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Exam Questions OGEA-101

TOGAF Enterprise Architecture Part 1 Exam (English)



NEW QUESTION 1

Which phase of the ADM has the purpose to develop an Enterprise Architecture Capability?

- A. Phase G
- B. Preliminary Phase
- C. Phase A
- D. Phase B

Answer: B

Explanation:

According to the TOGAF Standard, 10th Edition, the Preliminary Phase of the Architecture Development Method (ADM) has the purpose to develop an Enterprise Architecture Capability 1. An Enterprise Architecture Capability is the ability of the organization to perform the activities and tasks related to Enterprise Architecture, such as defining the scope, principles, vision, governance, and stakeholders of the architecture. The Preliminary Phase also establishes the architecture framework, the architecture repository, the architecture tools, and the architecture team 1. The other options are not correct, as they have different purposes in the ADM. Phase G: Implementation Governance has the purpose to ensure that the implementation projects conform to the target architecture 2. Phase A: Architecture Vision has the purpose to define the scope, stakeholders, business drivers, and objectives of the architecture project 3. Phase B: Business Architecture has the purpose to describe the baseline and target business architecture, and to identify the gaps between them . References: 1: TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 6: Preliminary Phase. 2: TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 18: Phase G: Implementation Governance. 3: TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 12: Phase A: Architecture Vision. : TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 13: Phase B: Business Architecture.

NEW QUESTION 2

What is present in all phases within the ADM and should be identified, classified and mitigated before starting a transformation effort?

- A. Budgetary constraints
- B. Risk
- C. Schedule constraints
- D. Information gaps

Answer: B

Explanation:

According to the TOGAF Standard, 10th Edition, risk is present in all phases within the Architecture Development Method (ADM), and it should be identified, classified, and mitigated before starting a transformation effort 1. Risk is defined as ??the effect of uncertainty on objectives?? 2, and it can have positive or negative impacts on the architecture project. Risk management is a technique that helps to assess and address the potential risks that may affect the achievement of the architecture objectives, and to balance the trade-offs between opportunities and threats. Risk management is applied throughout the ADM cycle, from the Preliminary Phase to the Requirements Management Phase, and it is integrated with other techniques, such as stakeholder management, business transformation readiness assessment, gap analysis, and migration planning 1. The other options are not correct, as they are not present in all phases within the ADM, and they are not necessarily identified, classified, and mitigated before starting a transformation effort. Budgetary constraints are the limitations on the financial resources available for the architecture project, and they are usually considered in Phase E: Opportunities and Solutions, and Phase F: Migration Planning 3. Schedule constraints are the limitations on the time available for the architecture project, and they are also usually considered in Phase E and F 3. Information gaps are the missing or incomplete data or knowledge that may affect the architecture project, and they are usually identified in Phase B: Business Architecture, Phase C: Information Systems Architecture, and Phase D: Technology Architecture . References: 1: TOGAF Standard, 10th Edition, Part III: ADM Guidelines and Techniques, Chapter 32: Risk Management. 2: TOGAF Standard, 10th Edition, Part I: Introduction, Chapter 3: Definitions. 3: TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 16: Phase E: Opportunities and Solutions, and Chapter 17: PhaseF: Migration Planning. : TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 13: Phase B: Business Architecture, Chapter 14: Phase C: Information Systems Architecture, and Chapter 15: Phase D: Technology Architecture.

NEW QUESTION 3

What provides context for architecture work, by describing the needs and ways of working employed by the enterprise?

- A. Architecture Contracts
- B. Business principles business goals, and business drivers
- C. Strategy and vision
- D. Stakeholder needs

Answer: B

Explanation:

Business principles business goals, and business drivers provide context for architecture work, by describing the needs and ways of working employed by the enterprise. They define what the enterprise wants to achieve, how it wants to operate, and what factors influence its decisions and actions. Reference: The TOGAF® Standard | The Open Group Website, Section 3.2 Preliminary Phase.

NEW QUESTION 4

Which section of the TOGAF template for Architecture Principles should describe the relationship to other principles?

- A. Name
- B. Rationale
- C. Statement
- D. Implications

Answer: B

Explanation:

According to the TOGAF template for Architecture Principles, the Rationale section should describe the relationship to other principles, as well as the business benefits and the intentions of adhering to the principle. The Rationale section should use business terminology and point to the similarity of information and

technology principles to the principles governing business operations. The Rationale section should also explain how the principle supports the achievement of the business objectives and key architecture drivers. References:

- ? Architecture Principles Template
- ? The TOGAF Standard, Version 9.2 - Architecture Principles
- ? The Open Group Exam OGEA-103 Topic 1 Question 4 Discussion

NEW QUESTION 5

Complete the sentence A set of architecture principles that cover every situation perceived meets the recommended criteria of _____

