



The-Open-Group

Exam Questions OGA-031

ArchiMate 3 Part 1 Exam

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NEW QUESTION 1

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

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

Answer: C

NEW QUESTION 2

Consider the following entities:

- ? A business partner
 - ? A software application for software sales
 - ? Server hardware used to host business applications
- What ArchiMate aspect describes these entities?

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

Answer: B

NEW QUESTION 3

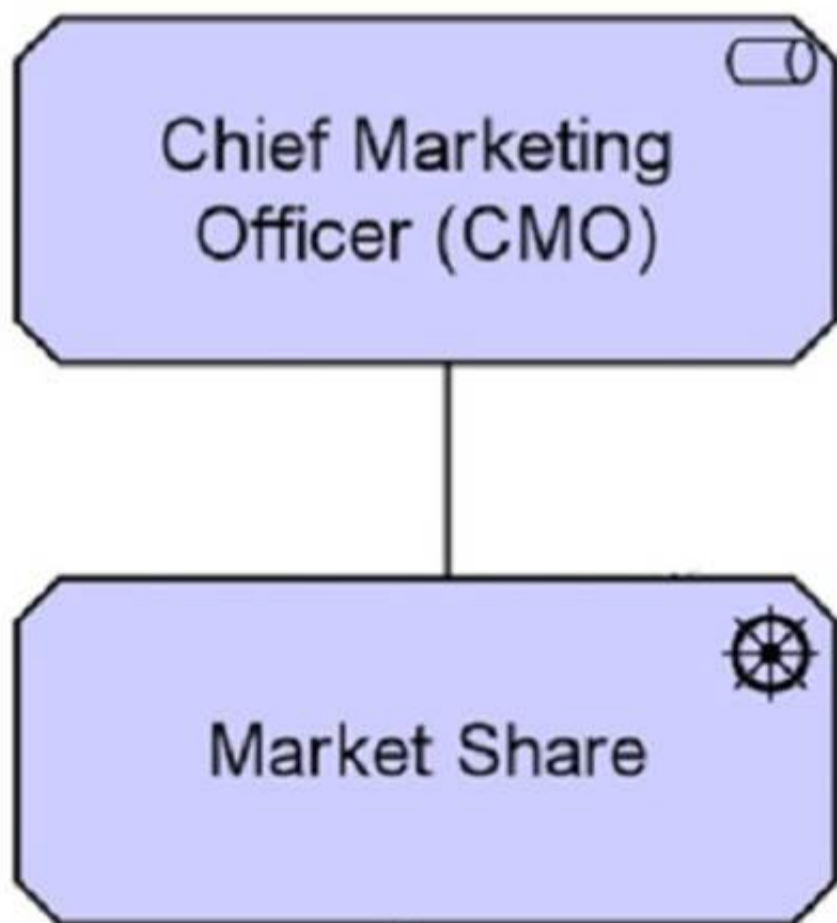
What relationships are permitted between capabilities and requirements?

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

Answer: C

NEW QUESTION 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

In the Business Layer metamodel, what type of element is assigned to a Business Service?

