



# **The-Open-Group**

## **Exam Questions OGA-031**

ArchiMate 3 Part 1 Exam

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**NEW QUESTION 1**

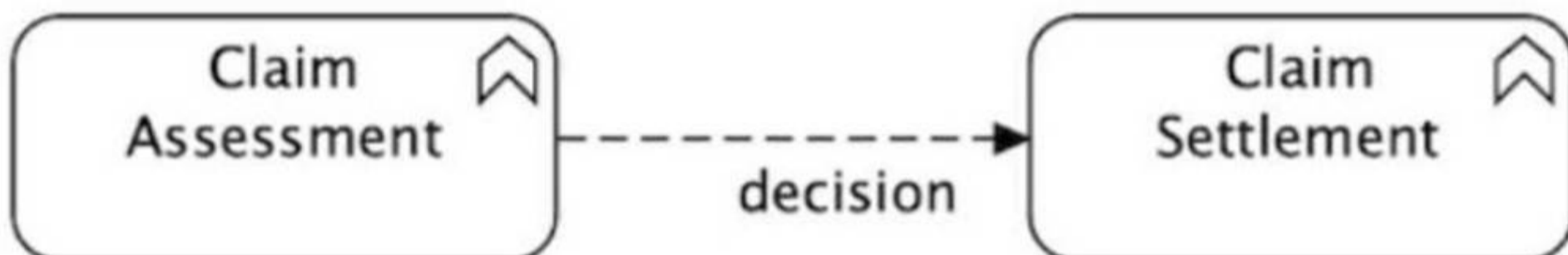
Complete the sentence. In the Business Layer metamodel, a Business Event accesses a \_\_\_\_\_

- A. Business Internal Active Structure Element
- B. Business Composite Element
- C. Business Passive Structure Element
- D. Business Internal Behavior Element

**Answer: C**

**NEW QUESTION 2**

Consider the diagram showing a Claim Assessment and a Claim Settlement together with a relationship between them labeled "decision."



What type of relationship is "decision"?

- A. Flow
- B. Influence
- C. Trigger
- D. Access

**Answer: C**

**NEW QUESTION 3**

Complete the sentence. In the Physical Elements metamodel, a distribution network realizes a \_\_\_\_\_.

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

**Answer: B**

**NEW QUESTION 4**

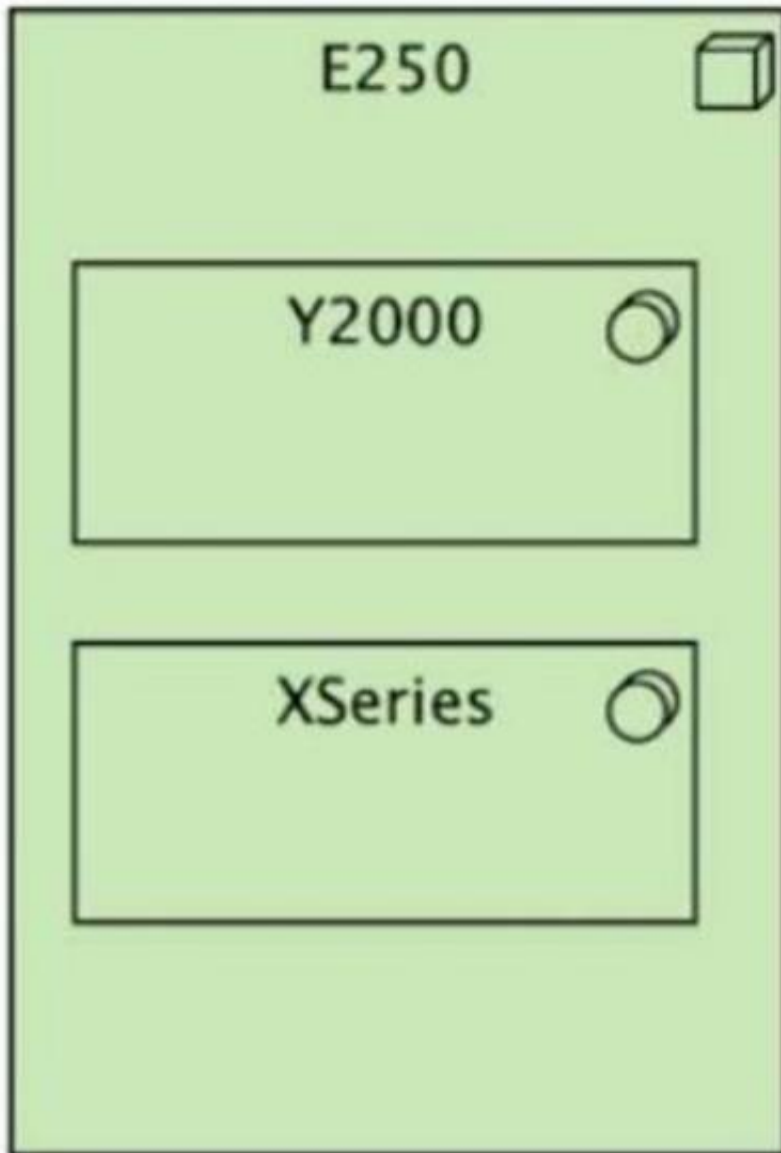
What relationships are permitted between capabilities and requirements?

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

**Answer: C**

**NEW QUESTION 5**

Consider the diagram showing a standard server configuration at ArchiSurance:



(A diagram depicting E250 as a node, containing Y2000 and XSeries as internal components.)  
 Which of the following correctly describes the diagram?