- A. consistency
- B. robustness
- C. stability
- D. completeness

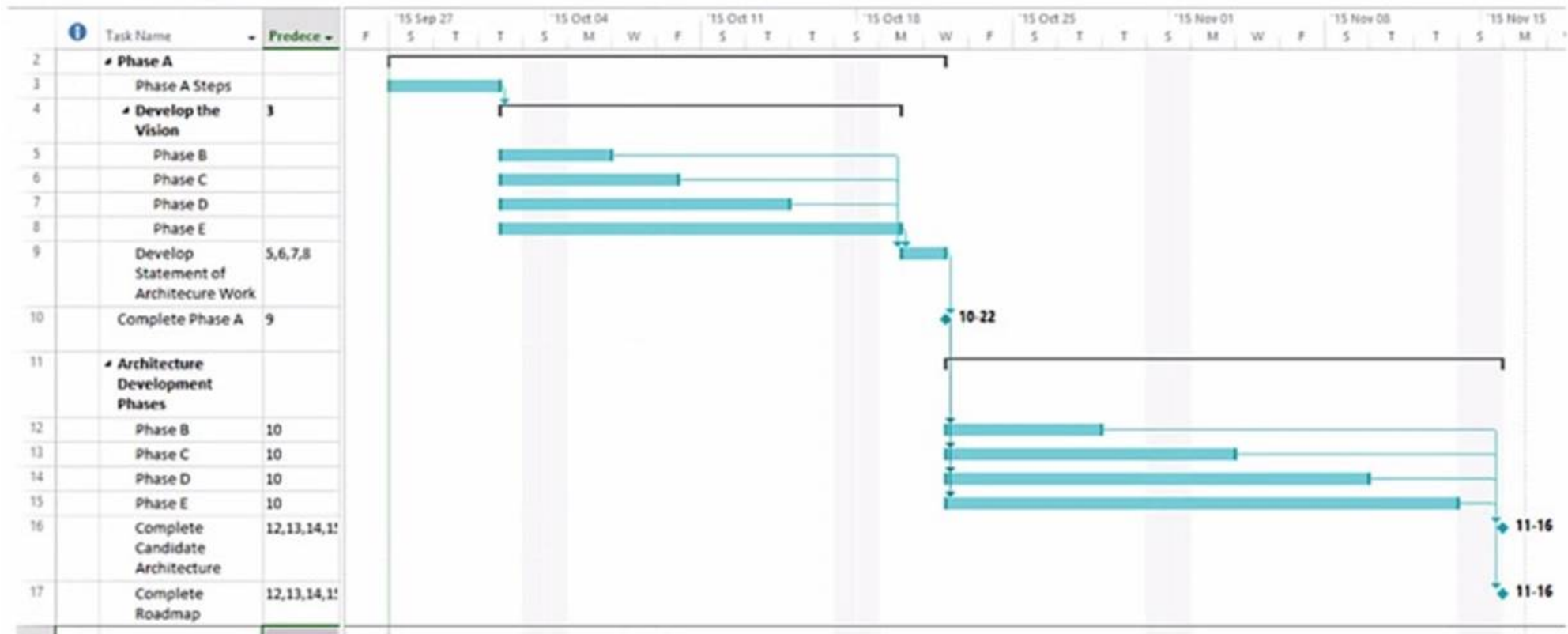
Answer: D

Explanation:

A set of architecture principles that cover every situation perceived meets the recommended criteria of completeness. Completeness is one of the six criteria that should be applied when developing or assessing architecture principles. Completeness means that there are no gaps or overlaps in the coverage of principles across all relevant aspects of the enterprise??s architecture. Reference: The TOGAF® Standard | The Open Group Website, Section 3.3.7 Architecture Principles.

NEW QUESTION 6

Consider the following chart:



Which important concept for Enterprise Architecture Practitioners does it illustrate?

- A. Enterprise Architects must use Gantt charts to communicate with Stakeholders.
- B. An Enterprise Architecture must be developed in phases with a limited fixed duration.
- C. ADM phases must be run in a sequenced approach to produce the Architecture.
- D. ADM phases must be run simultaneously until the relevant information has been produced.

Answer: C

Explanation:

The chart shown is a Gantt chart, which is commonly used for project management to illustrate a project schedule. In the context of TOGAF (The Open Group Architecture Framework), which is a framework for enterprise architecture, this Gantt chart is demonstrating the sequenced approach to the Architecture Development Method (ADM). The ADM is the core process of TOGAF which provides a tested and repeatable process for developing architectures. The ADM is described as being iterative, over the whole process, between phases, and within phases. For each iteration of the ADM, a fresh decision must be taken about each of the parameters (scope, granularity, time period, and architecture assets).

The ADM consists of a number of phases that have to be followed in sequence:

- ? Preliminary Phase: Framework and principles
- ? Phase A: Architecture Vision
- ? Phase B: Business Architecture
- ? Phase C: Information Systems Architectures, including Data and Application Architectures
- ? Phase D: Technology Architecture
- ? Phase E: Opportunities and Solutions
- ? Phase F: Migration Planning
- ? Phase G: Implementation Governance
- ? Phase H: Architecture Change Management
- ? Requirements Management

Each phase is dependent on the outputs of the previous phase and the Requirements Management phase runs throughout. The Gantt chart clearly shows the dependency and sequence in which these phases occur, implying that a structured approach is followed to produce the enterprise architecture.

References:

- ? The TOGAF Standard, Version 9.2, a standard of The Open Group
- ? The TOGAF documentation available at <https://publications.opengroup.org/standards/architecture> and <https://publications.opengroup.org/guides/architecture>

NEW QUESTION 7

Consider the following ADM phases objectives.

	Objective
1	Finalize the Architecture Roadmap and the supporting Implementation and Migration Plan
2	Ensure that the business value and cost of work packages and Transition Architectures is understood by key stakeholders
3	Define the overall Solution Building Blocks (SBBs) to finalize the Target Architecture based on the ABBs
4	Ensure conformance with the Target Architecture by implementation projects

Which phase does each objective match?

- A. 1F-2G-3F-4F
- B. 1E-2F-3E-4G
- C. 1G-2E-3F-4E
- D. 1F-2F-3E-4G

Answer: B

Explanation:

1E: To identify delivery vehicles (projects programs portfolios) that will deliver the Target Architecture 2F: To confirm readiness and ability to undergo change 3E: To determine whether an incremental approach is required and if so identify Transition Architectures that will deliver continuous business value 4G: To perform appropriate governance functions while the solution is being implemented
Reference: The TOGAF® Standard | The Open Group Website, Section 3.2 ADM Phases.

NEW QUESTION 8

What are the four architecture domains that the TOGAF standard deals with?

- A. Business, Data, Application, Technology
- B. Capability, Segment, Enterprise, Federated
- C. Baseline, Candidate, Transition, Target
- D. Application, Data, Information, Knowledge

Answer: A

Explanation:

The TOGAF standard divides Enterprise Architecture into four primary architecture domains: business, data, application, and technology. These domains represent different aspects of an enterprise and how they relate to each other. The business domain defines the business strategy, governance, organization, and key business processes. The data domain describes the structure of the logical and physical data assets and data management resources. The application domain provides a blueprint for the individual applications to be deployed, their interactions, and their relationships to the core business processes. The technology domain describes the logical software and hardware capabilities that are required to support the deployment of business, data, and application services. Other domains, such as motivation, security, or governance, may span across these four primary domains. References:

- ? The TOGAF Standard, Version 9.2 - Core Concepts
- ? Domains - The Open Group
- ? TOGAF® Standard — Introduction - Definitions - The Open Group
- ? The TOGAF Standard, Version 9.2 - Definitions - The Open Group
- ? TOGAF and the history of enterprise architecture | Enable Architect

NEW QUESTION 9

According to the TOGAF standard, what term describes an individual with an interest in a system?

