



The-Open-Group

Exam Questions OGA-031

ArchiMate 3 Part 1 Exam

NEW QUESTION 1

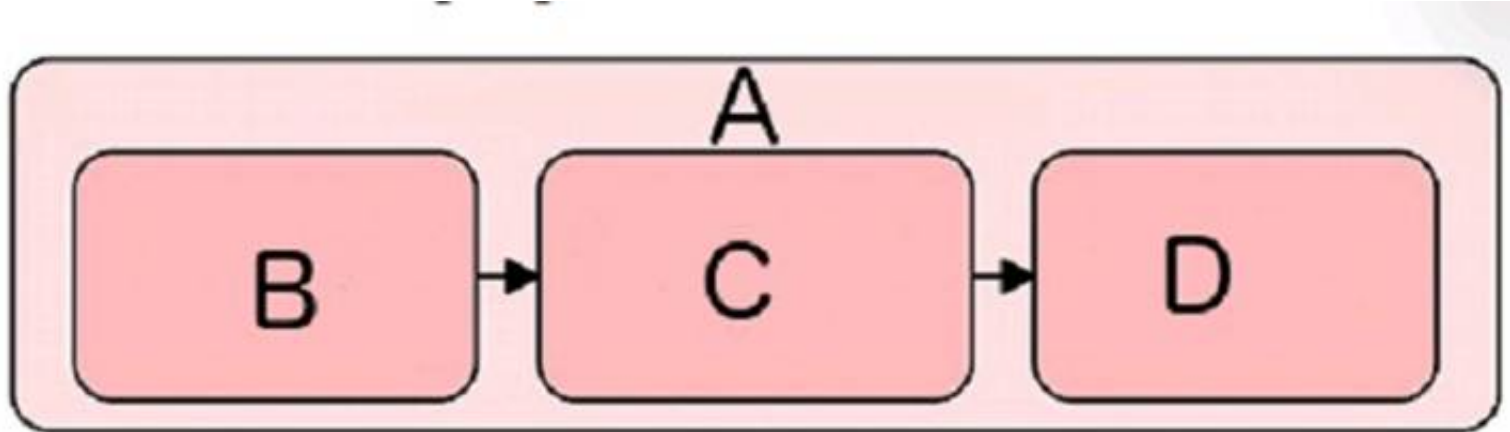
In the Application Layer metamodel, what relationship type is defined from an application service to a data object?

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

Answer: D

NEW QUESTION 2

Which answer correctly describes the four elements (A, B, C, and D) shown in this diagram?

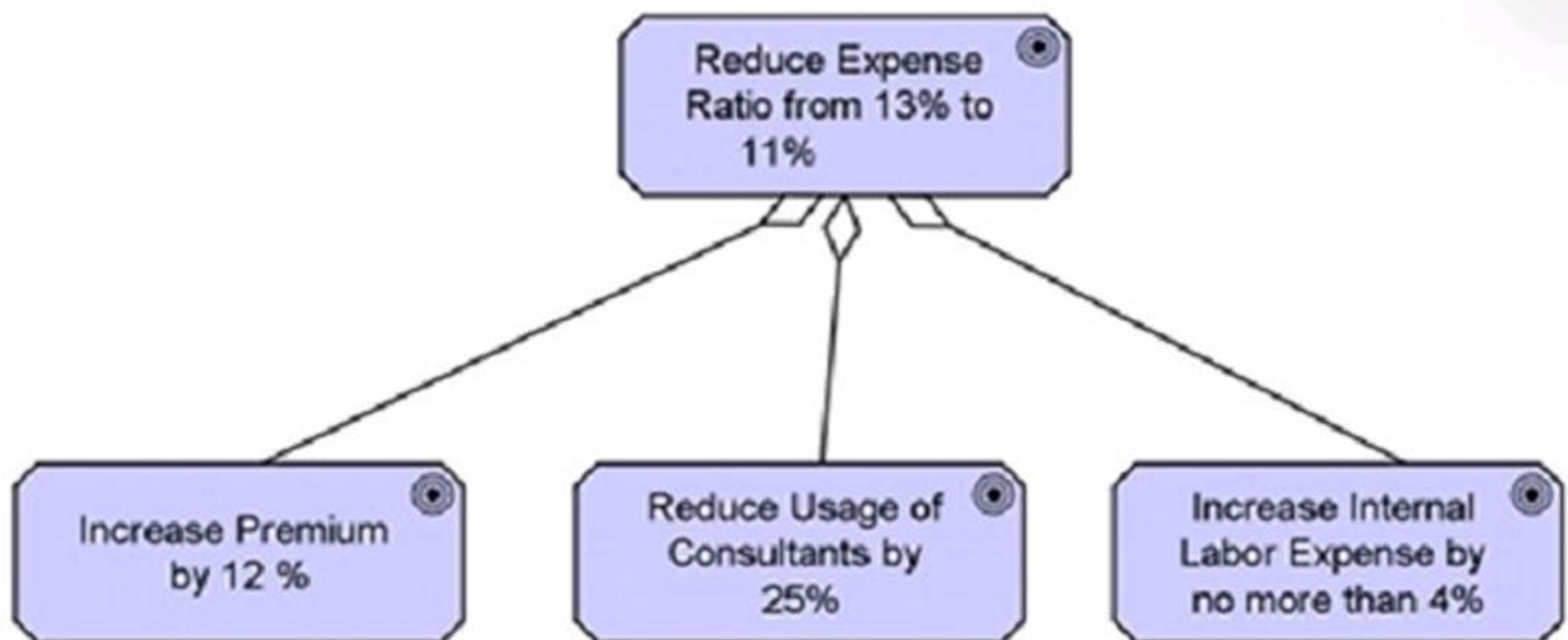


- A. A plateau and deliverables
- B. Project components
- C. Work packages
- D. Business processes

Answer: C

NEW QUESTION 3

What is the best description of the diagram?