- A. The E250 is an assembly of Y2000 processing units and XSeries high-speed memory.
- B. The E250 node is running internally-developed Y2000 software for enterprise risk analysis and is fitted with an XSeries custom disk array.
- C. The E250 device is fitted with the Y2000 software application and the XSeries communication middleware.
- D. The E250 node is running Y2000 middleware and the XSeries operating system.

**Answer:** D

**NEW QUESTION 6**

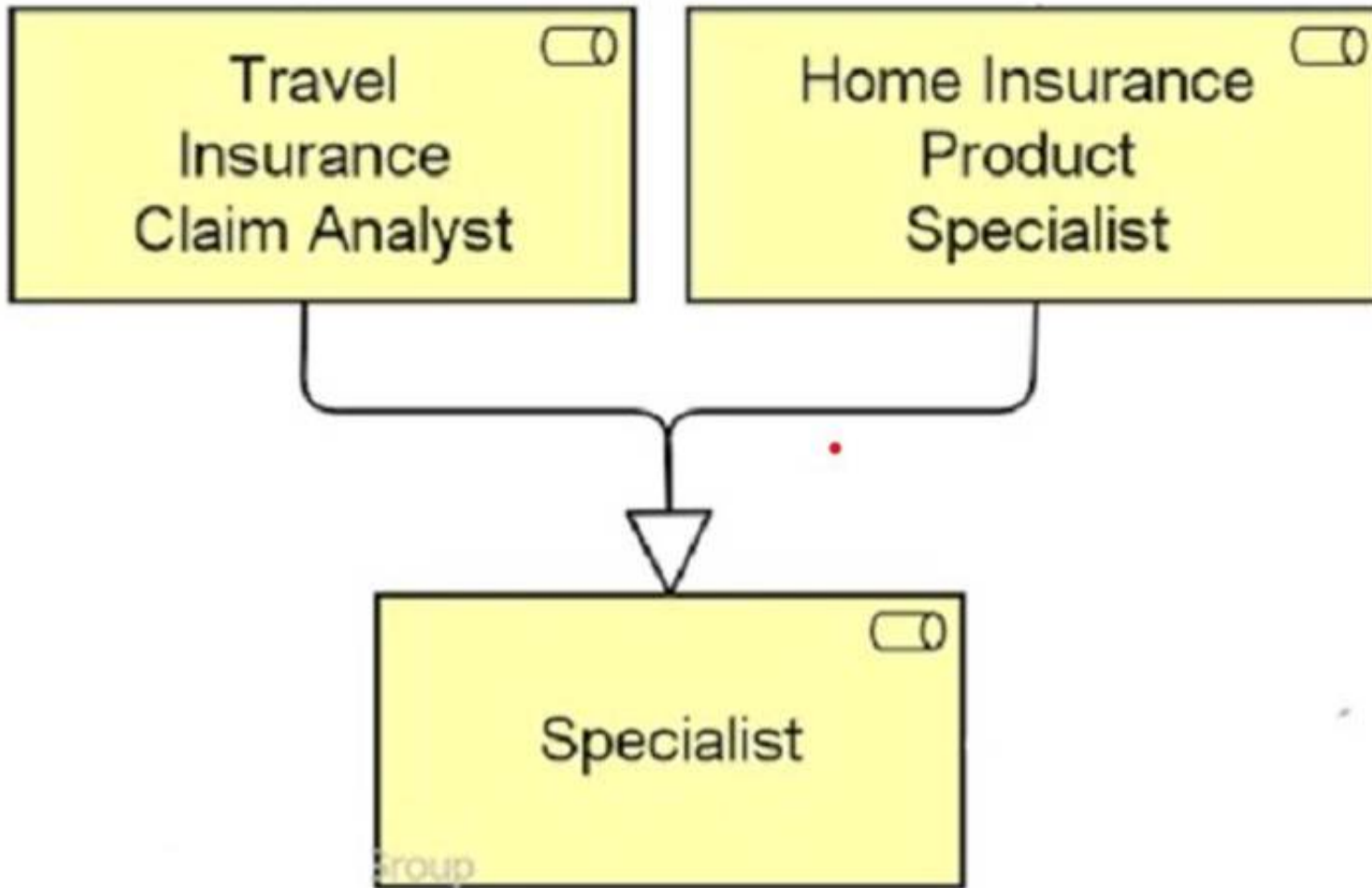
What physical element is used to model buildings that have an important role in production processes?

- A. Facility
- B. Manufacturing Plant
- C. Distribution node
- D. Equipment

**Answer:** A

**NEW QUESTION 7**

Consider the following diagram:



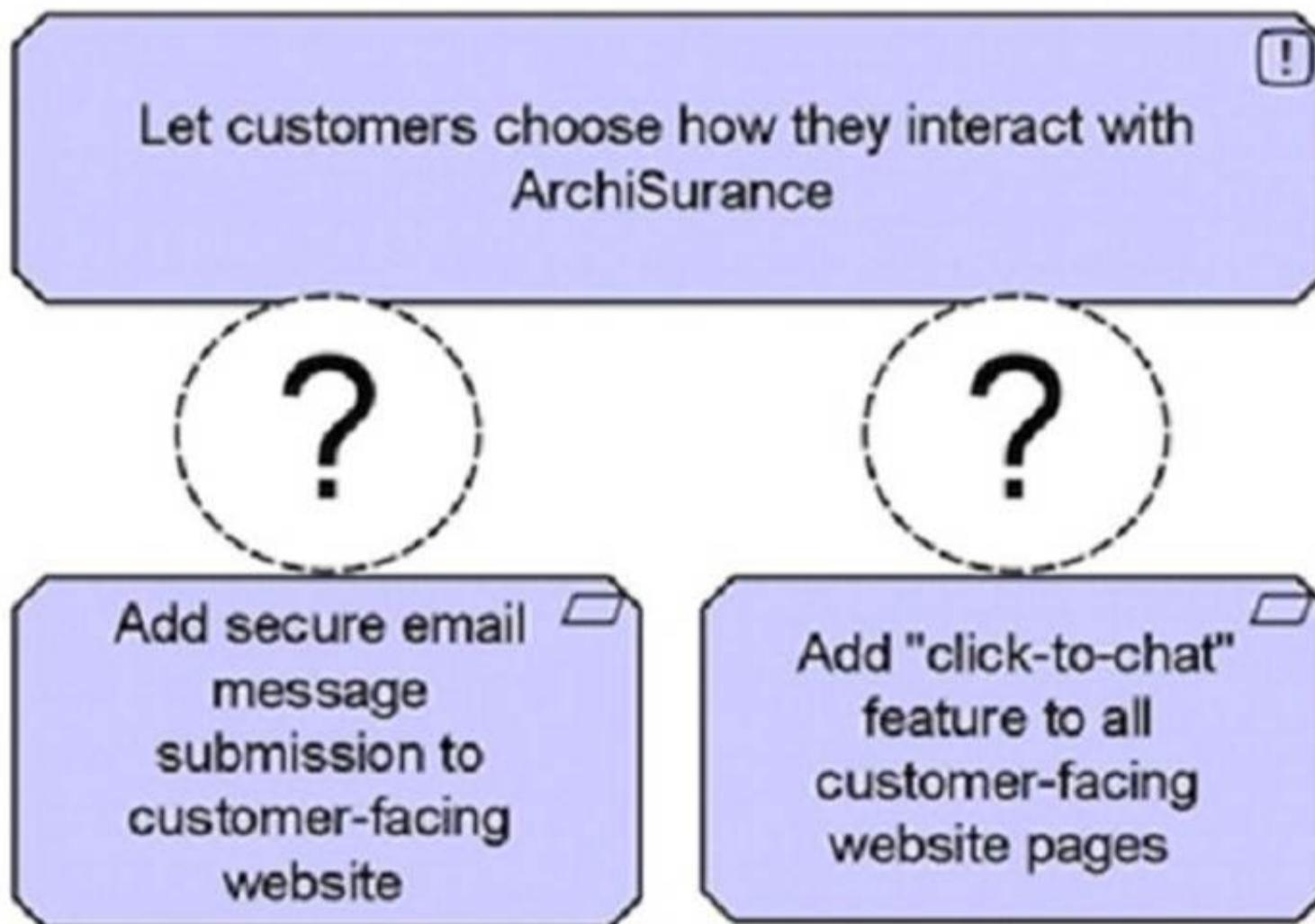
Which of the following correctly describes this diagram?

- A. The two business roles Travel Insurance Claim Analyst and Home Insurance Product Specialist are specializations of the business role Specialist
- B. The business role Specialist approves all claims handled by the two business roles Travel Insurance Claim Analyst and Home Insurance Product Specialist
- C. The two business roles Travel Insurance Claim Analyst and Home Insurance Product Specialist together realize the business role Specialist.
- D. The business role Specialist is an aggregation of the two business roles Travel Insurance Claim Analyst and Home Insurance Product Specialist.

Answer: A

**NEW QUESTION 8**

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



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

Answer: D

**NEW QUESTION 9**

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

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

**Answer: C**

**NEW QUESTION 10**

Complete the sentence. The different layers of Enterprise Architectures that can be modeled with the ArchiMate language include Business, Application, and

- A. Data
- B. Strategy
- C. Information
- D. Technology

**Answer: D**

**NEW QUESTION 10**

Consider the following symbol, which represents information about a transformation project at ArchiSurance \_



Which statement correctly expresses the meaning of this symbol?

- A. The concern is that customers are defecting to competitors with superior digital experiences
- B. The driver is that customers are defecting to competitors with superior digital experiences
- C. The outcome is that customers are defecting to competitors with superior digital experiences.
- D. The assessment is that customers are defecting to competitors with superior digital experiences

**Answer: D**

**NEW QUESTION 15**

What application layer element would you use to define a point of access where an application service is made available to a user?

- A. Application function
- B. Application service
- C. Application interaction
- D. Application interface