- A. stakeholder
- B. consumer
- C. lead architect
- D. sponsor

Answer: A

Explanation:

According to the TOGAF Standard, 10th Edition, a stakeholder is ??an individual with an interest in a system?? 1. A stakeholder can be anyone who is affected by the system, or who can influence or be influenced by the system. Stakeholders can have different roles, perspectives, and concerns regarding the system, and they can be internal or external to the organization. Stakeholder management is a technique that helps to identify, analyze, and engage the stakeholders of an architecture project, and to address their needs and expectations 2. The other options are not correct, as they are not the term used by the TOGAF Standard to describe an individual with an interest in a system. A consumer is ??an individual or group that uses a product or service?? 1. A lead architect is ??an individual who is responsible for leading the development of an architecture?? 1. A sponsor is ??an individual who provides funding and support for an architecture project?? 1. References: 1: TOGAF Standard, 10th Edition, Part I: Introduction, Chapter 3: Definitions. 2: TOGAF Standard, 10th Edition, Part III: ADM Guidelines and Techniques, Chapter 24: Stakeholder Management.

NEW QUESTION 10

Which of the following best describes the purpose of the Architecture Requirements Specification?

- A. It contains an assessment of the current architecture requirements
- B. It provides a set of statements that outline what a project must do to comply with the architecture
- C. It is sent from the sponsor and triggers the start of an architecture development cycle
- D. It defines the scope and approach to complete an architecture project

Answer: B

Explanation:

The Architecture Requirements Specification is one of the TOGAF deliverables that provides a set of quantitative statements that outline what an implementation project must do in order to comply with the architecture¹². It is a companion to the Architecture Definition Document, which provides a qualitative view of the solution and aims to communicate the intent of the architect. The Architecture Requirements Specification provides a quantitative view of the solution, stating measurable criteria that must be met during the implementation of the architecture³. It typically forms a major component of an implementation contract or contract for more detailed Architecture Definition⁴. References:

- Deliverable: Architecture Requirements Specification - The Open Group
- Architecture Requirements Specification - Visual Paradigm Community Circle
- The TOGAF Standard, Version 9.2 - Definitions - The Open Group
- The TOGAF Standard, Version 9.2 - Architecture Requirements Specification - The Open Group

NEW QUESTION 10

What is the purpose of the Preliminary Phase?

- A. Developing an Enterprise Architecture Capability.
- B. Describing the target architecture.
- C. Defining the Enterprise Strategy.
- D. Identifying the stakeholders and their requirements.

Answer: A

Explanation:

An Enterprise Architecture Capability is the ability of the organization to perform effective and efficient architecture work, including the definition, governance, and management of its architectures². The Preliminary Phase involves the following activities¹:

- Reviewing the organizational context, scope, and drivers for conducting Enterprise Architecture
- Establishing the Architecture Capability desired by the organization, including the maturity level, roles, responsibilities, processes, and tools
- Defining and establishing the Organizational Model for Enterprise Architecture, which describes how the architecture function is organized and integrated within the enterprise
- Defining and establishing the Architecture Governance framework, which provides the mechanisms for ensuring the quality, consistency, and compliance of the architecture work
- Selecting and implementing the tools that support the Architecture Capability, such as repositories, modeling tools, and communication tools
- Defining the Architecture Principles that will guide and constrain the architecture work, based on the business principles, goals, and drivers of the organization
- Defining the Organization-Specific Architecture Framework, which is an adaptation of the generic TOGAF ADM to suit the specific requirements, standards, and practices of the organization

The Preliminary Phase is essential for preparing the organization for the successful development and implementation of its architectures, as well as for ensuring the alignment of the architecture work with the business strategy and objectives¹.

References: 1: Preliminary Phase 2: Enterprise Architecture Capability

NEW QUESTION 11

The ensures that a project transitioning into implementation also smoothly transitions into appropriate Architecture Governance.

- A. Migration Plan
- B. Transition Plan
- C. Implementation Governance Model
- D. Implementation Strategy

Answer: C

Explanation:

The Implementation Governance Model is a framework that defines the roles, responsibilities, processes, and standards for governing the implementation of the target architecture. It ensures that a project transitioning into implementation also smoothly transitions into appropriate Architecture Governance, which is the practice of ensuring compliance with the enterprise architecture and its principles, standards, and goals. The Implementation Governance Model is part of the Implementation and Migration Plan, which is the output of Phase F: Migration Planning of the Architecture Development Method (ADM)¹² References: 1: The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 21: Phase F: Migration Planning 2: The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 50: Architecture Governance

NEW QUESTION 16

Consider the following statement:

According to the TOGAF Standard a governed approach of a particular deliverable will ensure a system of continuous monitoring to check integrity changes decision-making and audit of all architecture-related activities

Which deliverable is being referred to?

- A. An Architecture Contract
- B. The Architecture Definition Document
- C. The Architecture Vision
- D. The Statement of Architecture Work

Answer: A

Explanation:

An Architecture Contract is a deliverable that specifies the responsibilities and obligations of the parties involved in the implementation and governance of an architecture. It ensures a system of continuous monitoring to check integrity changes decision-making and audit of all architecture-related activities. Reference: The TOGAF® Standard | The Open Group Website, Section 3.3.4 Architecture Contracts.

NEW QUESTION 20

Which statement best describes iteration and the ADM?

- A. The ADM is iterative within the first cycle and then between phases
- B. The level of detail is defined once and applies to all iterations
- C. The ADM is sequential Iteration is applied within phases
- D. The ADM is iterative, over the whole process between phases and within phases

Answer: D

Explanation:

This statement best describes iteration and the ADM. The ADM is iterative over the whole process between phases and within phases because it allows for feedback loops and refinements at any point in the architecture development and transition process. Iteration enables architects to address changing requirements, assumptions, constraints, and environments; to validate and improve architectures; to manage risks and issues; and to ensure stakeholder satisfaction and value realization. Reference: The TOGAF® Standard | The Open Group Website, Section 3.1 Introduction to the ADM.