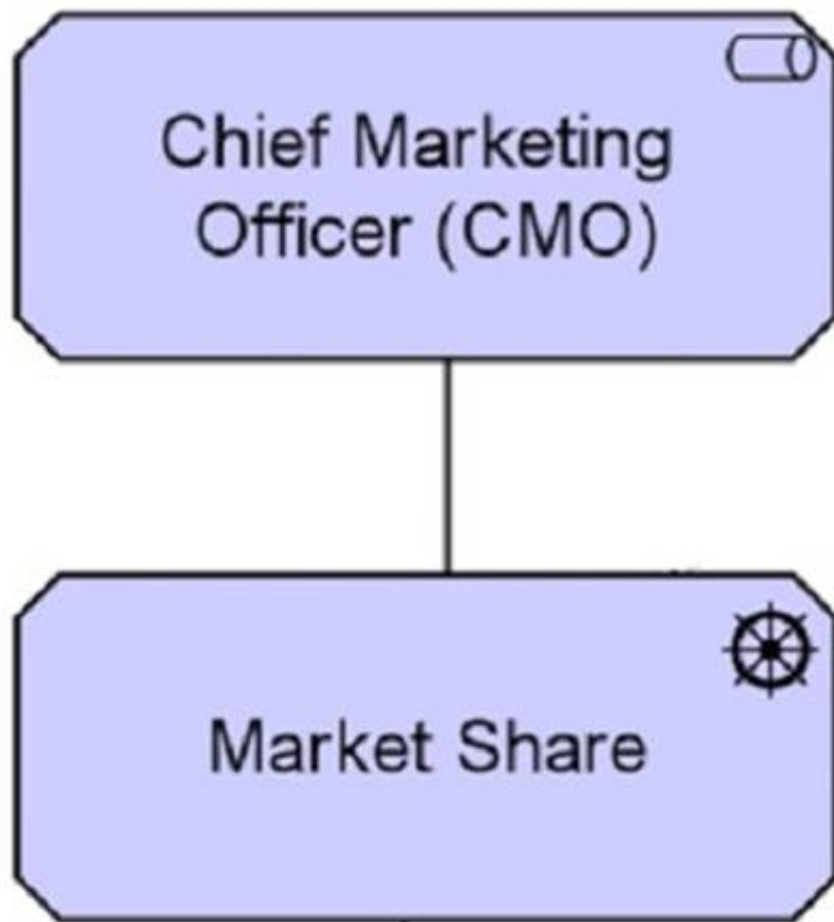


- A. The goal 'Reduce Expense Ratio from 13% to 11%' must be achieved before any of the other three goals is achieved-
- B. The goal 'Reduce Expense Ratio from 13% to 11%' will be achieved if at least one of the other three goals is achieved
- C. The goal 'Reduce Expense Ratio from 13% to 11%' is similar to the three other goals.
- D. The goal 'Reduce Expense Ratio from 13% to 11%' is decomposed into three other goals.

Answer: D

NEW QUESTION 4

Consider the following diagram:



What element is used to represent the Chief Marketing Officer in this diagram?

- A. Role
- B. Actor
- C. Business Actor
- D. Stakeholder

Answer: C

NEW QUESTION 5

Which statement describes how the Capability element is used?

- A. To represent an asset owned by an organization
- B. To represent what an enterprise has decided to do.
- C. To represent the relative worth, utility, or importance of a core element.
- D. To represent the ability that an active structure element possesses

Answer: D

NEW QUESTION 6

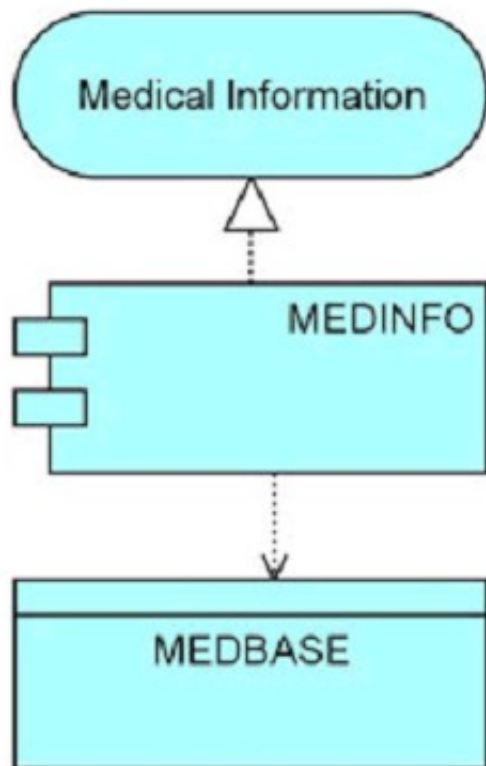
What physical element is used to model buildings that have an important role in production processes?

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

Answer: A

NEW QUESTION 7

Consider the following diagram showing a system used for settling injury claims:



Which answer correctly describes this diagram?

- A. The MEDINFO application realizes the Medical Information service, and accesses a data object called MEDBASE-
- B. The MEDINFO application serves the Medical Information department, and accesses a data object called MEDBASE_
- C. The Medical Information application uses a back-end module called MEDINFO to access a data object called MEDBASE.
- D. The MED8ASE application uses MEDINFO middleware to present the Medical Information user interface.

Answer: A

NEW QUESTION 8

What aspect in the ArchiMate Core Framework represents elements such as business roles, and system software?

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

Answer: C

NEW QUESTION 9

What element types are defined in the top-level hierarchical structure of the language?