**Answer: D**

**NEW QUESTION 17**

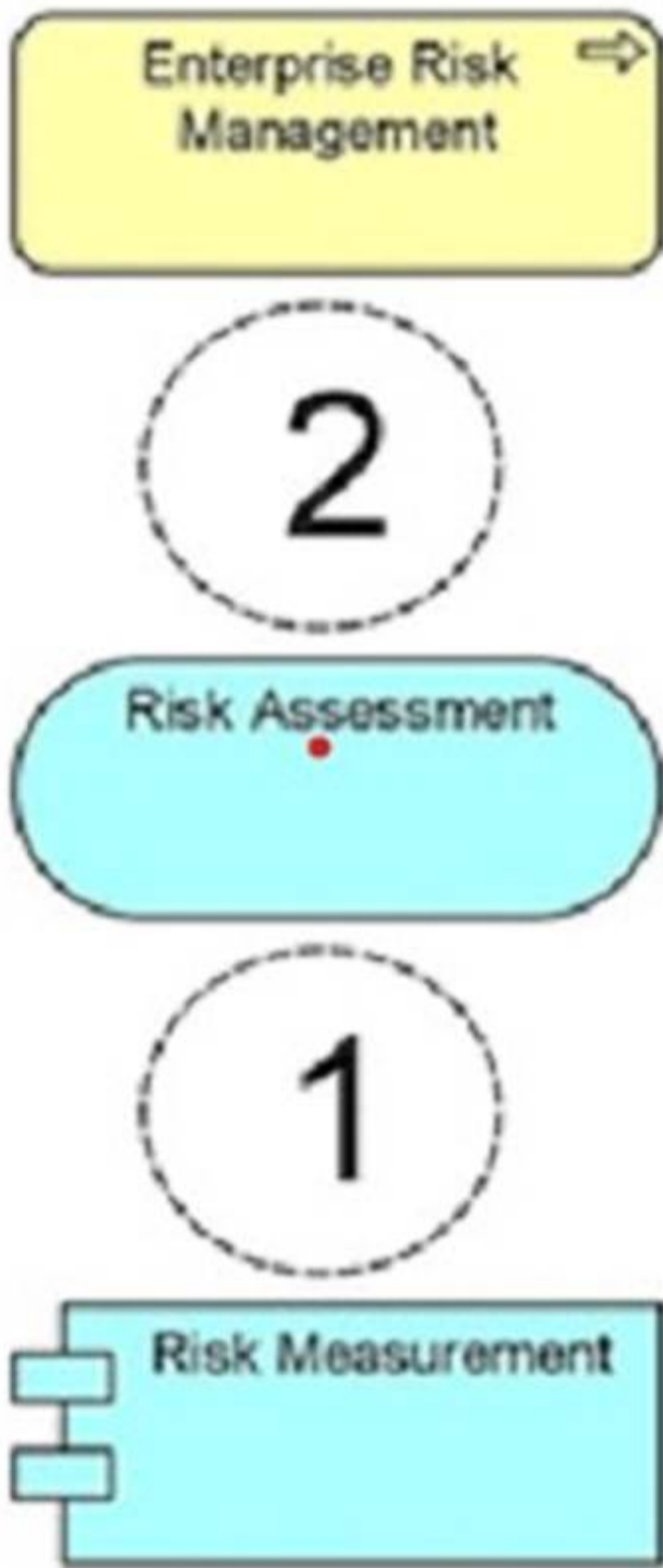
What is specified by an architecture viewpoint?

- A. A model kind
- B. An Enterprise Architecture model
- C. An architecture description
- D. An architecture view on an Enterprise Architecture

**Answer: D**

**NEW QUESTION 21**

A Risk Assessment service provided by a Risk Measurement application enables actuaries to assess and mitigate financial risks as part of the Enterprise Risk Management process



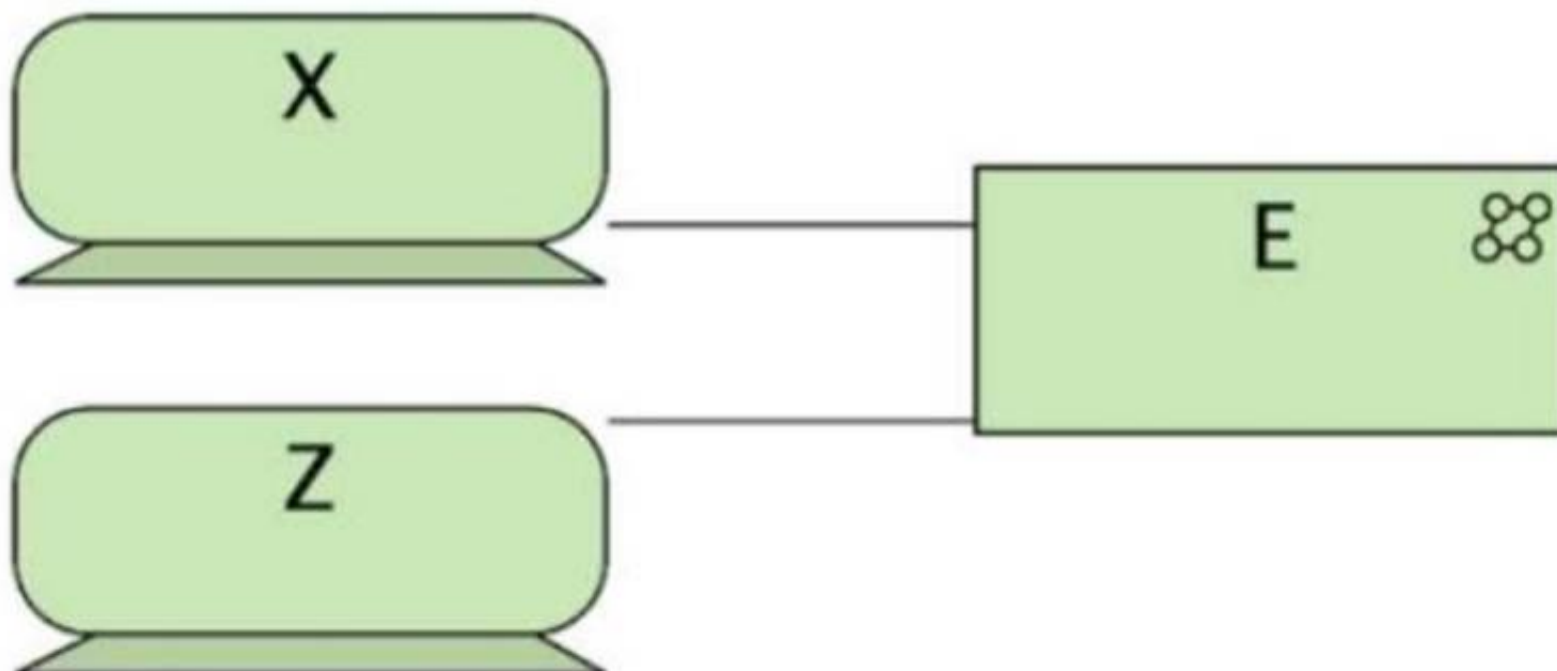
Which combination of relationships, when added to this diagram, would best represent this situation?