- A. Business Process

- B. Business Actor
- C. Business Interface
- D. Business Event

Answer: C

NEW QUESTION 6

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 7

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

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

Answer: B

NEW QUESTION 8

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 9

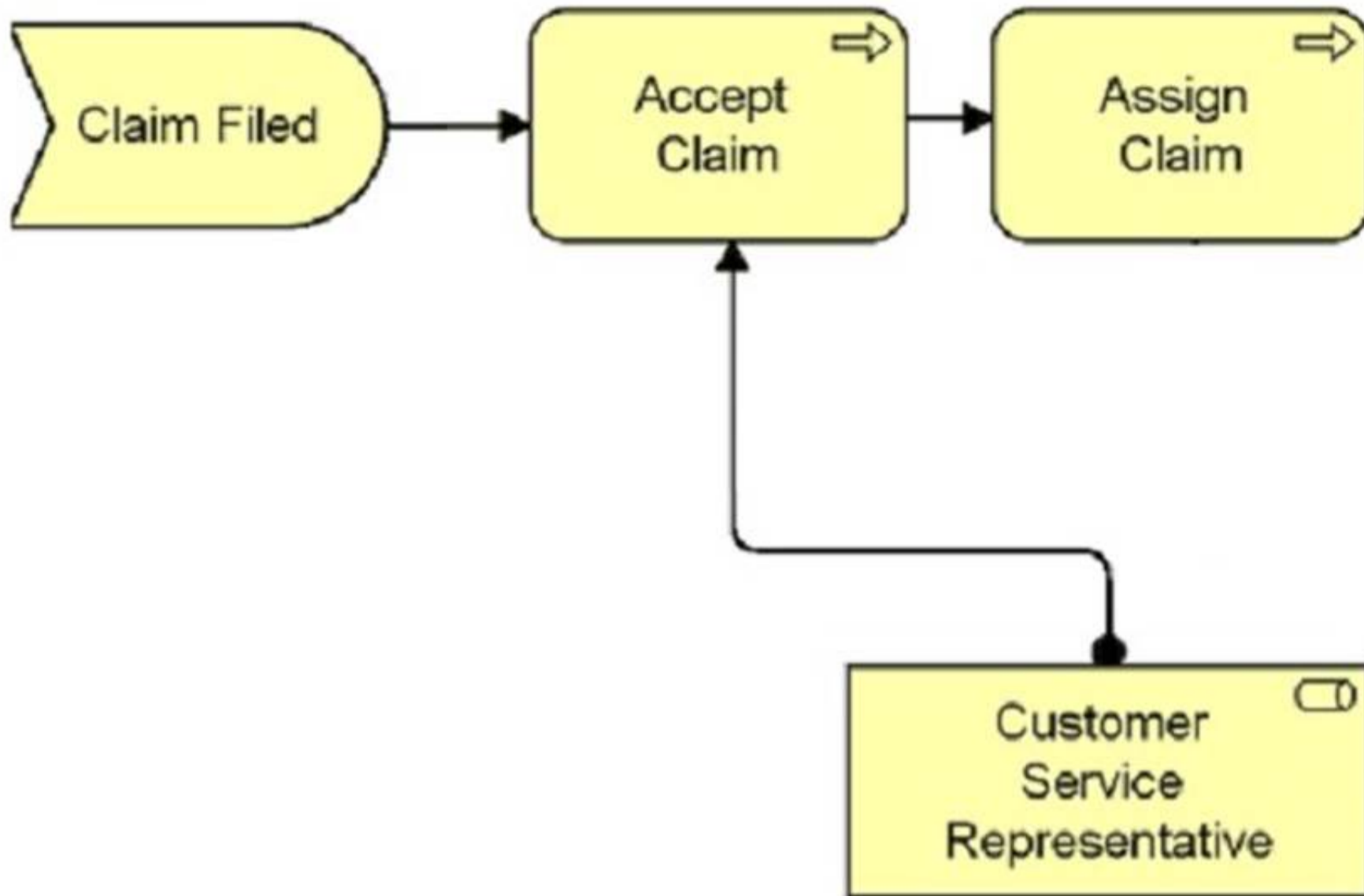
What element types are defined in the top-level hierarchical structure of the language?

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

Answer: A

NEW QUESTION 10

Consider the following diagram which shows part of the ArchiSurance Claims Administration:



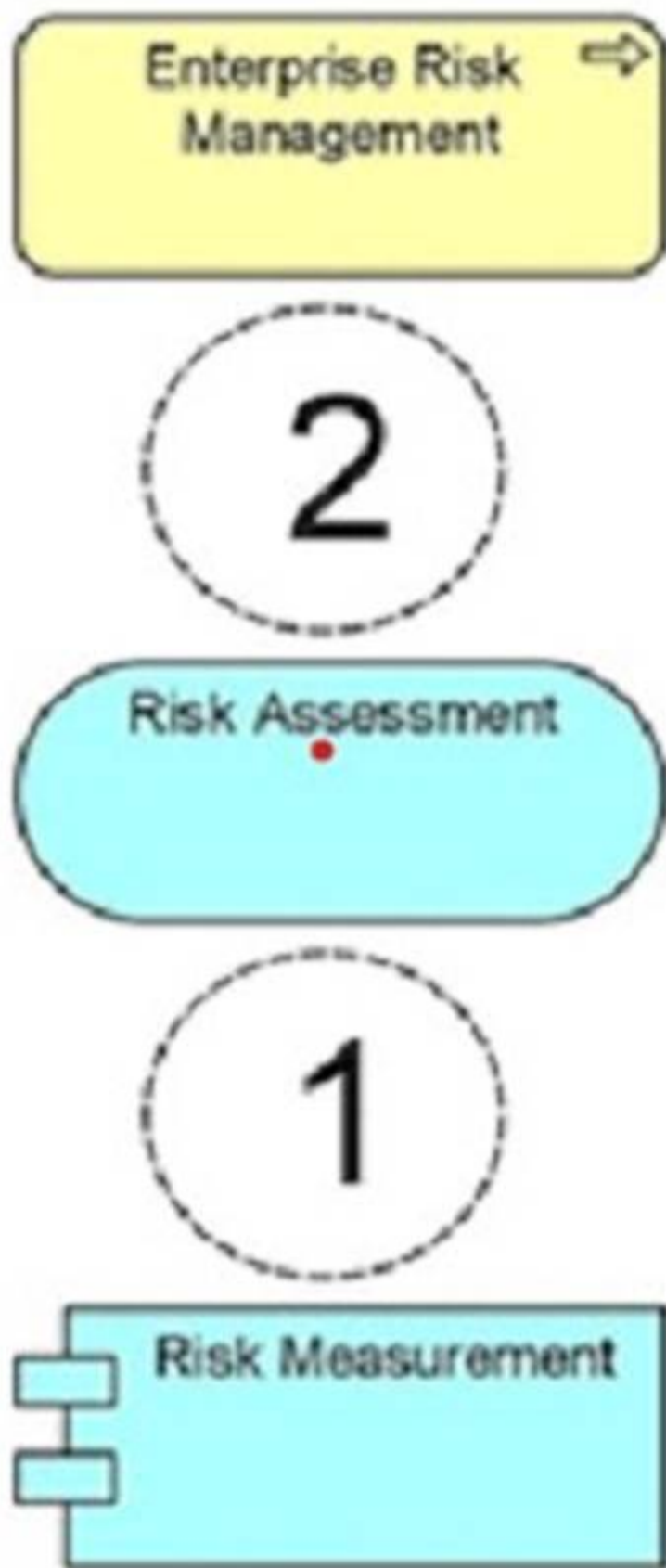
Which of the following correctly describes this diagram?