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

Answer: A

NEW QUESTION 10

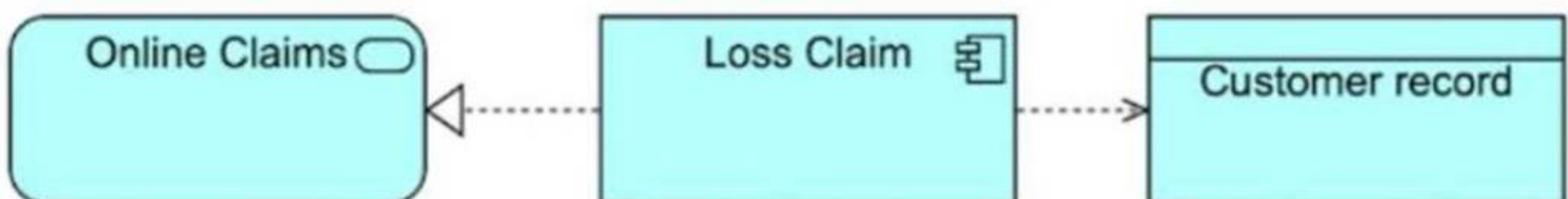
What relationship is allowed from a technology function to an application function?

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

Answer: A

NEW QUESTION 10

Consider the diagram showing a system used for settling car insurance claims:



(A diagram showing Online Claims connected to Loss Claim, which in turn accesses Customer Record.)

Which answer correctly describes this diagram?

- A. The Loss Claim application serves the Online Claims department and accesses a data object called Customer Record.
- B. The Online Claims application uses a back-end module called Loss Claim to access a data object called Customer Record.
- C. The Loss Claim application realizes the Online Claims service and accesses a Customer Record data object.

D. TheCustomer Record applicationusesLoss Claim middlewareto present theOnline Claims user interface.

Answer: B

NEW QUESTION 11

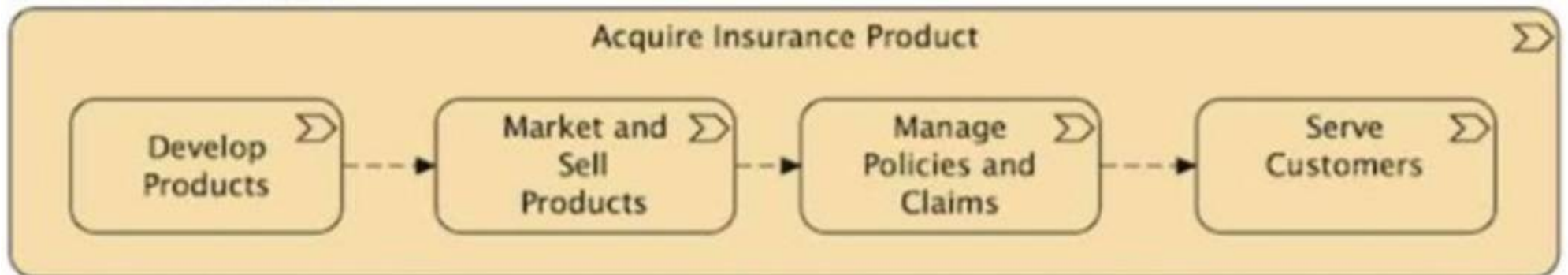
What are the types of elements defined in the top-level language structure of the ArchiMate concepts?

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

Answer: C

NEW QUESTION 16

Consider the diagram:



(A diagram showing "Acquire Insurance Product" decomposed intoDevelop Products, Market and Sell Products, Manage Policies and Claims, and Serve Customers.)

Which of the following describes the diagram?

- A. A set of processes for acquiring insurance products.
- B. A sequence of capabilities for acquiring insurance products.
- C. A value stream for acquiring insurance products.
- D. A decomposition of the course of action for acquiring insurance products.

