

EXAMTOPICS

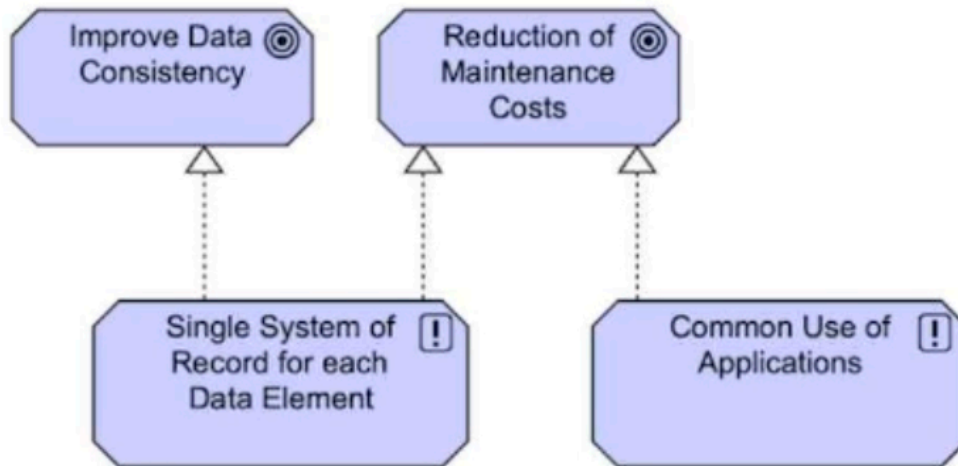
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Consider the diagram, which represents information about a transformation project.



Which of the following best describes this diagram?

- A. Principles and the goals they realize.
- B. Requirements and the meanings assigned.
- C. Goals and the assigned values.
- D. Drivers and the associated outcomes.

Suggested Answer: A

Community vote distribution

A (100%)

shail1985 9 months ago

Selected Answer: A

Symbols / Notation is of Motivation Goals element and Principle element
upvoted 1 times

Which of the following is a composite element?

- A. Grouping
- B. Aggregation
- C. Course of Action
- D. Contract

Suggested Answer: A

Community vote distribution

A (100%)

 **marekvavra** 9 months ago

Selected Answer: A


- A. Grouping A composite element used to group multiple elements logically. Yes
 - B. Aggregation A relationship, not an element – shows whole-part structure. No
 - C. Course of Action An active behavior element from Strategy Layer. No
 - D. Contract A passive structure element representing service-level agreements. No
- upvoted 1 times

 **shail1985** 9 months ago

Selected Answer: A

Grouping and Location are generic composite element and Product and Plateau are other composite element.

upvoted 1 times

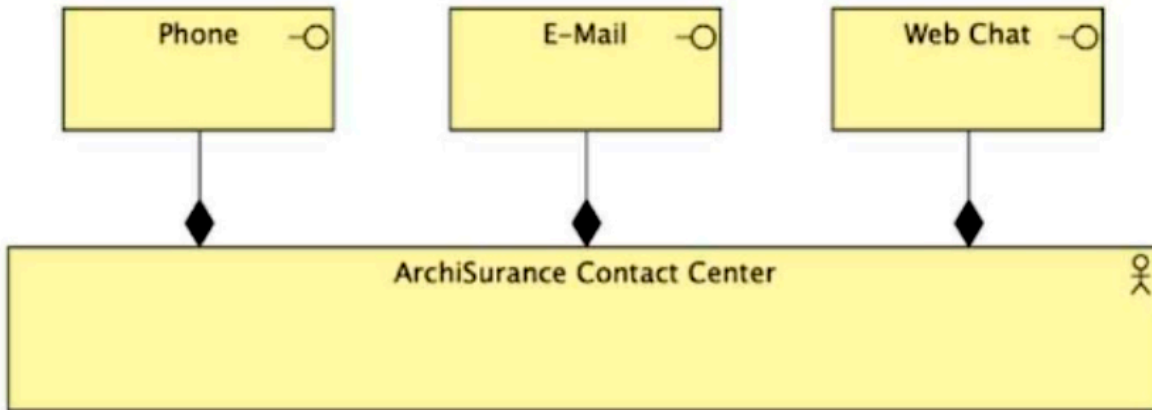
 **Jonathyan** 9 months, 3 weeks ago

Selected Answer: A

Grouping, it is together with Location a composite element. See 4.5.1

upvoted 2 times

Consider the diagram:



Which of the following describes the ArchiSurance Contact Center?