NEW QUESTION 25

Consider the following ADM phases objectives.

Objective:

- * 1. Develop the Target Data Architecture that enables the Business Architecture and the Architecture Vision
- * 2. Develop the Target Business Architecture that describes how the enterprise needs to operate to achieve the business goals
- * 3. Develop a high-level aspirational vision of the capabilities and business value to be delivered as a result of the proposed Enterprise Architecture
- * 4. Identify candidate Architecture Roadmap components based upon gaps between the Baseline and Target Technology Architectures

Which phase does each objective match?

- A. 1B-2D-3A-4C
- B. 1C-2D-3B-4A
- C. 1C-2B-3A-4D
- D. 1A-2B-3C-4D

Answer: C

Explanation:

•Phase A: Architecture Vision

- oDevelop a high-level aspirational vision of the capabilities and business value to be delivered as a result of the proposed Enterprise Architecture
- oDefine the scope and boundaries of the architecture engagement
- oIdentify the key stakeholders and their concerns and expectations
- oDefine the Architecture Vision statement and the Architecture Definition Document
- oObtain approval and commitment from the sponsors and stakeholders

•Phase B: Business Architecture

- oDevelop the Target Business Architecture that describes how the enterprise needs to operate to achieve the business goals
- oDefine the Baseline Business Architecture, if not available
- oPerform a gap analysis between the Baseline and Target Business Architectures
- oDefine candidate roadmap components for the Business Architecture
- oResolve impacts across the Architecture Landscape

•Phase C: Information Systems Architecture

- oDevelop the Target Data Architecture that enables the Business Architecture and the Architecture Vision
- oDevelop the Target Application Architecture that supports the Business Architecture and the Architecture Vision
- oDefine the Baseline Data and Application Architectures, if not available
- oPerform a gap analysis between the Baseline and Target Data and Application Architectures
- oDefine candidate roadmap components for the Information Systems Architecture
- oResolve impacts across the Architecture Landscape

•Phase D: Technology Architecture

- oDevelop the Target Technology Architecture that enables the Information Systems Architecture and the Architecture Vision
- oDefine the Baseline Technology Architecture, if not available
- oPerform a gap analysis between the Baseline and Target Technology Architectures
- oIdentify candidate Architecture Roadmap components based upon gaps between the Baseline and Target Technology Architectures
- oResolve impacts across the Architecture Landscape

Therefore, the correct matching of the objectives and the phases is:

- 1C: Develop the Target Data Architecture that enables the Business Architecture and the Architecture Vision
- 2B: Develop the Target Business Architecture that describes how the enterprise needs to operate to achieve the business goals
- 3A: Develop a high-level aspirational vision of the capabilities and business value to be delivered as a result of the proposed Enterprise Architecture
- 4D: Identify candidate Architecture Roadmap components based upon gaps between the Baseline and Target Technology Architectures

References: 1: The TOGAF Architecture Development Method

NEW QUESTION 28

Complete the sentence The purpose of Enterprise Architecture is to .

- A. take major improvement decisions
- B. control the bigger changes
- C. guide effective change
- D. govern the stakeholders

Answer: C

Explanation:

The purpose of Enterprise Architecture is to guide effective change by providing a coherent and consistent view of the enterprise's current and future state, as well as the roadmap and principles for achieving it. Enterprise Architecture helps to align business and IT strategies, optimize resources and investments, reduce complexity and risks, enhance agility and innovation, and deliver value to stakeholders. Reference: The TOGAF® Standard | The Open Group Website, Section 1.3 Executive Overview.

NEW QUESTION 30

Consider the following descriptions of deliverables consumed and produced across the TOGAF ADM cycle.

- ? General rules and guidelines, intended to be enduring and seldom amended, that inform and support the way in which an organization sets about fulfilling its mission
 - ? The joint agreements between development partners and sponsors on the deliverables, quality, and fitness-for-purpose of an architecture.
 - ? A document that is sent from the sponsoring organization to the architecture organization to trigger the start of an architecture development cycle
 - ? A set of quantitative statements that outline what an implementation project must do in order to comply with the architecture.
- Which deliverables match these descriptions?

- A. 1 Architecture Principles -2 Architecture Contracts - 3 Request for Architecture Work - 4 Architecture Requirements Specification
- B. 1 Architecture Contracts - 2 Architecture Requirements Specification - 3 Architecture Vision - 4 Architecture Principles
- C. 1 Architecture Requirements Specification -2 Architecture Principles - 3 Architecture Vision - 4 Architecture Contracts
- D. 1 Architecture Principles -2 Architecture Contracts - 3 Architecture Requirements Specification-4 Request for Architecture Work

Answer: A

Explanation:

According to the TOGAF standard, the deliverables that match the descriptions are as follows:

- ? 1 Architecture Principles: These are general rules and guidelines, intended to be enduring and seldom amended, that inform and support the way in which an organization sets about fulfilling its mission¹. They reflect a level of consensus among the various elements of the enterprise, and form the basis for making future IT decisions¹.
 - ? 2 Architecture Contracts: These are the joint agreements between development partners and sponsors on the deliverables, quality, and fitness-for-purpose of an architecture². They are used to ensure that the architecture is implemented and governed according to the agreed-upon specifications and standards².
 - ? 3 Request for Architecture Work: This is a document that is sent from the sponsoring organization to the architecture organization to trigger the start of an architecture development cycle³. It defines the scope, schedule, budget, deliverables, and stakeholders of the architecture project³.
 - ? 4 Architecture Requirements Specification: This is a set of quantitative statements that outline what an implementation project must do in order to comply with the architecture⁴. It defines the requirements for each architecture domain, as well as the relationships and dependencies among them⁴.
- References: 1: Architecture Principles 2: Architecture Contracts 3: Request for Architecture Work 4: Architecture Requirements Specification

NEW QUESTION 34

What does the TOGAF ADM recommend for use in developing an Architecture Vision document?

