A report presents data in a structured format after a query is executed, but writing the query itself is a separate step
upvoted 1 times

Which of the following is the correct jack for an Ethernet cable?

- A. DB9
- B. Cat 5
- C. RJ45
- D. DVI

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

An organization needs to send customer PII to an outside entity. Which of the following mediums is BEST?

- A. Encrypted email
- B. Flash drive
- C. ODBC
- D. Courier service

Correct Answer: A

Community vote distribution

A (100%)

 **fcc_class** 1 month ago

Selected Answer: A

A. Encrypted email

Explanation:

Personally Identifiable Information (PII) requires secure transmission to protect it from unauthorized access. Encrypted email ensures that PII is protected in transit and can only be accessed by authorized recipients with the proper decryption key.

Why not the other options?

B. Flash drive – A flash drive can be lost, stolen, or intercepted, making it a less secure option.

C. ODBC (Open Database Connectivity) – This is a database connection method, not a transmission medium. It's used for database queries, not securely sending PII.

D. Courier service – Physical documents can be lost or intercepted, making this less secure compared to encryption-based digital methods. Since encrypted email provides secure transmission with encryption, it is the best choice for sending customer PII to an outside entity.

upvoted 1 times

A user is installing software that legally allows anyone to modify it. Which of the following license types does this software use?

- A. Open-source
- B. Subscription
- C. Proprietary
- D. Site

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A home user just purchased a new computer from a large retailer. After setting up the computer, the user notices many games and applications are pre-installed. To reduce security concerns, which of the following should the user complete?

- A. Perform a System Restore
- B. Call the computer manufacturer.
- C. Remove the unwanted bloatware.
- D. Check for disk fragmentation.

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

A company is looking into ways to ensure only approved users are able to access the company website on devices. Which of the following would work BEST to achieve this goal?

- A. Creating certificates
- B. Disabling the browser's cache
- C. Configuring proxy settings
- D. Installing antivirus extensions

Correct Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **lexxone** 3 weeks, 4 days ago

Selected Answer: A

A. Creating certificates

Explanation:

Using digital certificates is an effective way to ensure that only approved users and devices can access a company's website. Certificates provide authentication and encryption, ensuring that only devices with the correct certificate can establish a secure connection.

Why the other options are incorrect:

- B. Disabling the browser's cache – This improves security by preventing sensitive data from being stored but does not control user access.
 - C. Configuring proxy settings – Proxies can filter traffic, but they don't directly enforce authentication at the device level.
 - D. Installing antivirus extensions – Antivirus software helps protect against malware but does not control website access based on user approval.
- upvoted 1 times

🗨️ 👤 **_denw** 7 months, 2 weeks ago

Selected Answer: A

Creating certificates for devices ensures that only those with the issued certificates can access the company website. This method involves digital certificates that authenticate the identity of users or devices, providing a secure way to establish connections only with approved parties. It's an effective way to control access and enhance security, as unauthorized devices without the correct certificates are denied access.

upvoted 3 times

Which of the following would be the BEST design construct to allow developers to group functions and properties for reuse when designing an application?

- A. Constant
- B. Vector
- C. Function
- D. Class

Correct Answer: D

Community vote distribution

D (75%)

C (25%)

🗨️ **fcc_class** 1 month ago

Selected Answer: D

D. Class

Explanation:

A class is a fundamental programming construct used in object-oriented programming (OOP) to group functions (methods) and properties (attributes) together. This allows for code reusability, modularity, and organization when designing an application.

Why not the other options?