- A. 1. Realization and 2. Serving
- B. 1. Realization and 2. Assignment
- C. 1. Realization and 2. Realization
- D. 1. Serving and 2. Realization

**Answer:** A

**NEW QUESTION 26**

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



(A diagram showing X and Z (servers) connected to E (a shared technology element).) 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.

**Answer:** C

**NEW QUESTION 27**

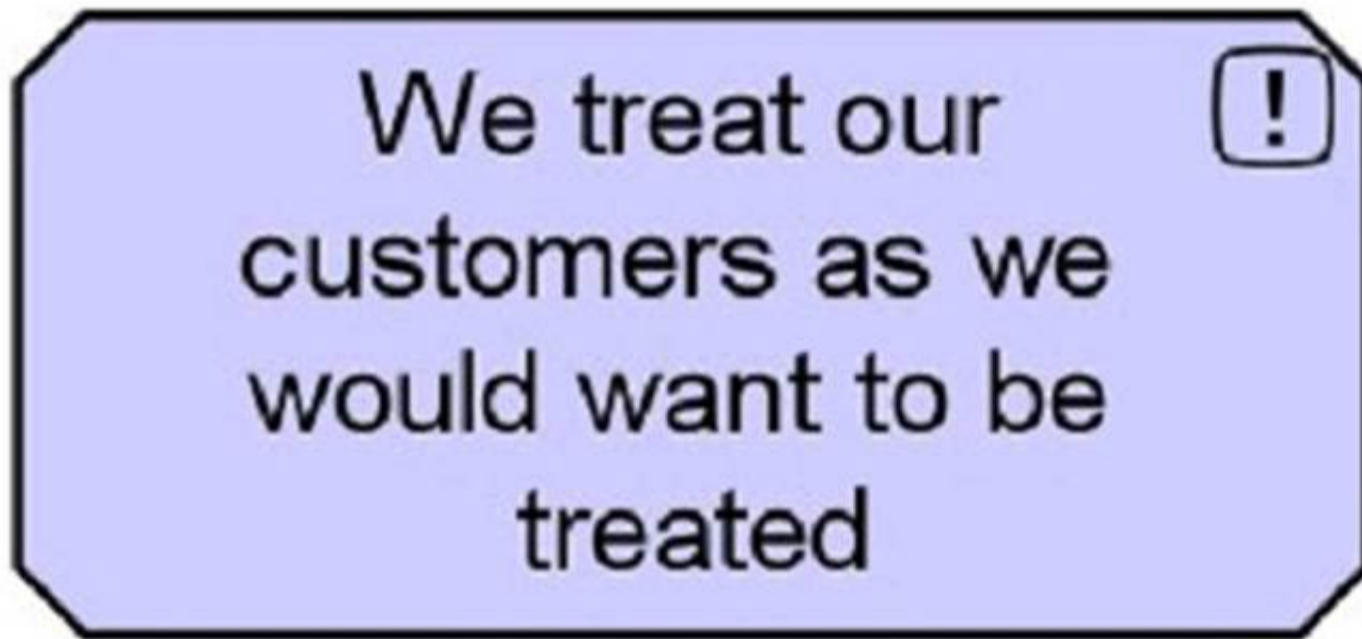
What are the types of elements defined in the top-level language structure of the ArchiMate concepts?

- A. Application, Business, Strategy, Technology
- B. Active, Behavior, Passive
- C. Behavior, Composite, Motivation, Structure
- D. Abstract, Core, Composite

**Answer:** C

**NEW QUESTION 32**

Consider the following symbol, which represents information about a transformation project.



What concept does this symbol represent?

- A. A principle
- B. A constraint
- C. A goal
- D. A requirement

**Answer:** A

**NEW QUESTION 36**

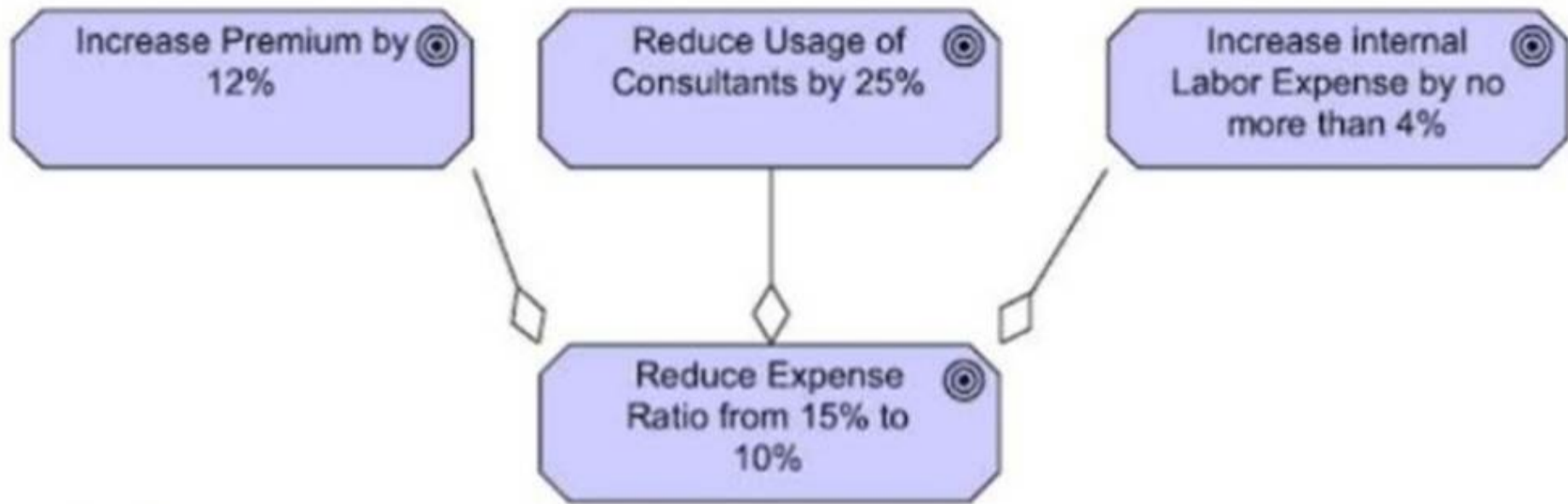
What is the purpose of a Relationship Connector in the ArchiMate language?