- A. Requirements Management
- B. Architecture Principles
- C. Gap Analysis
- D. Business Scenarios

Answer: D

Explanation:

Business scenarios are a technique recommended by the TOGAF ADM for use in developing an Architecture Vision document¹². Business scenarios are a means of capturing the business requirements and drivers, the processes and actors involved, and the desired outcomes and measures of success³⁴. Business scenarios help to create a common vision and understanding among the stakeholders, and to identify and validate the architecture requirements . Business scenarios also provide a basis for analyzing the impact and value of the proposed architecture. References:

- The TOGAF Standard, Version 9.2 - Phase A: Architecture Vision - The Open Group
- TOGAF® Standard — Introduction - Phase A: Architecture Vision
- The TOGAF Standard, Version 9.2 - Definitions - The Open Group
- Business Scenarios - The Open Group
- [The TOGAF Standard, Version 9.2 - Architecture Requirements Specification - The Open Group]
- [The TOGAF Standard, Version 9.2 - Architecture Vision - The Open Group]
- [The TOGAF Standard, Version 9.2 - Business Transformation Readiness Assessment - The Open Group]

NEW QUESTION 36

Consider the following statements:

- * 1. Each contracted party is required to act responsibly to the organization and its stakeholders.
- * 2. All decisions taken, processes used, and their implementation will not be allowed to create unfair advantage to any one particular party.
- * 3. Digital Transformation and operations will be more effective and efficient.
- * 4. Strategic decision-making by C-Level executives and business leaders will be more effective.

Which statements highlight the value and necessity for Architecture Governance to be adopted within organizations?

- A. 1 & 2
- B. 2 & 3
- C. 3 & 4
- D. 1 & 4

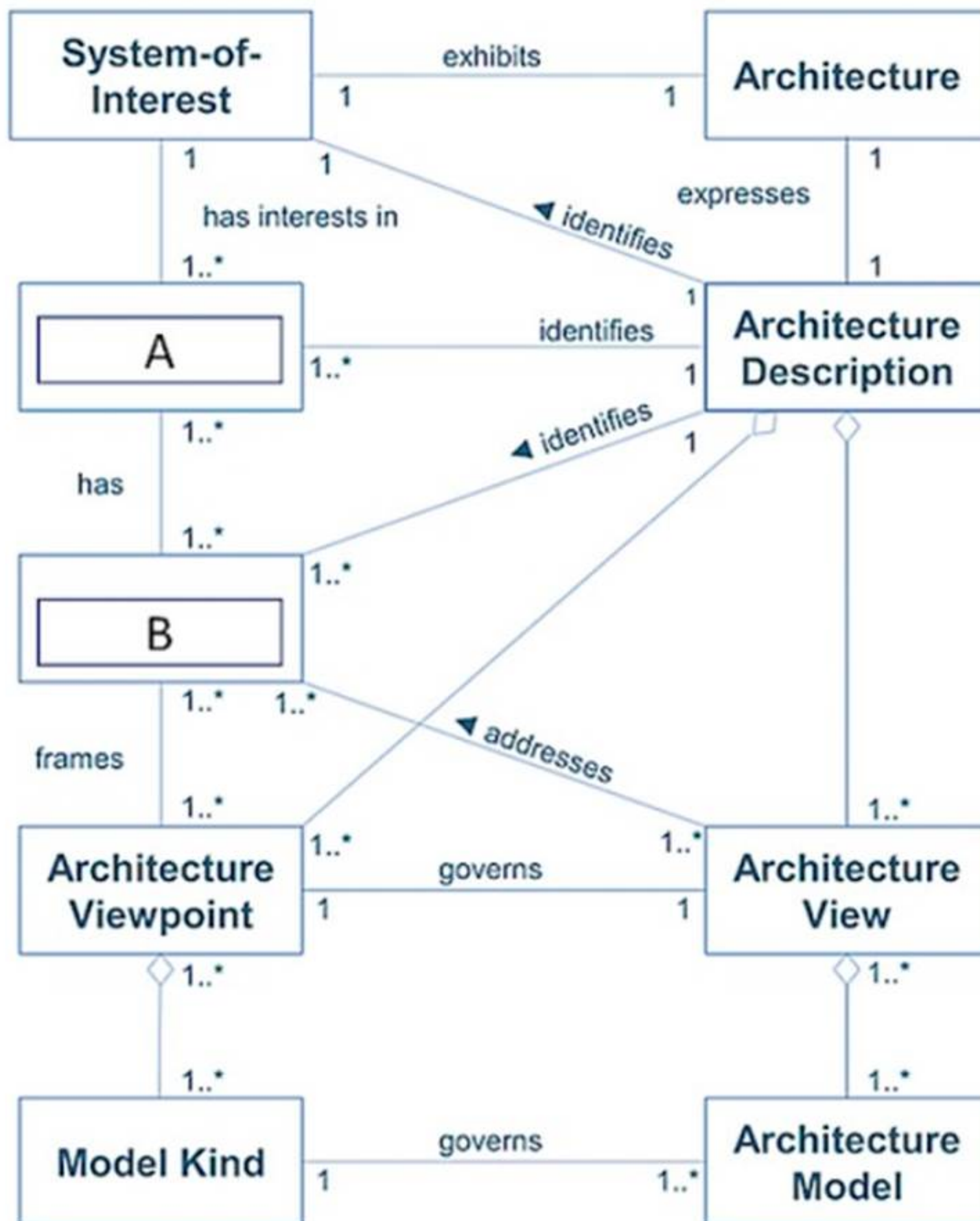
Answer: A

Explanation:

Architecture governance is the practice of ensuring compliance with the enterprise architecture and its principles, standards, and goals. Architecture governance provides the means to establish, monitor, and control the architecture development and implementation processes, and to resolve any issues or conflicts that may arise. Architecture governance also ensures that all stakeholders are represented and involved in the decision-making process, and that their interests and concerns are balanced and aligned. Statements 1 and 2 highlight the value and necessity for architecture governance to be adopted within organizations, as they emphasize the importance of responsibility, accountability, fairness, and transparency in the architectural activities. Statements 3 and 4 are more related to the benefits and outcomes of having a good enterprise architecture, rather than the governance aspect. References: : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 50: Architecture Governance : The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 29: Architecture Governance

NEW QUESTION 41

Exhibit:



Consider the image showing basic architectural concepts. What are items A and B?