Answer: C

NEW QUESTION 18

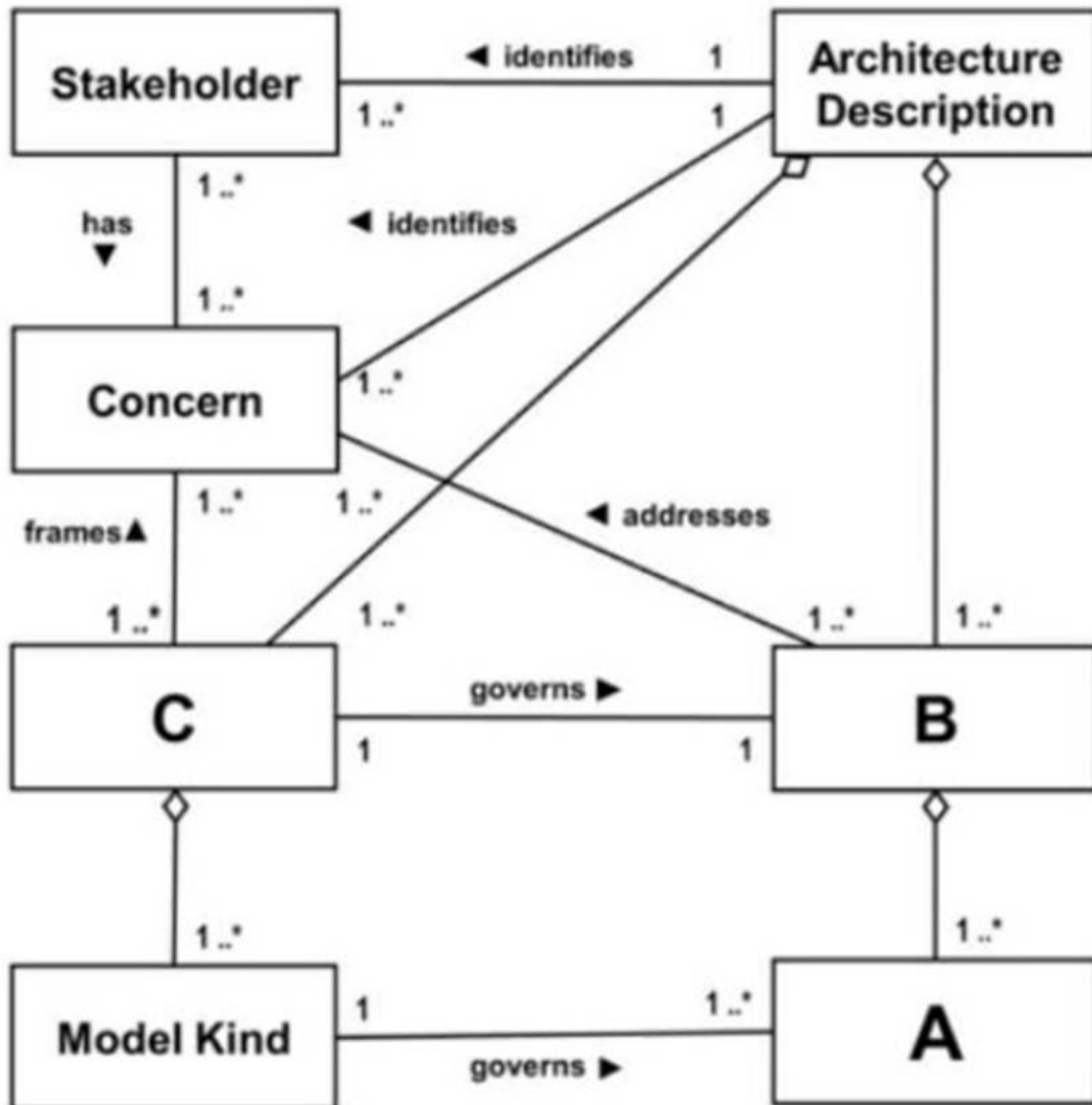
What is the purpose of a Relationship Connector in the ArchiMate language?

- 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 21

Consider the fragment of the conceptual model of anArchitecture Descriptionfrom ISO/IEC 42010:



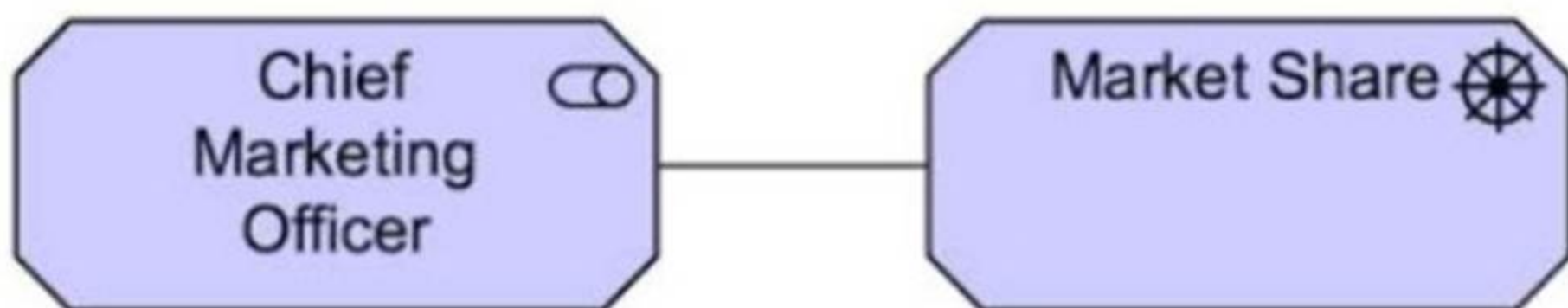
(A diagram showing relationships between Stakeholder, Concern, Architecture Description, Model Kind, and elements A & B.)
 Which answer correctly identifies A and B?

- 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

Answer: C

NEW QUESTION 24

Consider the diagram:



(A diagram showing Chief Marketing Officer connected to Market Share.) What element represents the Chief Marketing Officer?

- A. Business Actor
- B. Role
- C. Stakeholder
- D. Actor

Answer: C

NEW QUESTION 28

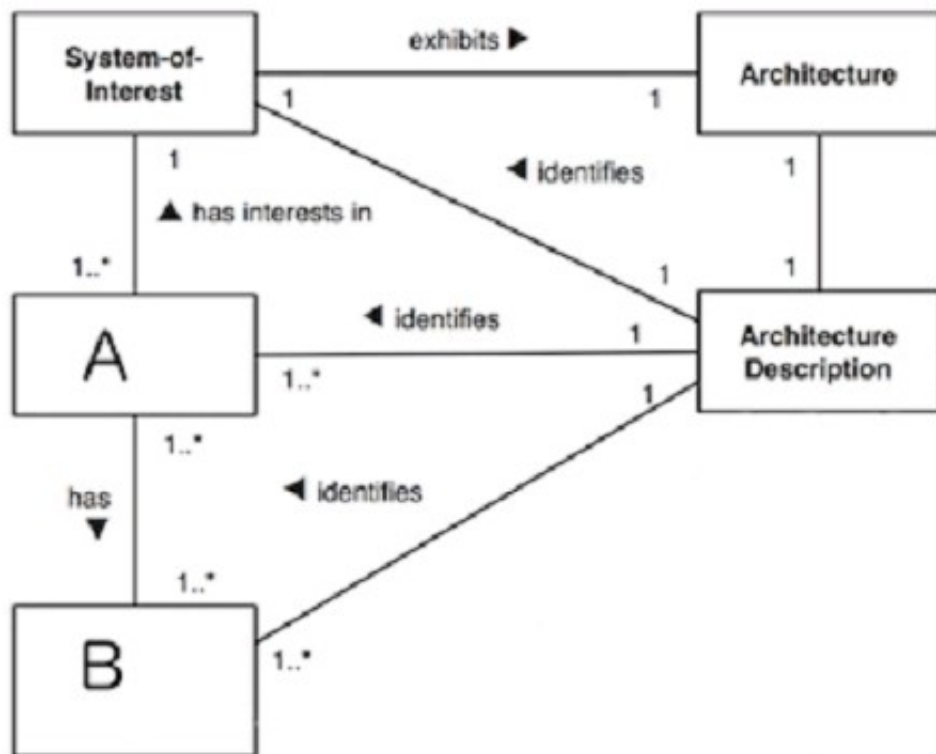
Complete the sentence. According to the top-level hierarchical structure of the ArchiMate Language, a model is considered to be _____.