- A. The event Claim Filed triggers the Accept Claim process which is serviced by the Customer Service Representative role before the Assign Claim process.
- B. The Claim Filed event assigns the Customer Service Representative to participate in the Accept Claim and Assign Claim processing.
- C. The information that flows from Claim Filed to Accept Claim and then to Assign Claim is reviewed by the Customer Service Representative role.
- D. Business event Claim Filed triggers a business process Accept Claim which in turn triggers an Assign Claim process.

Answer: D

NEW QUESTION 10

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 14

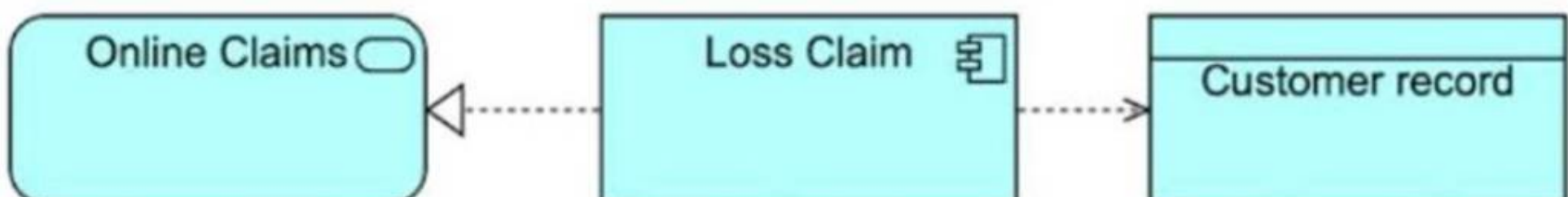
What relationship is allowed from a technology function to an application function?

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

Answer: A

NEW QUESTION 19

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.)