- A. A-Candidate Architecture, B-Trade-off
- B. A-User, B-Requirement
- C. A-Stakeholder, B-Concern
- D. A-Base Architecture, B-Target Architecture

Answer: C

Explanation:

In the context of TOGAF, a stakeholder is any individual, team, or organization who has interests in, or concerns relative to, the outcome of the architecture. Concerns are those interests which pertain to any aspect of the system's functioning, development or operation, including considerations such as performance, reliability, and security¹. References:

- The TOGAF Standard, Version 9.2 - Definitions - The Open Group

NEW QUESTION 46

Consider the following statements.

- * 1. All processes, decision-making, and mechanisms used will be established so as to minimize or avoid potential conflicts of interest.
- * 2. More effective strategic decision-making will be made by C-Level executives and business leaders.

- * 3. All actions implemented and their decision support will be available for inspection by authorized organization and provider parties.
- * 4. Digital Transformation and operations will be more effective and efficient.

Which statements highlight the value and necessity for Architecture Governance to be adopted within organizations?

- A. 1 & 4
- B. 1 & 3
- C. 2 & 4
- D. 2 & 3

Answer: B

Explanation:

Statements 1 and 3 highlight the value and necessity for Architecture Governance to be adopted within organizations. Architecture Governance is the practice and orientation by which Enterprise Architectures and other architectures are managed and controlled at an enterprise-wide level¹². It ensures that architectural decisions are aligned with the organization's strategy, objectives, and standards. Architecture Governance also involves establishing and maintaining processes, decision-making, and mechanisms to avoid or minimize potential conflicts of interest, such as between different stakeholders, business units, or projects³⁴. Moreover, Architecture Governance requires transparency and accountability for all actions implemented and their decision support, so that they can be inspected and evaluated by authorized parties, such as auditors, regulators, or customers⁵. References:

- The TOGAF Standard, Version 9.2 - Architecture Governance - The Open Group
- Architecture Governance - The Open Group
- Tutorial: Governance in TOGAF's Architecture Development Method (ADM)
- Architecture Governance in TOGAF: Ensuring Effective Management and Compliance
- The TOGAF Standard, Version 9.2 - Definitions - The Open Group
- [Architecture Governance in TOGAF: Ensuring Alignment and Control]

NEW QUESTION 50

What can architects present to stakeholders to extract hidden agendas, principles, and requirements that could impact the final Target Architecture?

- A. Solutions and Applications
- B. Alternatives and Trade-offs
- C. Business Scenarios and Business Models
- D. Architecture Views and Architecture Viewpoints

Answer: D

Explanation:

? According to the TOGAF Standard, Version 9.2, an architecture view is a representation of a system from the perspective of a related set of concerns¹. It consists of one or more architecture models that demonstrate how the system addresses the stakeholder concerns¹.

? An architecture viewpoint is a specification of the conventions for constructing and using an architecture view to address specific stakeholder concerns¹. It defines

the perspective, scope, notation, and techniques for creating an architecture view of a system¹.

? Architects can present architecture views and viewpoints to stakeholders to extract hidden agendas, principles, and requirements that could impact the final Target Architecture, because²³:

References:

- ? 1: The TOGAF Standard, Version 9.2, Chapter 22: Architecture Views, Viewpoints, and Stakeholders
- ? 2: The TOGAF Standard, Version 9.2, Chapter 4: Introduction to Part II, Section 4.2: What is an Architecture Framework?
- ? 3: The TOGAF Standard, Version 9.2, Chapter 31: Architectural Artifacts, Section 31.1: Basic Concepts

NEW QUESTION 55

Consider the following ADM phases objectives.

	Objective
1	Ensure that the business value and cost of work packages and Transition Architectures is understood by key stakeholders
2	Ensure conformance with the Target Architecture by implementation projects
3	Ensure that the architecture development cycle is maintained
4	Ensure that the Architecture Governance Framework is executed

Which phase does each objective match?

- A. 1F-2G-3G-4H
- B. 1H-2F-3F-4G
- C. 1F-2G-3H-4H
- D. 1G-2H-3H-4F

Answer: B

Explanation:

? According to the TOGAF Standard, Version 9.2, the ADM phases and their objectives are as follows¹:

? Based on the above definitions, we can match each objective with the corresponding phase as follows:

References:

? 1: The TOGAF Standard, Version 9.2, Chapter 5: Architecture Development Method (ADM)