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

Answer: A

NEW QUESTION 30

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



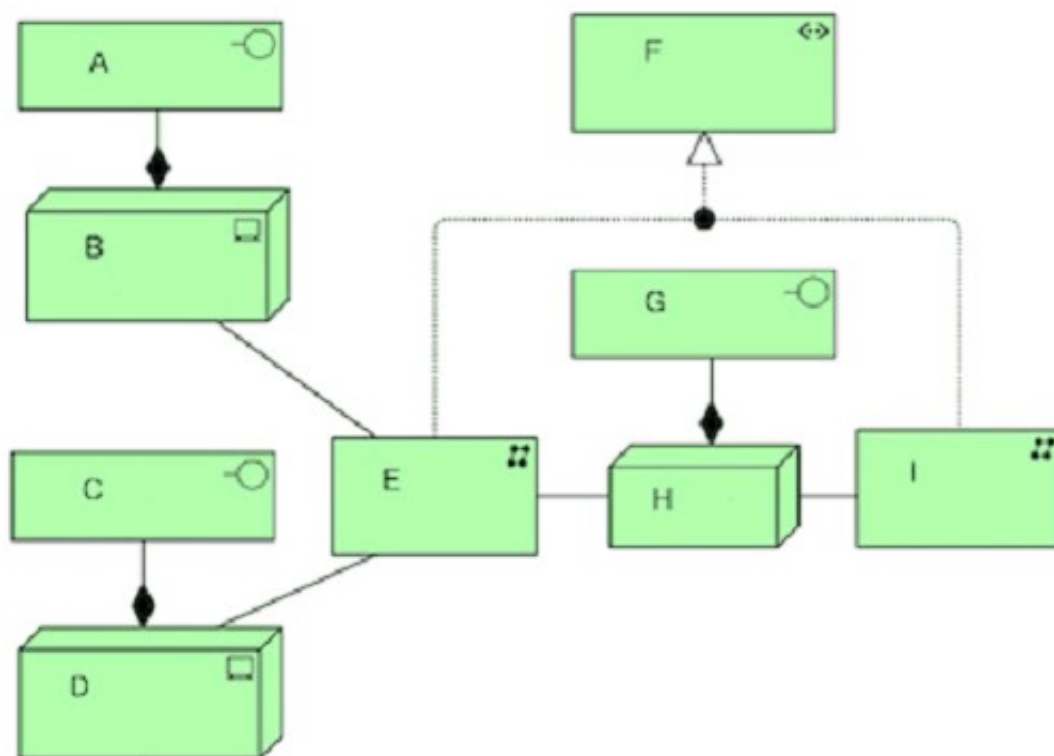
Which answer correctly identifies A and B?

- 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 35

Consider the following diagram:

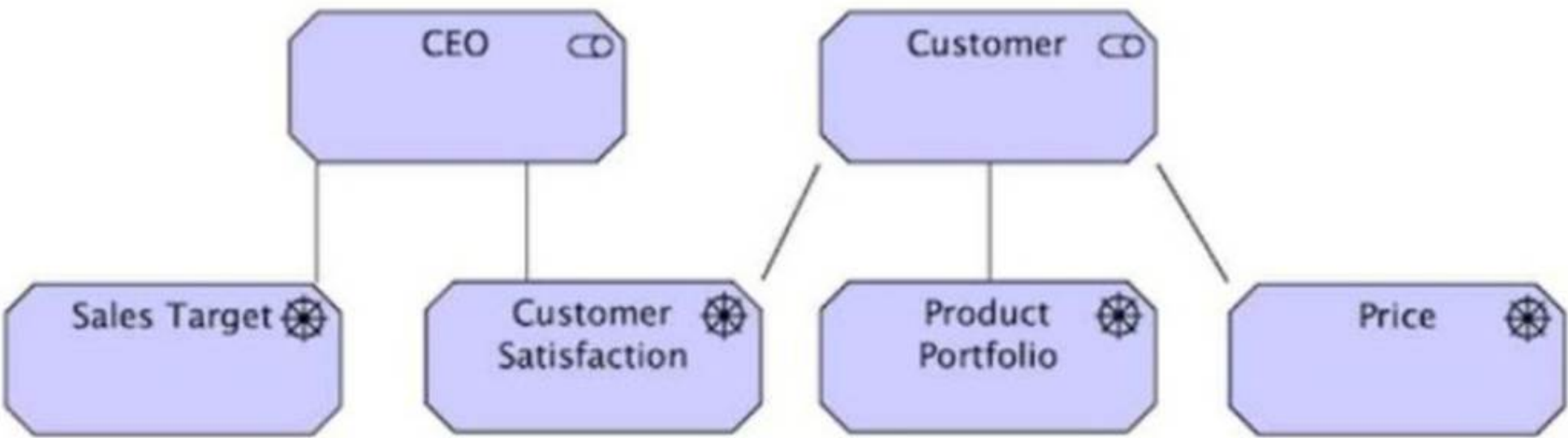


What correctly describes the elements E, F and I?