- A. Defining composite elements
- B. Modeling architecture viewpoints
- C. Connecting two or more relationships of the same type
- D. Connecting different layers in the ArchiMate Core Framework

**Answer:** C

**NEW QUESTION 38**

Consider the diagram:



(A diagram showing three goals: Increase Premium by 12%, Reduce Usage of Consultants by 25%, and Increase Internal Labor Expense by no more than 4%, all connected to Reduce Expense Ratio from 15% to 10% using aggregation relationships.)  
 What is the best description of the diagram?

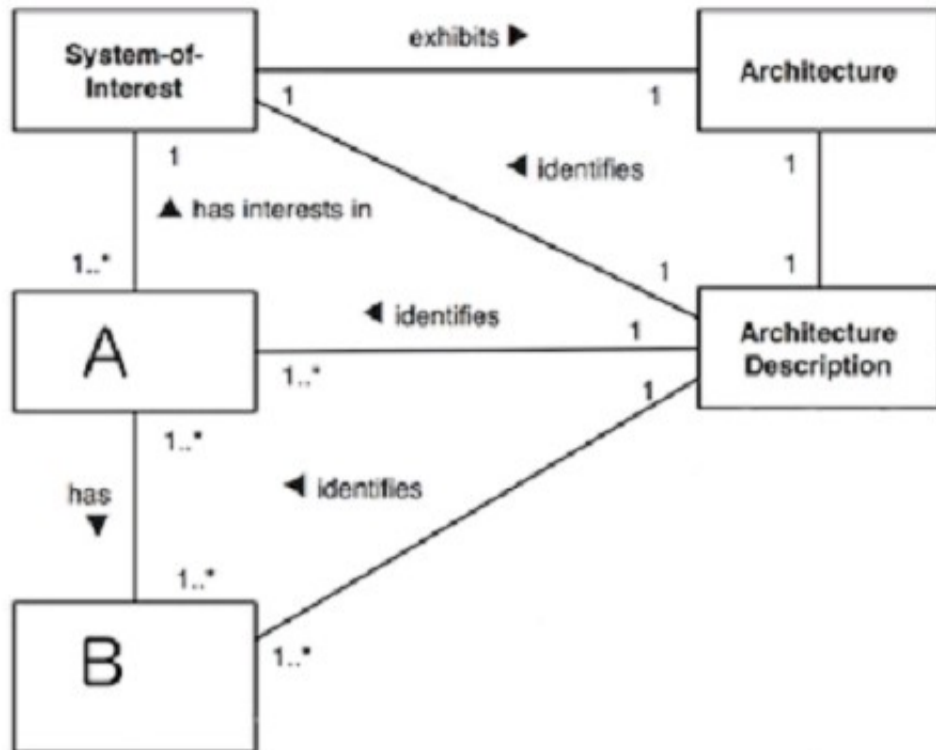
- A. The goal "Reduce Expense Ratio from 15% to 10%" combines three other goals.
- B. The goal "Reduce Expense Ratio from 15% to 10%" will be achieved if at least one of the other three goals is achieved.
- C. The goal "Reduce Expense Ratio from 15% to 10%" must be achieved before any of the other three goals is achieved.
- D. The goal "Reduce Expense Ratio from 15% to 10%" is similar to the three other goals.

**Answer:** A

**NEW QUESTION 43**

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





Which answer correctly identifies A and B?

- A. A=Stakeholder, B=Concern
- B. A=Architecture View, B=Architecture Viewpoint
- C. A-Model Kind, B-Model
- D. A=Whole System, B=Aspects