- A. The Contact Center has a business interaction with its customers using phone, e-mail and web chat.
- B. The Contact Center uses phone, e-mail and web chat for internal communication.
- C. The Contact Center has three business interfaces to serve customers: phone, e-mail and web chat.
- D. The staff within the Contact Center collaborate using phone, e-mail and web chat.

Suggested Answer: C

Community vote distribution

C (100%)

Jonathyan 9 months, 3 weeks ago

Selected Answer: C

Phone, e-mail and web chat have the icon for a business interface, see 8.2.4. So the key word to look for in the answer is business interface
upvoted 1 times

What relationship is allowed from a technology function to an application function?

- A. Assignment
- B. Realization
- C. Aggregation
- D. Influence

Suggested Answer: B

Community vote distribution

A (50%)

B (50%)


 **marekvavra** 9 months ago

Selected Answer: A

Figure 105 ("Layered Viewpoint") in the ArchiMate 3.2 spec does show allowed inter-layer relationships, including:


Serving: A behavior in a lower layer (e.g., Technology Function) can serve a behavior in a higher layer (e.g., Application Function).

Realization: A lower-layer structure or behavior can realize a higher-layer element.

 So, why not "Assignment"?

Assignment is used within the same layer to assign active structure elements (e.g., a Node) to behavioral elements (e.g., Technology Function).

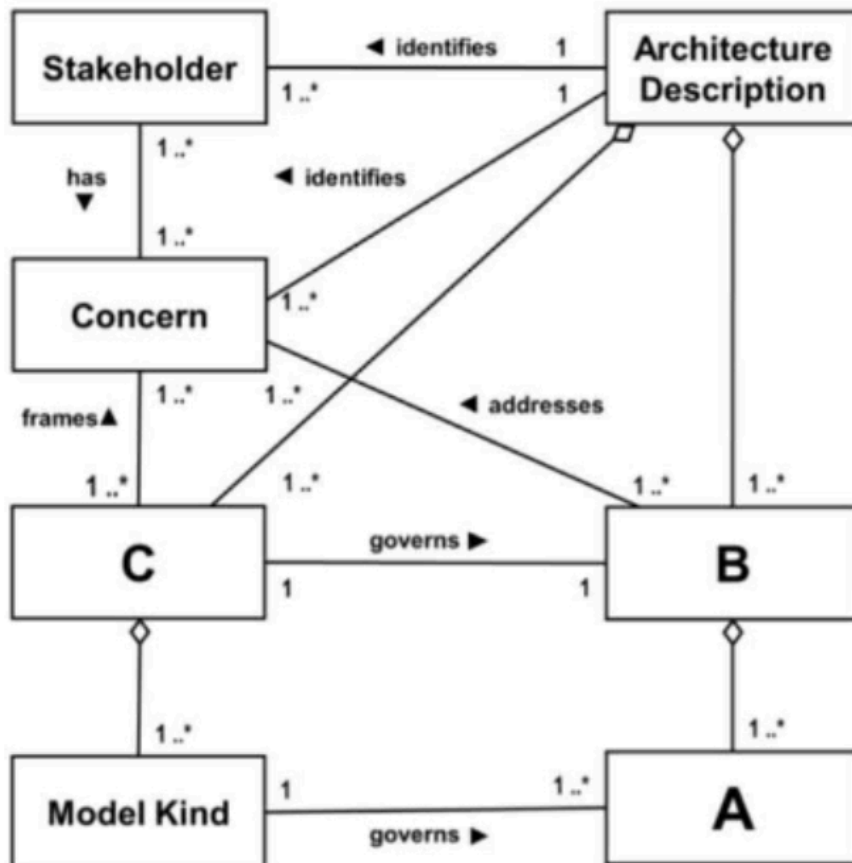
It's not standard to use Assignment between layers, especially between two behavioral elements (like Technology Function and Application Function).
upvoted 1 times