- A. The two communication networks E and I together realize a path F.
- B. Communication network E passes data from server B through the path F to communication network I.
- C. Technology collaboration F aggregates the two communication networks E and I.
- D. Users on servers B and D trigger data from communication network E to I through path F.

Answer: B

NEW QUESTION 39
 Consider the diagram:



(A diagram showing a CEO connected to Sales Target and Customer Satisfaction, while a Customer is connected to Product Portfolio and Price. Customer Satisfaction appears to be a shared concern.)
 Which of the following answers best interprets the diagram?

- A. Ensuring the Customer is satisfied is a constraint on the CEO achieving the sales target.
- B. Customer satisfaction is a shared concern of the CEO and Customer.
- C. The CEO has the goal to provide customer satisfaction to the Customer.
- D. The CEO has a requirement to provide customer satisfaction.

Answer: B

NEW QUESTION 44

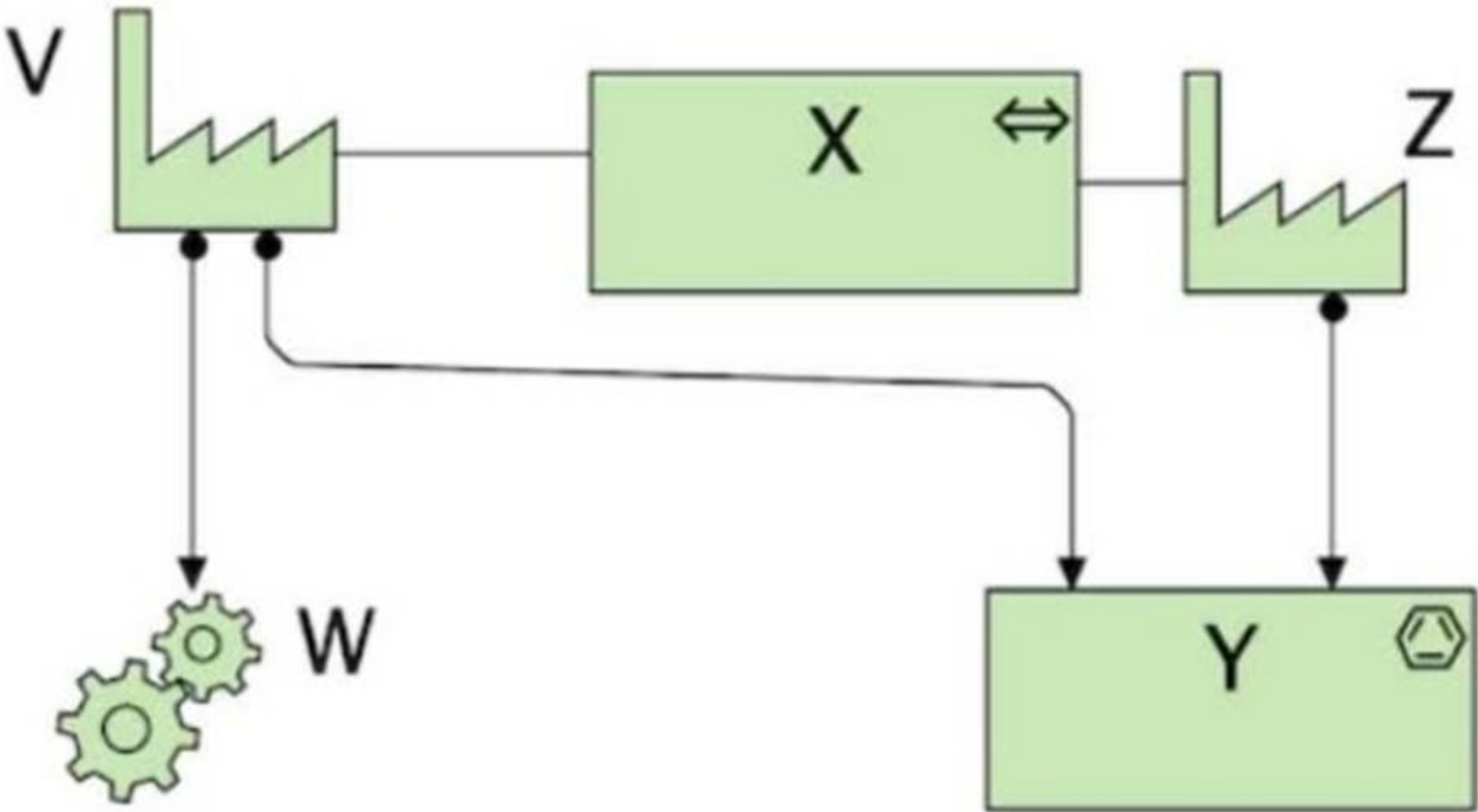
Complete the sentence. In the Technology Layer metamodel, a communication network a path _____

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

Answer: A

NEW QUESTION 45

Consider the diagram:



(A diagram showing V, W, X, and Y where:
 ? V has a factory-like symbol.
 ? W has a gear-like symbol.
 ? X is connected to Y, which has a transportation-related symbol.)
 What are elements V, W, and X?