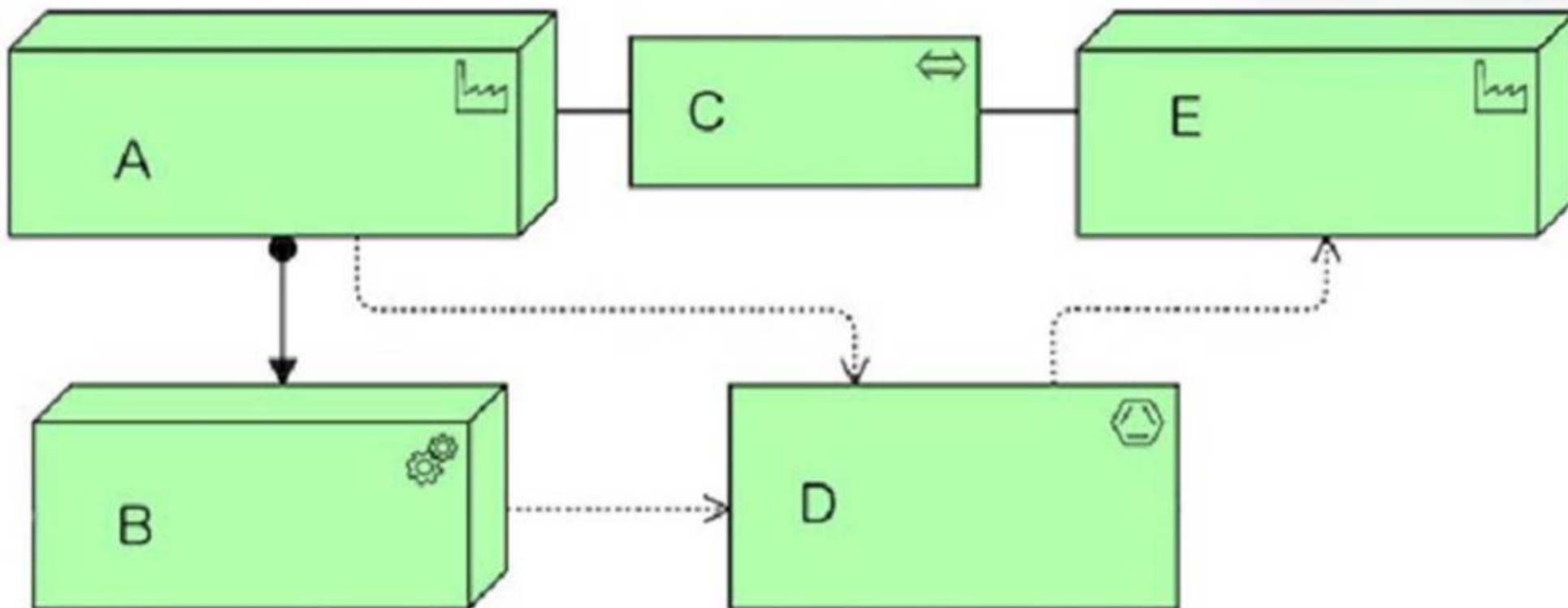
Which answer correctly describes this diagram?

- 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. The Customer Record application uses Loss Claim middleware to present the Online Claims user interface.

Answer: B

NEW QUESTION 23

Consider the following diagram:



What are elements A, B, and C?

- A. A=Product in process, B=Finished Material, C=Transport network
- B. A—Factory B=Raw material, C=Transportation
- C. A=Facility, Equipment, C=Distribution network
- D. A=Equipment, B:Facility, C=Distribution channel

Answer: D

NEW QUESTION 27

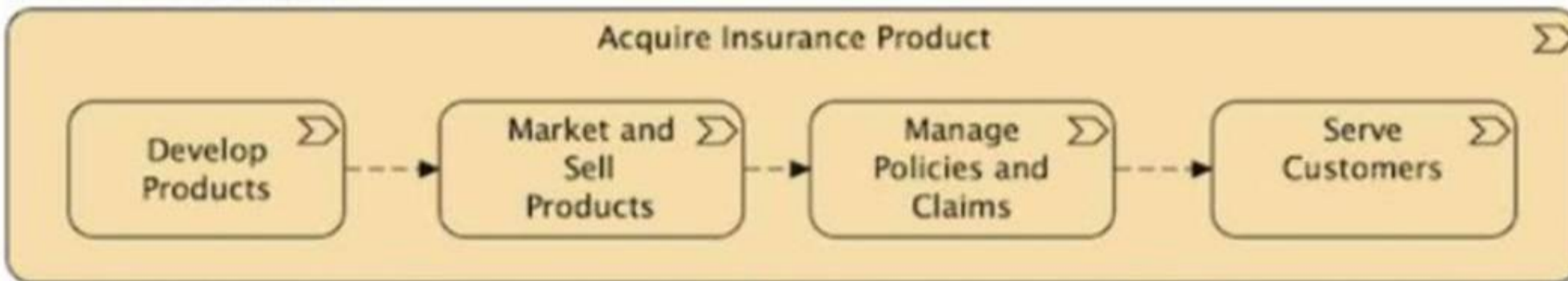
What are the types of elements defined in the top-level language structure of the ArchiMate concepts?

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

Answer: C

NEW QUESTION 31

Consider the diagram:



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

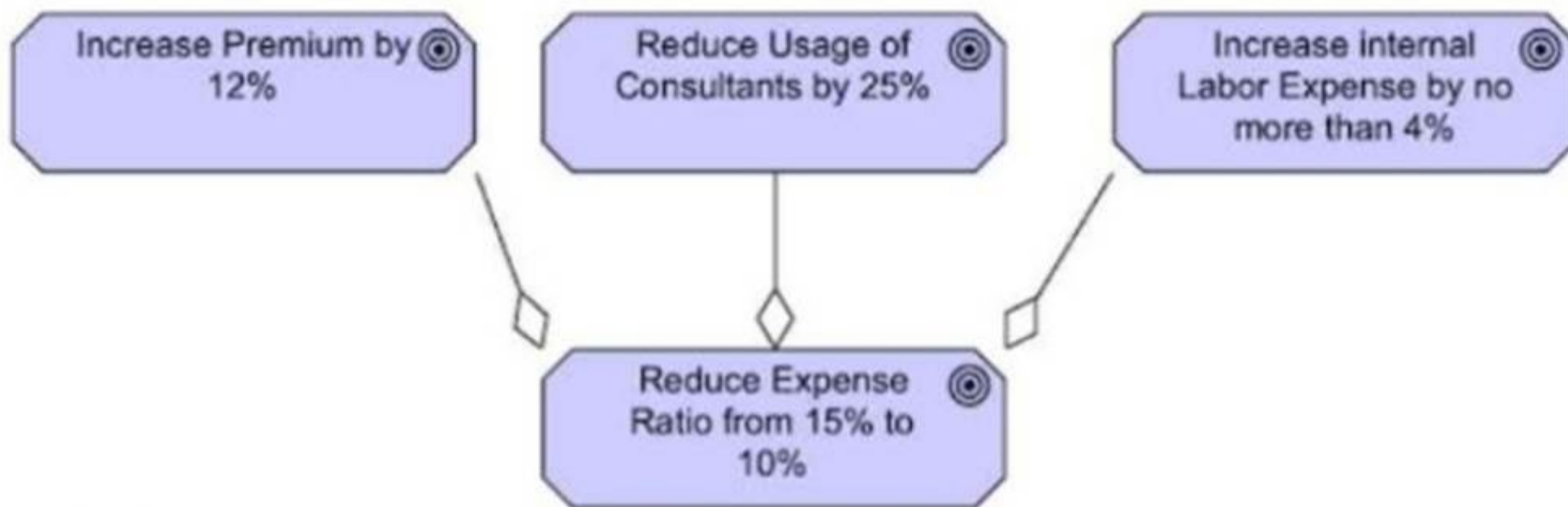
Which of the following describes the diagram?

- 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 32

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 33

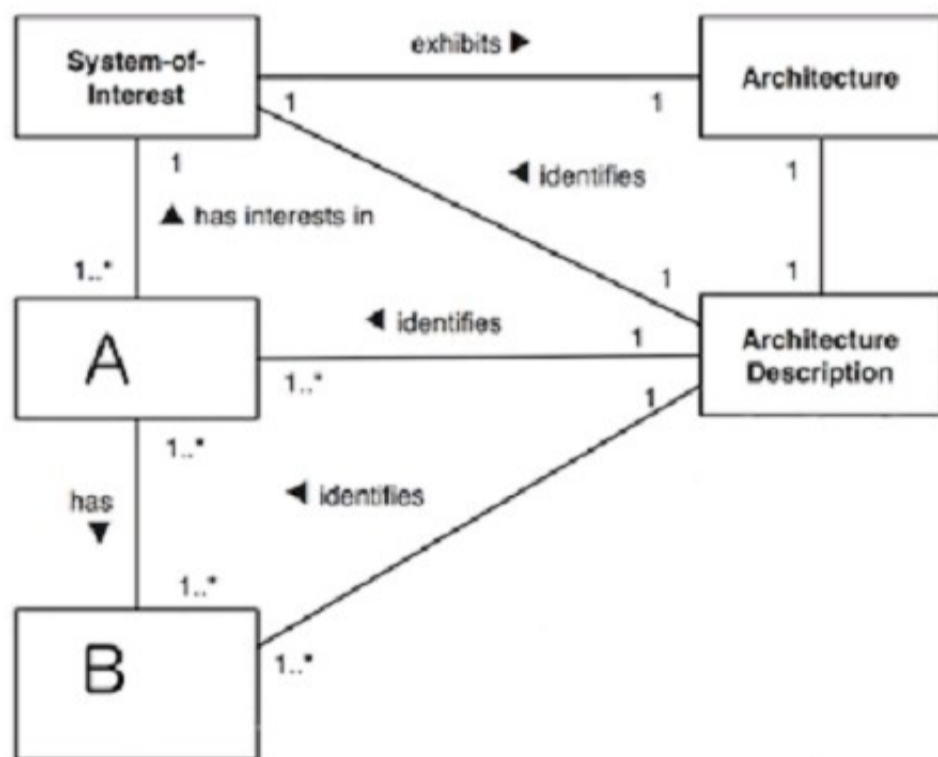
What relationship is allowed from a technology function to an application function?