**Answer: B**

**NEW QUESTION 52**

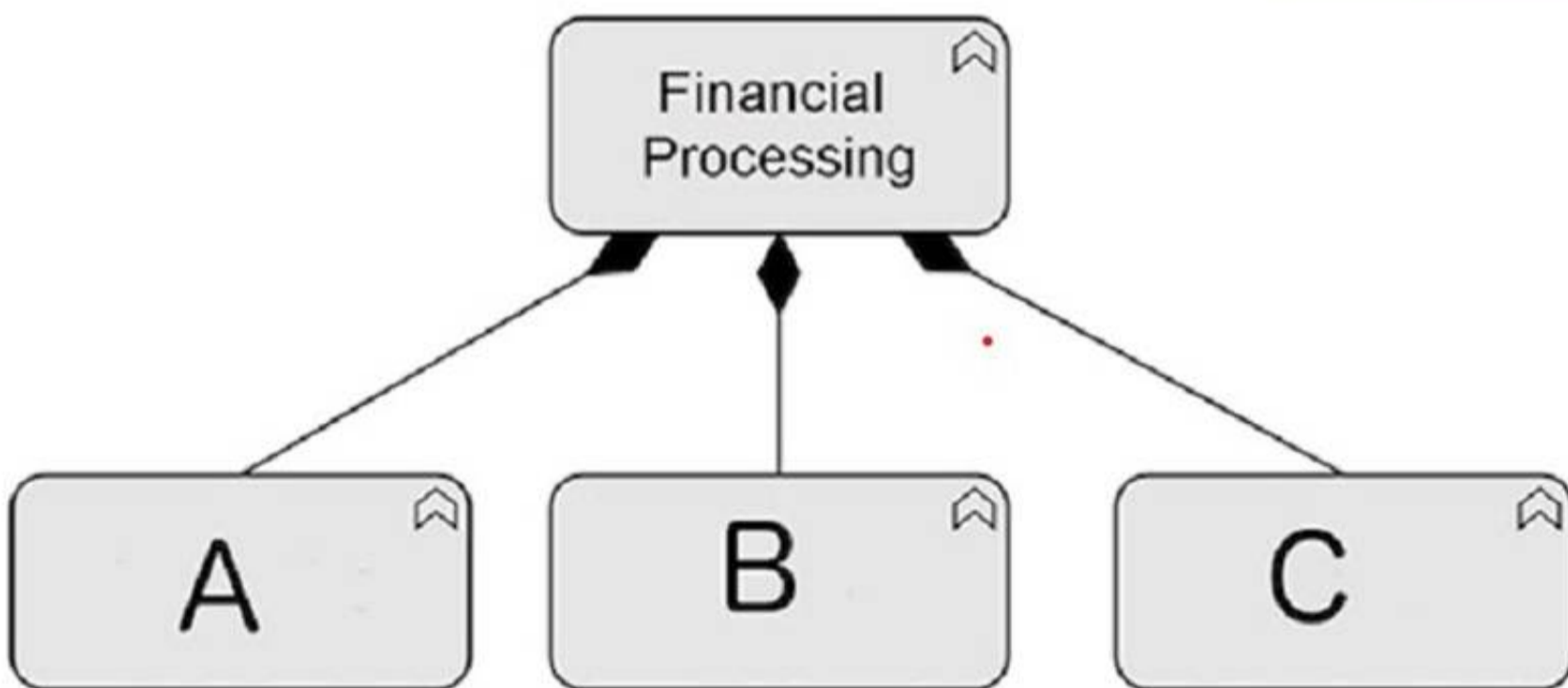
Which of the following is a composite element?

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

**Answer: A**

**NEW QUESTION 56**

Consider the following diagram:



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

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

**Answer: D**

**NEW QUESTION 60**

Complete the sentence. In the Technology Layer metamodel, a communication network a path \_\_\_\_\_

- A. realizes
- B. serves
- C. aggregates
- D. accesses

**Answer:** A

**NEW QUESTION 64**

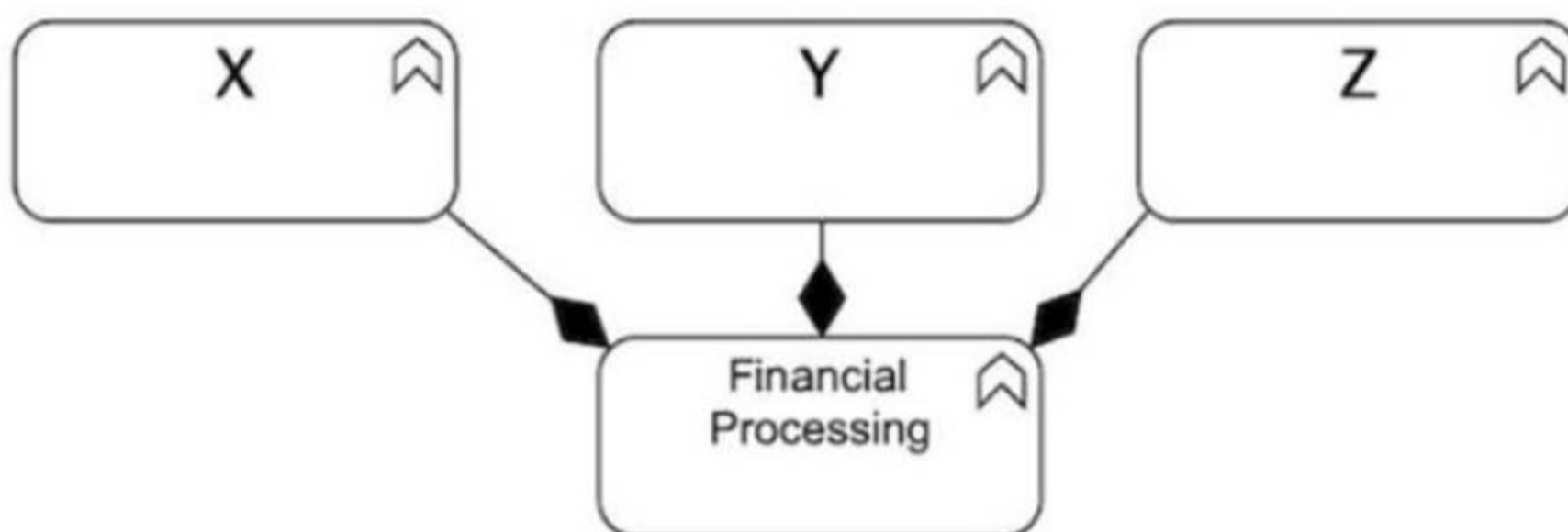
Complete following sentence: In the generic metamodel the main types of elements can be divided into

- A. resources and events
- B. structure and behavior
- C. grouping and location
- D. process and function

**Answer:** B

**NEW QUESTION 66**

Consider the diagram:



(A diagram showing X, Y, and Z connected to Financial Processing using black diamonds.) 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.