- A. V = Production process, W = Finished Material, X = Transport network
- B. V = Equipment, W = Facility, X = Distribution channel
- C. V = Facility, W = Equipment, X = Distribution network

D. V = Factory, W = Raw material, X = Transportation

Answer: D

NEW QUESTION 47

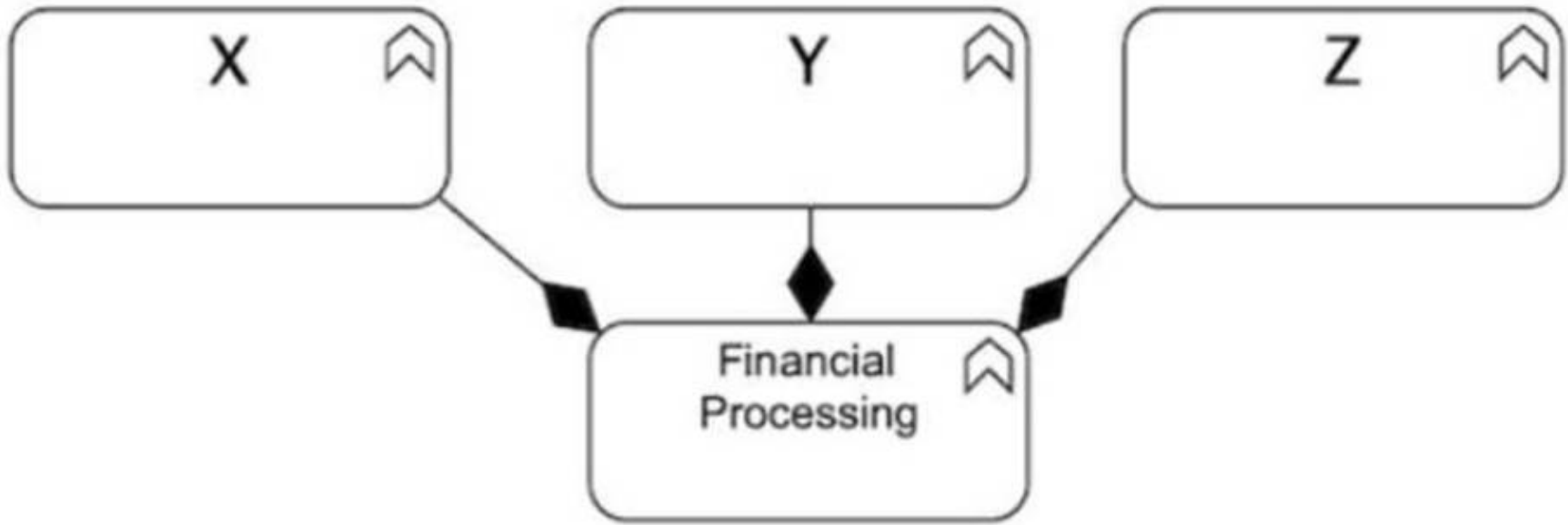
Which of the following is a composite element?

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

Answer: A

NEW QUESTION 50

Consider the diagram:



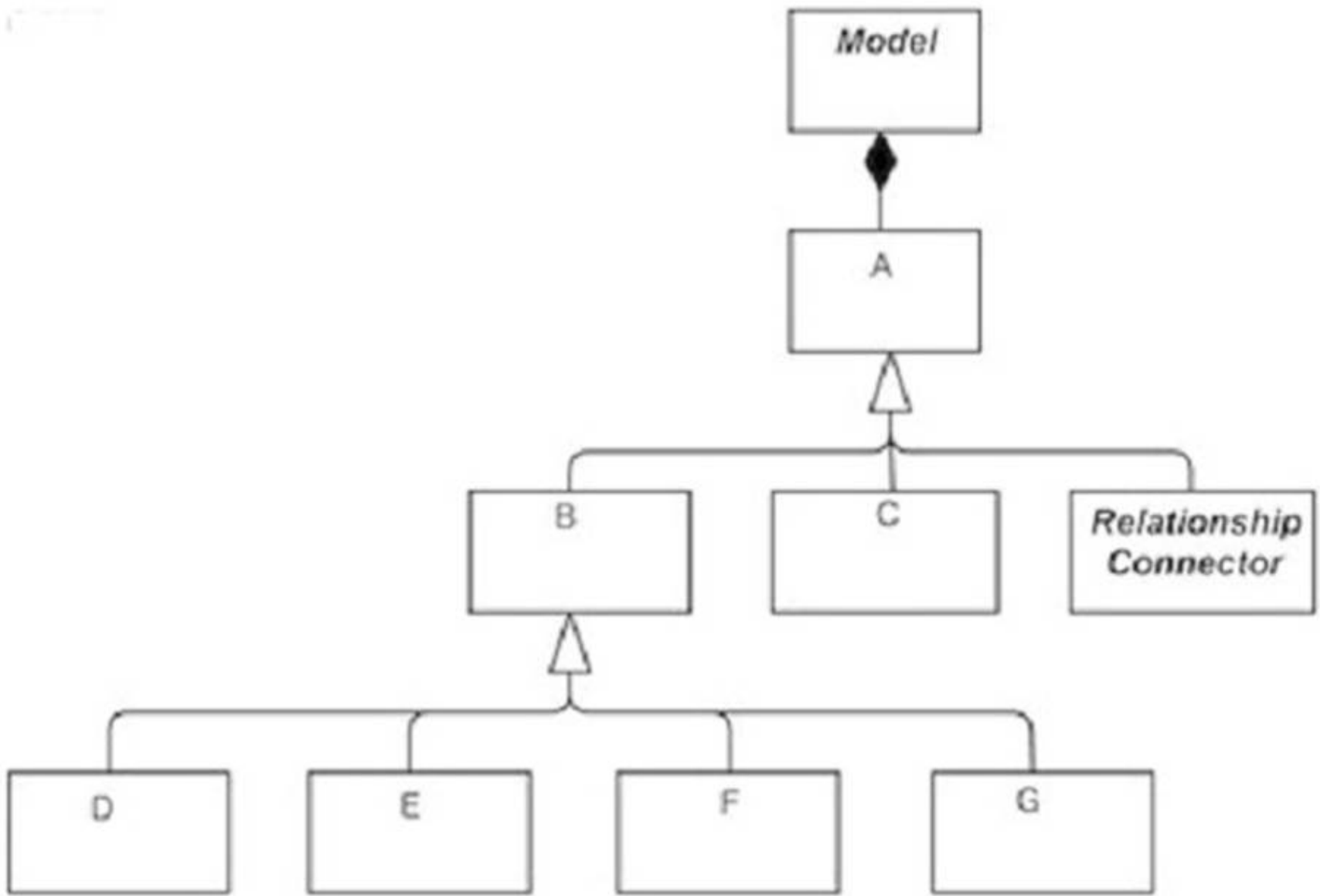
(A diagram showing X, Y, and Z connected to Financial Processing using black diamonds.) Which of the following is the correct description of the diagram?

