

ArchiMate 3 Part 2 Exam

The Open Group OGA-032

Version Demo

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QUESTION NO: 1

Please read this scenario prior to answering the question

ArchiCar's procurement department uses a Supplier Onboarding application component. The component contains functions for registering suppliers, validating tax information, and approving supplier records. These functions are internal behavior of the component and are not independently exposed to other applications.

The architecture team needs to show the internal application behavior while preserving the component boundary.

Which of the following modeling approach is most appropriate?

- A. Model the behavior as application services assigned to the component
- B. Model the behavior as application functions assigned to the component
- C. Model the behavior as business processes assigned to the component
- D. Model the behavior as application interfaces assigned to the component

ANSWER: B

Explanation:

The registration, validation, and approval behavior should be modeled as application functions and assigned to the Supplier Onboarding application component. An application function describes automated behavior that can be performed by an application component, and assignment expresses that the component performs the behavior.

An application service is externally visible behavior exposed to users or other applications, which the scenario explicitly excludes. A business process represents business-layer behavior, and an application interface is a point of access through which application services are exposed rather than the internal behavior itself.

QUESTION NO: 2

Please read this scenario prior to answering the question

The ArchiSurance Board has established a statement that all customer-facing solutions must be designed to provide understandable explanations for automated decisions. The statement is intended to guide architecture and solution design across multiple transformation initiatives. One initiative has derived a specific requirement that its claims portal must display the reasons for a declined claim before the customer submits an appeal.

The enterprise architect must distinguish the broad normative statement from the implementation-specific need derived from it.

Which ArchiMate element should be used for the Board's statement?

- A. A Requirement
- B. A Constraint
- C. A Goal
- D. A Principle

ANSWER: D

Explanation:

The Board's statement should be modeled as a Principle. A principle is a normative property or guideline that guides the design of architecture and solutions. It can lead to more specific requirements in individual initiatives.

The claims-portal statement is a Requirement because it is a specific statement of need that can be fulfilled by the solution. A Constraint restricts the way in which a system is realized, while a Goal expresses an intended end state rather than the guiding rule stated by the Board.

QUESTION NO: 3

Please read this scenario prior to answering the question

ArchiCar has been a market leader in the premium priced luxury car sector for the last decade. Its product leadership strategy has brought superior products to market, and enabled ArchiCar to achieve premium prices for its cars. This strategy has

been widely successful in the past, but recently competitors have been offering comparable products and taking significant market share. The governing board of ArchiCar has identified opportunities in emerging markets where the ArchiCar brand

is associated with luxury and high performance products, but is thought to be too expensive for mass-market success. Based on this assessment, the board has made the decision to setup a subsidiary company to mass-produce affordable cars

locally. This will be achieved by focusing on a strategy of operational excellence. Such a strategy is ideal for such markets where customers value cost over other factors.

To facilitate this strategic transformation, the project has been divided into multiple phases within a five-year program. The initial phase, known as "Achieving Operational Excellence," is underway. The engineering team has begun devising an

action plan to drive the necessary changes and outlining the technological conditions that must be met. The product architect has identified three current capabilities - industry-leading engineering, high-quality materials sourcing, and cutting-edge

focussed R&D - along with their contributions to the new production philosophy.

Moving forward, it has been determined that two out of the three current capabilities require revision. Materials sourcing needs to be adjusted to meet optimization demands, and R&D targets must align with future goals to enable affordable

production. Additionally, process engineering is introduced as a fourth capability to shift the company's focus from products to a process-oriented approach.

The Enterprise Architecture team has been tasked with migration planning, and identifying key work packages and deliverables. They have identified two transition states between the current and future scenario. The first transition aims to adjust

current capabilities, including revising the R&D approach and procurement strategy. The second transition aims to shift from a product-centric mindset to a process-focused approach and adjust materials sourcing accordingly. It is important to

consider existing supplier contracts that cannot be immediately canceled during this process.

The Enterprise Architecture team has identified that the second transition must implement a process framework, in order to shift to a process focus and meet a number of requirements, including the requirement for end-to-end process thinking. As

this requirement impacts procurement processes, it also impacts the procurement strategy.

Refer to the Scenario

You have been asked to model parts of the overall scenario, including migration planning, the motivations driving the migration, and the work packages necessary to achieve the desired deliverables.

Which of the following answers best describes the scenario?

- A. A diagram of a process Description automatically generated
- B. A diagram of process flow Description automatically generated
- C. A diagram of a process Description automatically generated
- D. A diagram of a process Description automatically generated

ANSWER: B**Explanation:**

The diagram described as “A diagram of process flow Description automatically generated” correctly captures the required implementation and migration structure for ArchiCar’s transformation. It represents the two intermediate transition states as plateaus between the baseline and target architectures, which is appropriate because the change is explicitly planned as a staged five-year program rather than a direct move to the final operating model. The first plateau accommodates the revision of R&D targets and procurement strategy, while the second establishes the process-oriented operating approach, including the process framework needed for end-to-end process thinking.

It also correctly uses work packages to represent the planned bodies of work that realize these changes and deliverables to represent the outcomes produced by those work packages. This preserves the important dependency that the process framework supports the end-to-end process-thinking requirement and that this requirement affects procurement strategy. The model further permits the existing supplier contracts to be represented as a constraint influencing migration, rather than treating them as an immediate architecture change. These usages align with ArchiMate’s Implementation and Migration elements and relationships, particularly plateaus, work packages, deliverables, and gaps. See [The Open Group ArchiMate Specification, Implementation and Migration Layer](#) and [The Open Group ArchiMate Specification, Motivation Elements](#).