 **Jonathyan** 9 months, 3 weeks ago

Selected Answer: B

Realization and serving relationships are allowed between tech and app layer. See 11.2 and figure 105
upvoted 1 times

Consider the fragment of the conceptual model of an Architecture Description from ISO/IEC 42010.



Which answer correctly identifies A and B?

- A. A=Architecture, B=Architecture Viewpoint
- B. A=Viewpoint Library, B=Architecture Rationale
- C. A=Architecture Model, B=Architecture View
- D. A=Capability, B=Value Stream

Suggested Answer: C

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

In the Application Layer metamodel, what relationship type is defined from an application service to a data object?

- A. Aggregation
- B. Composition
- C. Realization
- D. Access

Suggested Answer: *D*

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

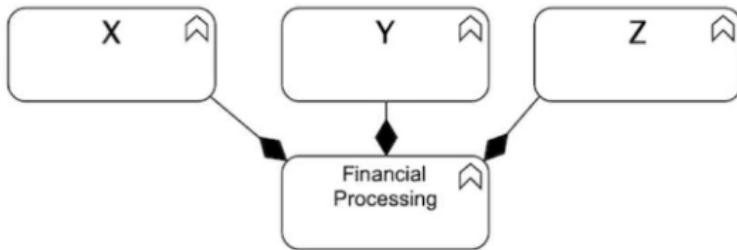
Complete the sentence. The passive counterpart of the application component in the application layer is called a(n) _____.

- A. Application event
- B. Meaning
- C. Product
- D. Data object

Suggested Answer: *D*

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

Consider the diagram:



Which of the following is the correct description of the diagram?

- A. The financial processing function is composed of three sub-functions X,Y, and Z.
- B. The financial processing function aggregates the three sub-functions X,Y, and Z.
- C. The financial processing function is influenced by the three sub-functions X,Y, and Z.
- D. The financial processing function is assigned the three sub-functions X,Y, and Z.

Suggested Answer: A

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

Complete the sentence. In the physical elements metamodel, a distribution network realizes a _____.

- A. Node
- B. Path
- C. Technology service
- D. Technology interaction

Suggested Answer: B

Community vote distribution

A (100%)

  **marekvavra** 9 months ago

Selected Answer: A

A path is a logical construct.

A distribution network is physical infrastructure.

In the metamodel, realization occurs from physical to logical – and the correct logical counterpart for a distribution network is a distribution node, not a path.

upvoted 1 times

Complete the sentence. According to the top-level hierarchical structure of the ArchiMate Language, a model is considered to be _____.

- A. a collection of concepts
- B. a set of elements
- C. an assembly of views
- D. an arrangement of relationships

Suggested Answer: B

Community vote distribution

C (100%)

 **DamianPoland** 6 days, 22 hours ago

Selected Answer: A

answer A:

3.2. Top-Level Language Structure

Figure 1 outlines the top-level hierarchical structure of the language:

A model is a collection of concepts – a concept is either an element or a relationship

An element is either a behavior element, a structure element, a motivation element, or a composite element

Note that these are abstract concepts; they are not intended to be used directly in models. To signify this, they are depicted in white with labels in italics. See Chapter 4 for an explanation of the notation used in Figure 1.

upvoted 1 times

 **marekvavra** 9 months ago

Selected Answer: C

According to the top-level hierarchical structure of the ArchiMate Language (as defined in the ArchiMate specification by The Open Group):

A model is composed of views.