- 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 54

Consider the top-level hierarchical structure of the ArchiMate Language shown below:



What do A and B denote?

- A. A=Element, B=Core Element
- B. A=Element, B=Relationship
- C. A-Concept, B-Element
- D. A-Metamodel, B-Event

Answer: C

NEW QUESTION 58

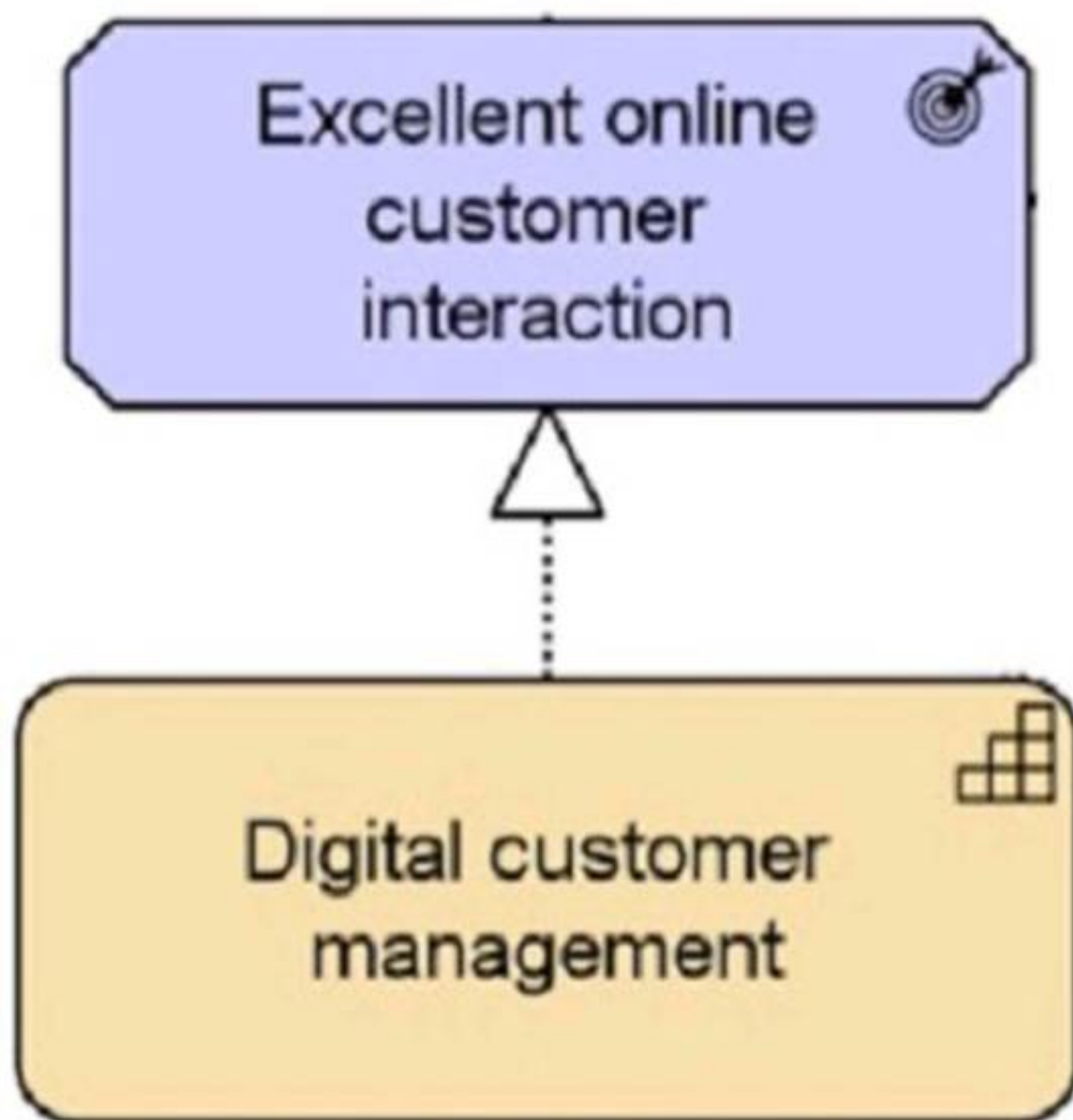
Which of the following defines abstractions for sets of models aimed at a particular type of stakeholder?

- A. Architecture viewpoints
- B. Model kinds
- C. Architecture descriptions
- D. Architecture views

Answer: A

NEW QUESTION 63

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 68

In the Implementation & Migration elements metamodel, which is the only element that models behavior?

- A. Gap
- B. Plateau
- C. Work Package
- D. Deliverable

Answer: C

NEW QUESTION 73

What relationships are permitted between capabilities and requirements?

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

Answer: B

NEW QUESTION 74

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