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

Answer: A

NEW QUESTION 38

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



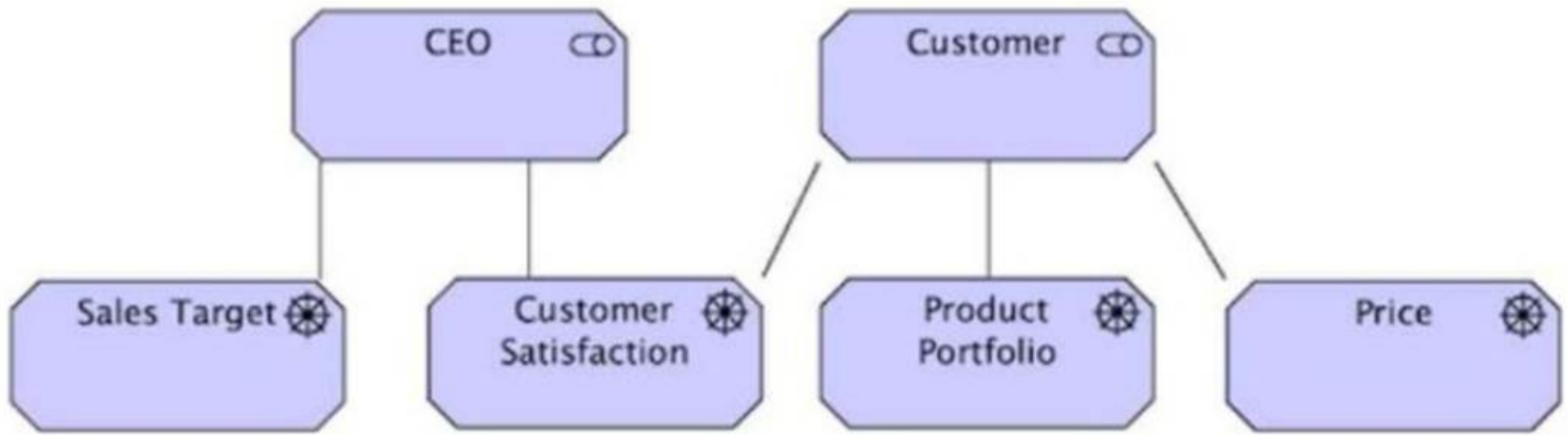
Which answer correctly identifies A and B?

- 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 42

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.)

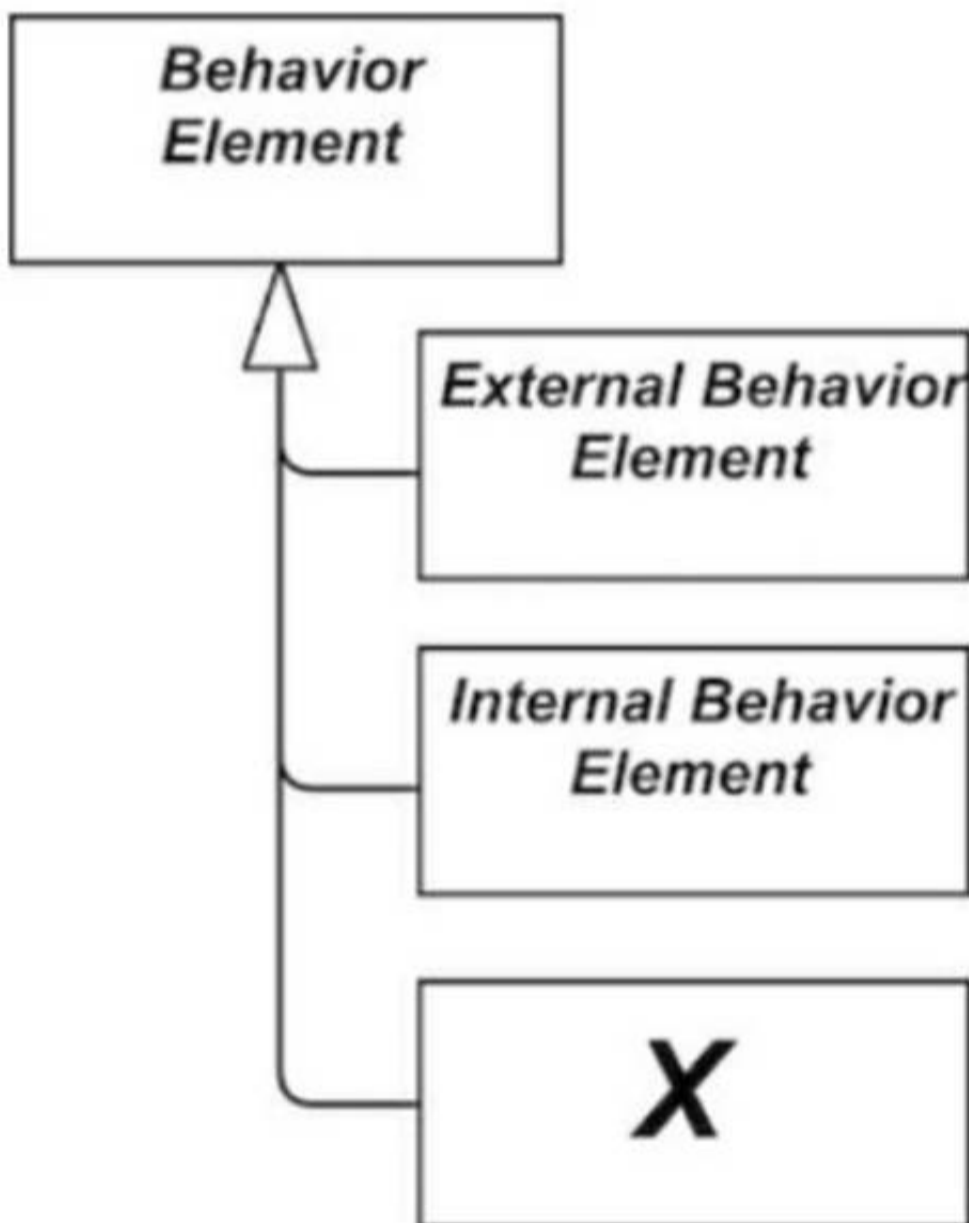
Which of the following answers best interprets the diagram?