**Answer:** A

**NEW QUESTION 67**

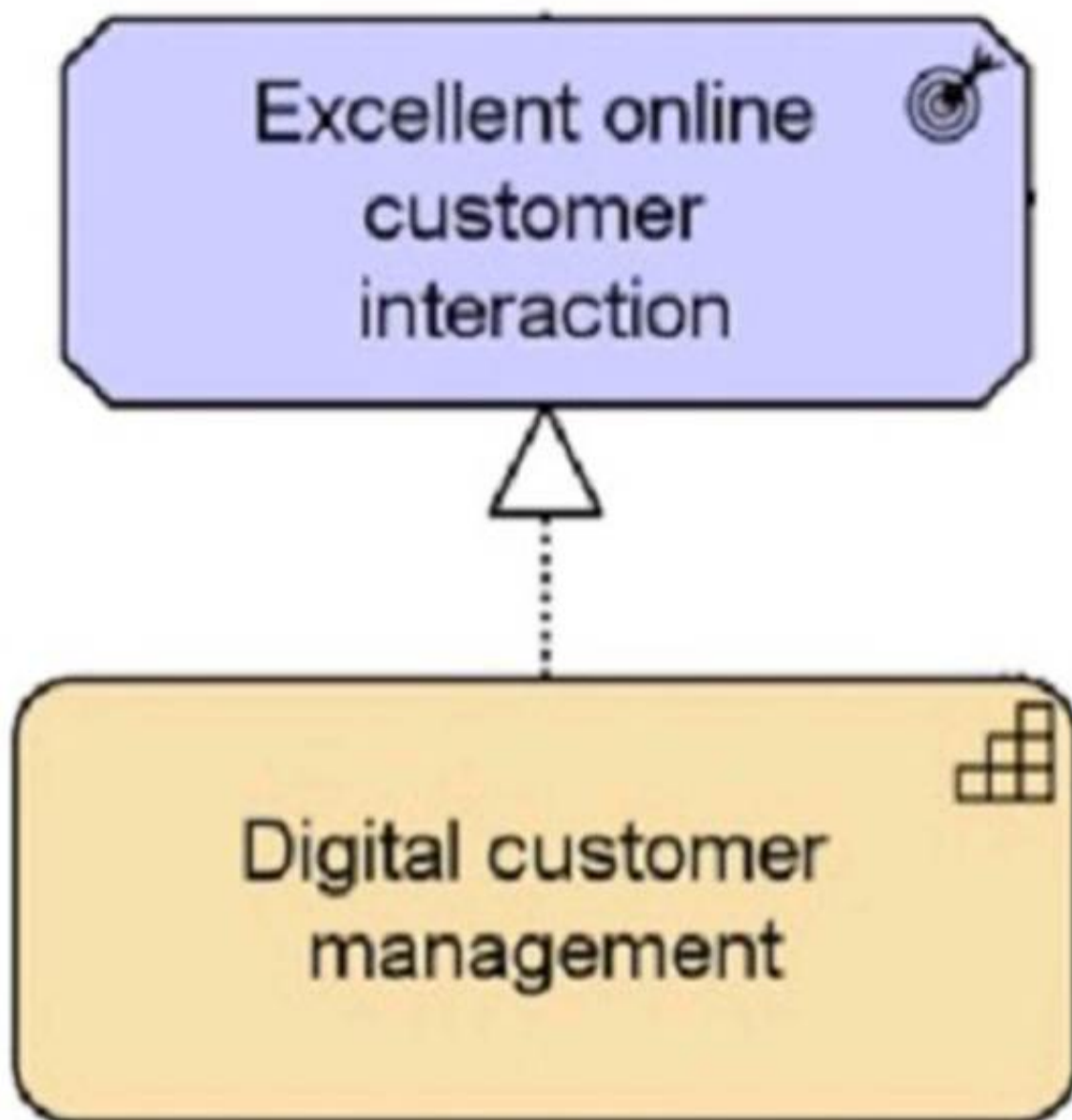
Which of the following is a Passive Structure Element?

- A. Application Component
- B. Actor
- C. Event
- D. Data Object

**Answer:** D

**NEW QUESTION 69**

Consider the following diagram showing a small part of ArchiSurance's Digital Customer Intimacy strategy



Which of the following describes this diagram?

- A. The Digital customer management capability achieves the goal of Excellent online customer interaction.
- B. The Digital customer management capability realizes the outcome Excellent online customer interaction\_
- C. The Digital customer management outcome is influenced by the requirement for Excellent online customer interaction.
- D. The Digital customer management strategy relates to the principle of Excellent online customer interaction

**Answer: B**

**NEW QUESTION 71**

Complete the sentence. In the Technology Layer metamodel, a communication network \_\_\_\_\_ a path.

- A. Realizes
- B. Aggregates
- C. Accesses
- D. Serves

**Answer: B**

**NEW QUESTION 76**

Complete the sentence. The "Course of Action" element is used to represent \_\_\_\_\_.

- A. An ability that an active structure element possesses
- B. The relative worth, utility, or importance of a core element
- C. Results produced by capabilities of an organization
- D. What an enterprise has decided to do

**Answer: D**

**NEW QUESTION 77**

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