Each view represents a specific perspective or concern (e.g., business, application, technology).

These views are made up of viewpoints, which in turn contain elements and relationships.

So the hierarchy goes roughly like:

Model → Views → Viewpoints → Elements & Relationships

Therefore, a model is an assembly of views.

✗ Why the others are incorrect:

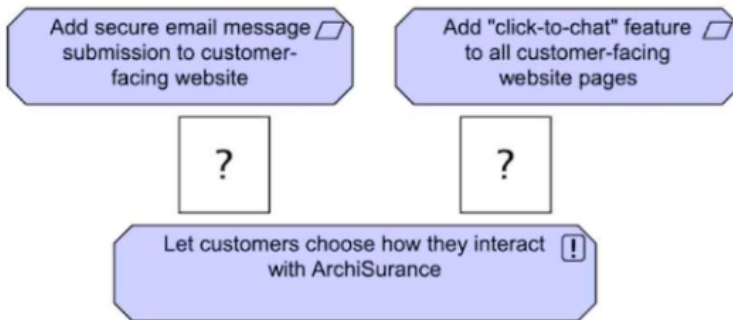
A. a collection of concepts: Concepts are more abstract; not a formal top-level structure.

B. a set of elements: Elements are part of views, not the top structure.

D. an arrangement of relationships: Relationships are part of views as well.

upvoted 1 times

Consider the diagram:



Which of the following is the correct relationship between the bottom element and the top elements?

- A. Aggregation
- B. Access
- C. Realization
- D. Specialization

Suggested Answer: C

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

Consider the following entities:

1. A business partner
2. A software application for software sales
3. Server hardware used to host business applications

What ArchiMate aspect describes these entities?

- A. Behavior
- B. Active structure
- C. Business structure
- D. Passive structure

Suggested Answer: *B*

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

What relationships are permitted between capabilities and requirements?

- A. Assigned to, associated with
- B. Assigned to, realizes
- C. Influences, realizes
- D. Triggers, aggregates

Suggested Answer: C

Community vote distribution

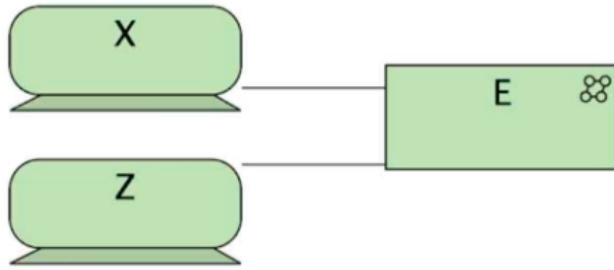
B (100%)

  **marekvavra** 9 months ago

Selected Answer: B

- A. Assigned to, associated with "Associated with" is not a specific ArchiMate relationship.
 - C. Influences, realizes "Influences" is used in motivational elements (e.g., goals), not between capabilities and requirements.
 - D. Triggers, aggregates "Triggers" is used between behaviors, and "aggregates" is structural – neither fits capabilities and requirements well.
- upvoted 2 times

Consider the diagram, where X and Z are servers located in the ArchiSurance data center:



What correctly describes the diagram?

- A. The servers, represented by devices, are connected by a communication network.
- B. The servers are shown in the technology interaction E, where they collectively process data.
- C. The servers share a common network area storage device E.
- D. Technology collaboration E represents a point of access for services offered by the servers.

Suggested Answer: D

Community vote distribution

A (100%)

 **marekvavra** 9 months ago

Selected Answer: A

A. The servers, represented by devices, are connected by a communication network.

Why not the others?

B is incorrect: E is not a technology interaction but a network.

C is incorrect: E is not a network area storage device (like NAS).

D is incorrect: E is not a service access point but a communication network.

upvoted 3 times

What is an external active structure element that represents a point of access where one or more services are provided to the environment?

- A. A collaboration
- B. An interaction
- C. An interface
- D. A capability

Suggested Answer: *C*

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