- A. Constant – A constant holds a fixed value that does not change, but it does not group functions and properties.
- B. Vector – A vector is a dynamic array used for storing elements, but it is not used for organizing functions and properties.
- C. Function – A function encapsulates a block of code but does not provide a structure to group multiple functions and properties together. Since a class enables grouping of related functions and properties, it is the best design construct for application development.

upvoted 1 times

🗨️ **_denw** 7 months, 2 weeks ago

Selected Answer: D

D. Class

A class is the best design construct to allow developers to group functions (methods) and properties (attributes) for reuse when designing an application. Classes serve as blueprints for creating objects (instances) that share the same attributes and behaviors, facilitating code reusability, organization, and modular design in object-oriented programming.

upvoted 2 times

🗨️ **CircaG** 9 months ago

D. Class.

In object-oriented programming, a class is a blueprint for creating objects. It encapsulates data (properties) and behaviors (functions/methods) into a single unit. This encapsulation promotes code organization, reusability, and maintainability.

upvoted 2 times

🗨️ **TheMCP** 1 year, 7 months ago

Selected Answer: C

Function = reusable blocks of code

upvoted 1 times

A replay attack would be the primary concern of:

- A. availability.
- B. authentication.
- C. confidentiality.
- D. integrity.

Correct Answer: B

Community vote distribution

B (100%)

🗨️ **fcc_class** 1 month ago

Selected Answer: B

B. Authentication

Explanation:

A replay attack occurs when an attacker intercepts and reuses valid authentication data (such as login credentials or session tokens) to gain unauthorized access. This attack compromises authentication because it allows an attacker to impersonate a legitimate user without needing to crack passwords or encryption.

Why not the other options?

A. Availability – A replay attack does not disrupt access to resources (like a DDoS attack would); it focuses on impersonation.

C. Confidentiality – While replay attacks may involve stolen credentials, the main concern is impersonation, not data secrecy.

D. Integrity – A replay attack does not alter data; it reuses existing valid credentials to authenticate fraudulently.

Since authentication is the primary security principle affected by replay attacks, it is the correct answer.

upvoted 1 times

🗨️ **Torrente** 1 month, 1 week ago

Selected Answer: B

Authentication because since a replay attack impersonates a legitimate user, it primarily threatens authentication mechanisms.

upvoted 1 times

🗨️ **_denw** 7 months, 2 weeks ago

Selected Answer: B

B. authentication.

A replay attack involves the malicious or fraudulent repeat or delay of a valid data transmission. This type of attack is primarily a concern for authentication processes, as it can allow an attacker to gain unauthorized access by intercepting and replaying messages, such as login requests, that were originally sent by a legitimate user.

upvoted 2 times

🗨️ **CircaG** 9 months ago

D. Integrity.

upvoted 1 times

🗨️ **dodotthebird84** 1 year, 6 months ago

Its D replay attack goes into the category Integrity concerns not confidentiality

upvoted 3 times

A network administrator requires that a non-magnetic drive be used to store critical data for a project. The project is expected to last a few years. Which of the following would the administrator MOST likely choose for the project?

- A. USB flash drive
- B. Solid-state drive
- C. Tape drive
- D. Hard disk

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following graphic interfaces is capable of the HIGHEST possible resolution?

- A. Component video
- B. VGA
- C. S-Video
- D. DVI

Correct Answer: D

Community vote distribution

D (100%)



 **lexxone** 3 weeks, 4 days ago

Selected Answer: D

D. DVI (Digital Visual Interface)

Explanation:

DVI is capable of supporting higher resolutions compared to the other options. There are different types of DVI connections:

DVI-D (Digital) and DVI-I (Integrated) can support resolutions up to 1920x1200 at 60Hz.

Dual-link DVI can go up to 2560x1600 at 60Hz.

Why the other options are incorrect:

- A. Component video – Supports high-definition resolutions, but it is an analog signal and does not match DVI in quality and resolution support.
- B. VGA (Video Graphics Array) – An older analog standard that typically supports resolutions up to 1600x1200, but with lower quality and signal degradation over long distances.
- C. S-Video – A lower-quality analog signal, typically supporting only 480i or 576i, which is significantly lower than what DVI supports.

upvoted 1 times

A technician is configuring computers for a mass deployment. As part of a web-based application, several new windows need to open once a user logs in. Which of the following should the technician configure to ensure the browsers open properly?

- A. Unrestricted PowerShell execution policy
- B. Pop-up blocker exceptions
- C. Applications to run in private mode
- D. Security extensions setting to disable

Correct Answer: B

Community vote distribution

B (100%)

🗨️ **fcc_class** 1 month ago

Selected Answer: B

B. Pop-up blocker exceptions

Explanation:

Most modern web browsers include pop-up blockers that prevent new windows from opening automatically. If a web-based application requires multiple windows to open upon login, the technician should configure pop-up blocker exceptions to allow the necessary pop-ups.