- 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 46

Consider the metamodel fragment shown. What is the element marked X?

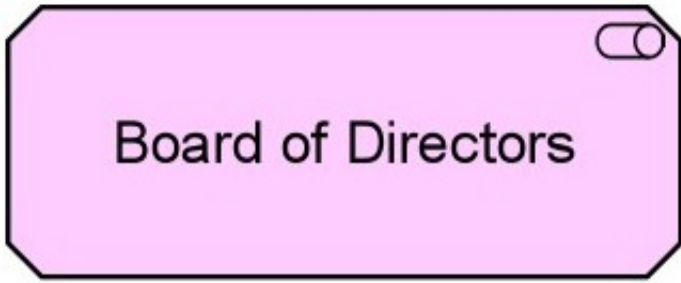


- A. Function
- B. Service
- C. Interface
- D. Event

Answer: D

NEW QUESTION 49

Consider the following symbol, which represents information about a transformation project at ArchiSurance involving systems and business processes:



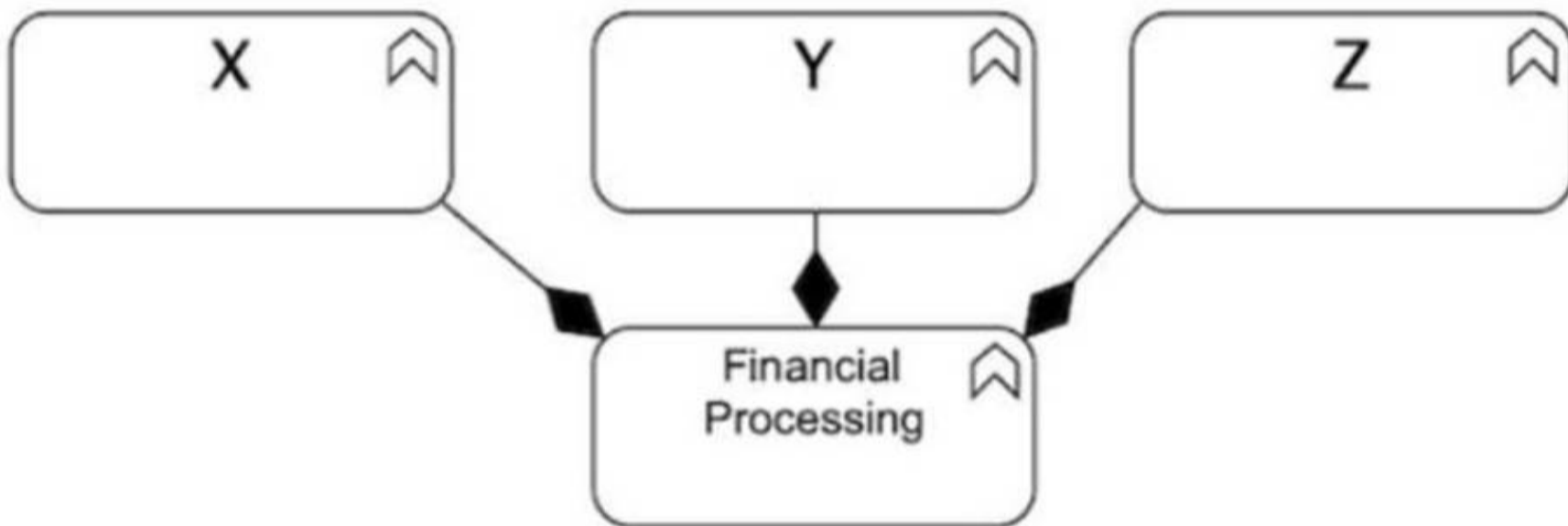
Which of the following statements correctly expresses the meaning of the symbol?