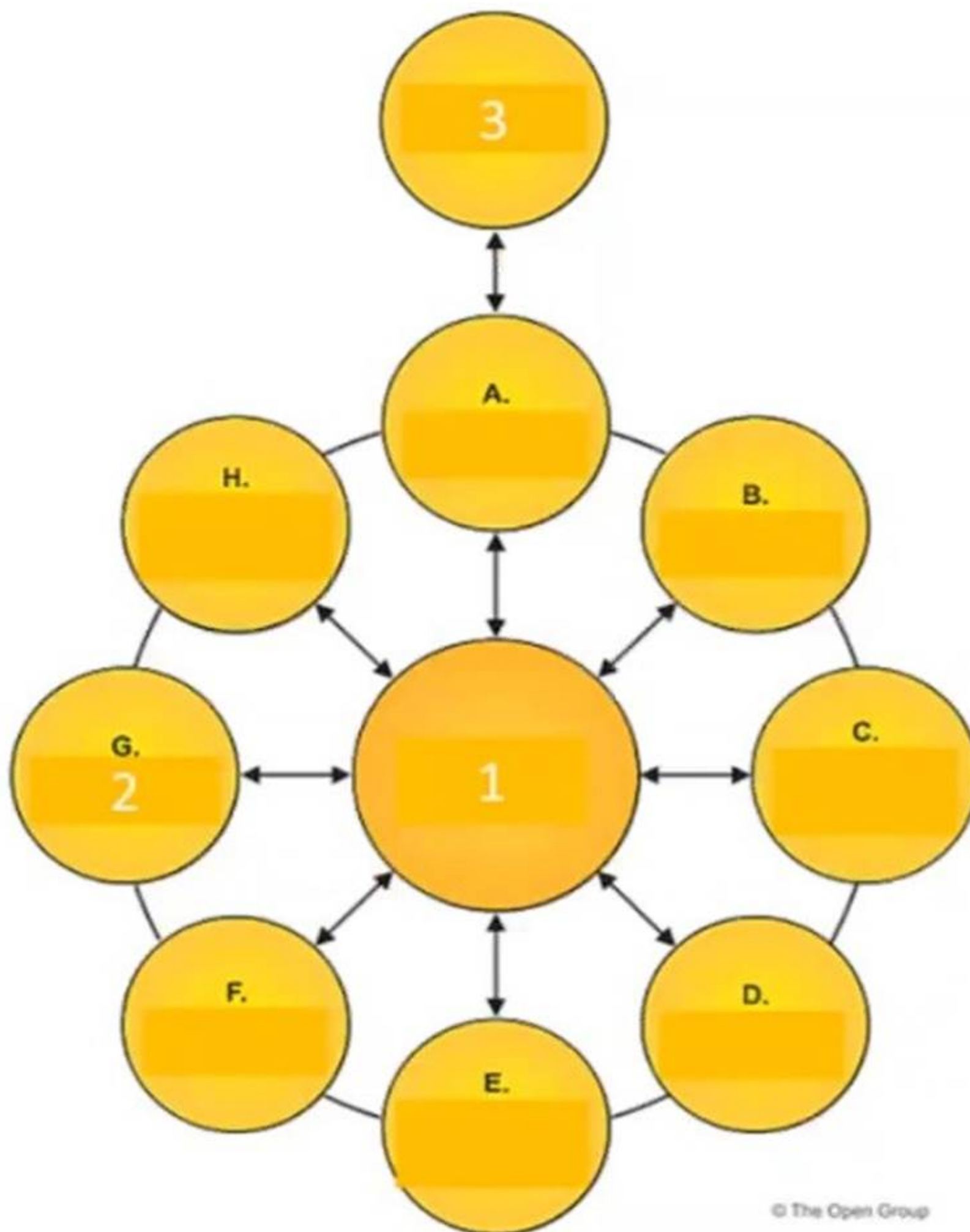
? 2: The TOGAF Standard, Version 9.2, Chapter 21: Architecture Change Management

? 3: The TOGAF Standard, Version 9.2, Chapter 20: Migration Planning

? 4: The TOGAF Standard, Version 9.2, Chapter 19: Implementation Governance

NEW QUESTION 59

Exhibit



Consider the illustration showing an architecture development cycle Which description matches the phase of the ADM labeled as item 2?

- A. Conducts implementation planning for the architecture defined in previous phases
- B. Establishes procedures for managing change to the new architecture
- C. Operates the process of managing architecture requirements
- D. Provides architectural oversight for the implementation

Answer: D

Explanation:

Based on the illustration, the phase of the ADM labeled as item 2 is the Implementation

Governance phase. This phase provides architectural oversight for the implementation. It ensures that the implementation project conforms to the architecture. It also provides a framework for monitoring and managing the implementation.

The Implementation Governance phase involves the following activities:

- ? Finalizing the Architecture Roadmap and the supporting Implementation and Migration Plan
 - ? Assigning an Architecture Board to oversee the implementation
 - ? Establishing Architecture Contracts with the implementation partners
 - ? Reviewing and approving the implementation project plans and deliverables
 - ? Performing Architecture Compliance reviews to ensure alignment with the architecture
 - ? Performing Architecture Audit reviews to ensure quality and performance of the architecture
 - ? Resolving any architecture issues or change requests that arise during the implementation
 - ? Maintaining the architecture lifecycle and ensuring its continuity
- The Implementation Governance phase is essential for ensuring that the architecture is realized as intended and that it delivers the expected business value and outcomes. References: : Implementation Governance

NEW QUESTION 64

Refer to the table below:

Phase	Output & Outcome	Essential Knowledge
?	Sufficient documentation to get permission to proceed. Permission to proceed to develop a Target Architecture to prove out a summary target.	The scope of the problem being addressed. Those who have interests that are fundamental to the problem being addressed. (Stakeholders & Concerns) What summary answer to the problem is acceptable to the stakeholders? Stakeholder priority and preference. What value does the summary answer provide?

Which ADM Phase does this describe?