Why not the other options?

- A. Unrestricted PowerShell execution policy – This controls the execution of PowerShell scripts, not browser behavior.
- C. Applications to run in private mode – Private (incognito) mode prevents tracking and history storage but does not affect pop-up settings.
- D. Security extensions setting to disable – Disabling security extensions could reduce protection but would not directly solve the issue of blocked pop-ups.

Since pop-up blockers prevent necessary windows from opening, configuring pop-up blocker exceptions is the best solution.

upvoted 1 times

🗨️ **_denw** 7 months, 2 weeks ago

Selected Answer: B

B. Pop-up blocker exceptions

To ensure the browsers open new windows properly as part of a web-based application, especially when multiple windows are required to open upon user login, the technician should configure pop-up blocker exceptions for the specific site(s) needed. This action allows the web application to open new windows without being blocked by the browser's built-in pop-up blocking feature, ensuring the application functions as intended.

upvoted 2 times

Which of the following software types is MOST likely to use stencil files?

- A. Visual diagramming
- B. Word processing
- C. Presentation
- D. Conferencing

Correct Answer: A

Community vote distribution

A (100%)

 **fcc_class** 1 month ago

Selected Answer: A

A. Visual diagramming

Explanation:

Stencil files are commonly used in visual diagramming software (such as Microsoft Visio, Lucidchart, or SmartDraw). These files contain predefined shapes, symbols, and icons that help users create flowcharts, network diagrams, organizational charts, and other structured visual representations.

Why not the other options?

B. Word processing – Used for text documents, not visual elements requiring stencils.

C. Presentation – While presentations may contain graphics, they do not rely on stencil files.

D. Conferencing – Conferencing software is for communication and does not involve stencil files.

Since visual diagramming tools rely on stencil files for structured graphical elements, this is the best answer.

upvoted 1 times

Which of the following availability concerns is mitigated by having a business continuity site?


- A. Service outage
- B. Wiretapping
- C. Eavesdropping
- D. Replay attack

Correct Answer: A

Community vote distribution

A (100%)




 **Torrente** 1 month, 1 week ago

Selected Answer: A

The answer is service outage because a business continuity site, such as a disaster recovery (DR) site, is designed to mitigate the risk of a service outage.

upvoted 1 times

 **Amycert** 8 months, 4 weeks ago

Selected Answer: A

Service outage is actually the only availability problem in the list

upvoted 1 times

The manager of human resources is unable to connect to the wireless network while in the conference room. The network administrator decides to check the logs of the network. While in the log files, the administrator finds that several access points are down. Which of the following troubleshooting steps should be performed NEXT?

- A. Identify the problem
- B. Research the knowledge base.
- C. Establish a plan to resolve the problem
- D. Verify full system functionality

Correct Answer: C

Community vote distribution

B (50%)

C (50%)

🗨️ 👤 **_denw** 7 months, 2 weeks ago

Selected Answer: C

C. Establish a plan to resolve the problem

Given that the network administrator has already identified the problem (access points are down) by checking the log files, the next step in the troubleshooting process is to establish a plan to resolve the problem. This involves determining the best course of action to get the access points back online, which may include steps like physically inspecting the access points, checking for power issues, or configuring settings on the network devices.

upvoted 2 times

🗨️ 👤 **UnitedAlmond** 11 months, 1 week ago

Selected Answer: B

The answer should be B. Since they identified the problem, the next step would be to research the knowledge base/internet, if applicable.

1. Identify the Problem:
2. Research Knowledge Base/Internet, if applicable
3. Establish a Theory of Probable Cause:
4. Test the Theory to Determine the Cause
5. Establish a Plan of Action to Resolve the Problem & Identify Potential Effects
6. Implement the Solution or Escalate as Necessary
7. Verify Full System Functionality & Implement Preventive Measures
8. Document Findings/Lessons Learned, Actions, & Outcomes

upvoted 2 times