- A. The Board of Directors will use the transformed systems
- B. The Board of Directors has a business role in the project
- C. The transformed systems will store information of interest to the Board of Directors
- D. The Board of Directors has concerns about the project

Answer: D

NEW QUESTION 51

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 52

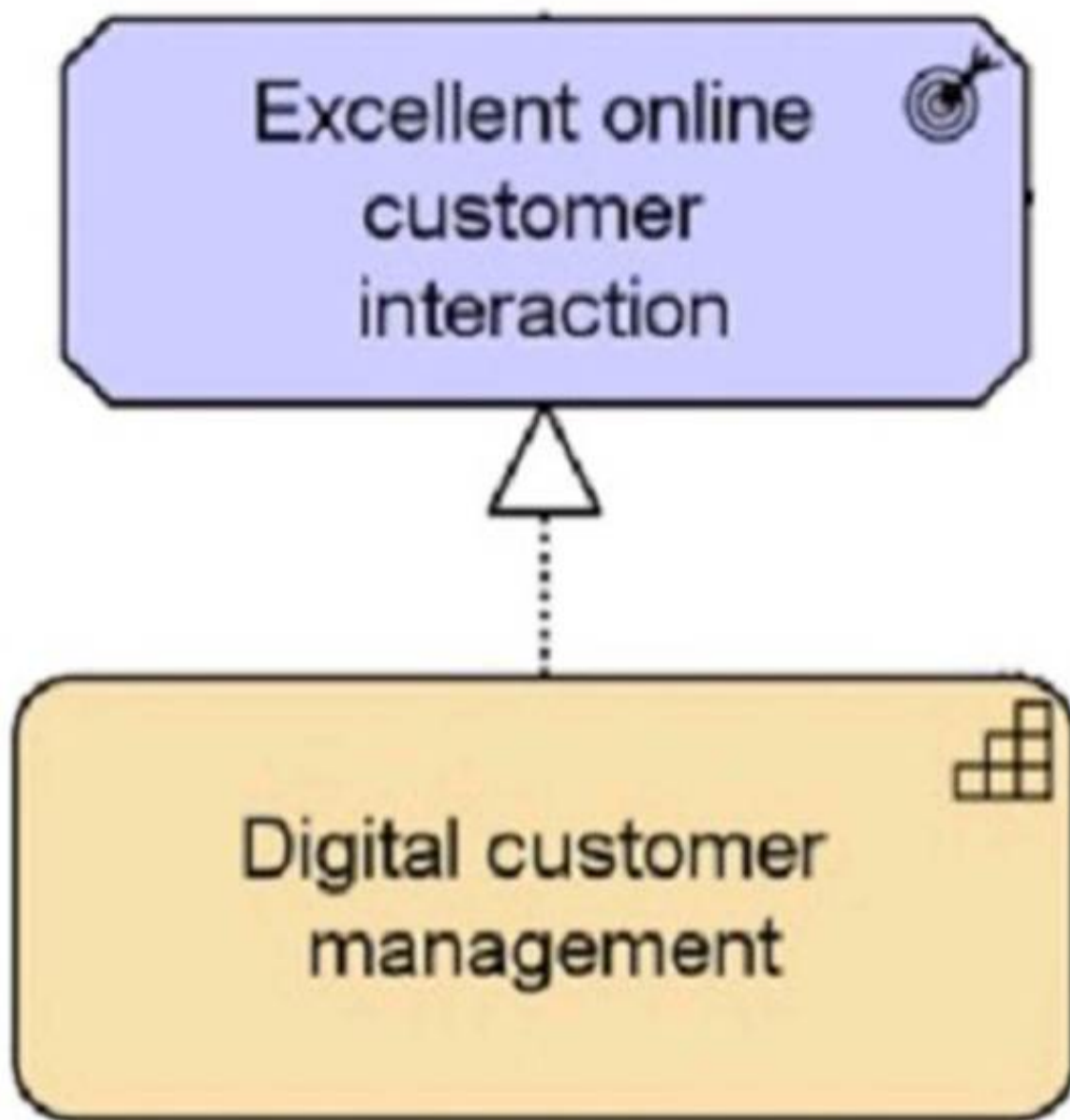
Which of the following is a Passive Structure Element?

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

Answer: D

NEW QUESTION 53

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 55

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