- A. Phase A
- B. Phase B
- C. Preliminary Phase
- D. Phase C

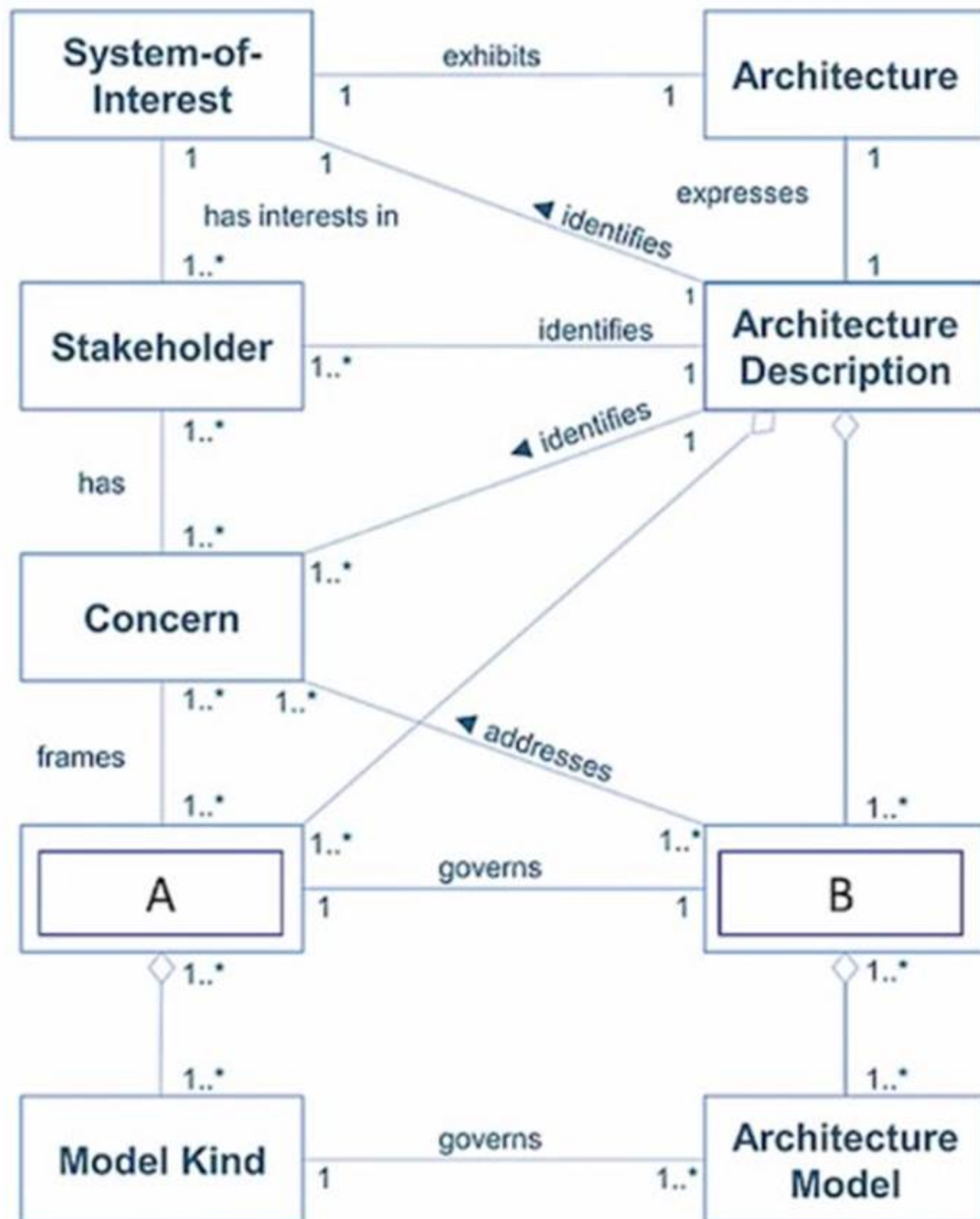
Answer: B

Explanation:

Phase B of the ADM cycle is the Business Architecture phase. It describes the development of a Business Architecture to support an agreed Architecture Vision. The objectives of this phase are to describe the baseline and target Business Architecture, identify candidate Architecture Roadmap components based on gaps between the baseline and target, and determine whether an incremental approach is required. Reference: The TOGAF® Standard | The Open Group Website, Section 3.2.2 Phase B: Business Architecture.

NEW QUESTION 67

Consider the image showing basic architectural concepts.



What are items A and B?

- A. A-Architecture Viewpoint, B-Architecture View
- B. A-Architecture Board, B-Architecture Capability
- C. A-Candidate Architecture, B-Trade-off
- D. A-Requirement
- E. B-Candidate Architecture

Answer: A

Explanation:

? The image shows a diagram that illustrates the basic concepts of architecture description as defined by the ISO/IEC/IEEE 42010:2011 standard¹, which is also adopted by the TOGAF standard².

? According to the ISO/IEC/IEEE 42010:2011 standard, an architecture description is a work product used to express an architecture, and it consists of one or more architecture views¹.

? An architecture view is a representation of a system from the perspective of a related set of concerns, and it conforms to an architecture viewpoint¹.

? An architecture viewpoint is a specification of the conventions for constructing and using an architecture view to address specific stakeholder concerns¹.

? Therefore, the correct answer is option A, which identifies the items labeled as ??A?? and ??B?? in the image as an architecture viewpoint and an architecture view, respectively. References:

? 1: ISO/IEC/IEEE 42010:2011 - Systems and software engineering — Architecture description¹

? 2: TOGAF Standard, Version 9.2 - Part IV: Architecture Content Framework -31. Architectural Artifacts²

NEW QUESTION 68

In which phase of the ADM cycle do building blocks become implementation-specific?

- A. Phase B
- B. Phase C
- C. Phase D

D. Phase E

Answer: D

Explanation:

Building blocks are reusable components of business, IT, or architectural capability that can be combined to deliver architectures and solutions. Building blocks can be defined at various levels of detail, depending on the stage of architecture development. In the earlier phases of the ADM cycle (A to D), building blocks are defined in generic terms, such as logical or physical, to provide a high-level view of the architecture. In Phase E: Opportunities and Solutions, building blocks become implementation-specific, meaning that they are linked to specific products, standards, technologies, and vendors that are available in the market. This phase also identifies the delivery vehicles, such as projects, programs, or portfolios, that will realize the building blocks. 12 References: 1: The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 23: Phase E: Opportunities and Solutions 2: The TOGAF Standard, Version 9.2, Part IV: Architecture Content Framework, Chapter 36: Building Blocks

NEW QUESTION 71

Complete the following sentence. In the ADM, documents which are under development and have not undergone any formal review and approval process are called Documents which have been reviewed and approved are called

- A. "draft" - "finalized"
- B. "draft" - "approved"
- C. "concept" - "deliverable"
- D. "Version 0.1" - "Version 1.0"

Answer: B

Explanation:

According to the TOGAF Standard, 10th Edition, documents which are under development and have not undergone any formal review and approval process are called draft documents, while documents which have been reviewed and approved are called approved documents. 1. Draft documents are typically marked with a version number of 0.x, indicating that they are incomplete or provisional. Approved documents are typically marked with a version number of 1.0 or higher, indicating that they have been finalized and authorized. The other options are not correct, as they are not the terms used by the TOGAF Standard to distinguish between documents under development and documents that have been reviewed and approved. The terms "finalized", "concept", "deliverable", and "Version 0.1" and "Version 1.0" are not specific to the TOGAF Standard, and they may have different meanings or interpretations in different contexts. References: 1: TOGAF Standard, 10th Edition, Part II: Architecture Development Method, Chapter 7: Applying Iteration to the ADM, Section 7.2.3 Document Categorization.

NEW QUESTION 76

What is an objective of the ADM Implementation Governance Phase?

- A. To provide continual monitoring of the governance framework
- B. To ensure conformance for the target architecture
- C. To finalize the Implementation and Migration Plan
- D. To establish the resources for architecture governance

Answer: B

Explanation:

The objective of the ADM Implementation Governance Phase is to provide an architectural oversight of the implementation and to ensure conformance for the target architecture. This phase involves establishing procedures and processes to monitor and control the implementation projects and to verify that they comply with the defined architecture. Reference: The TOGAF® Standard | The Open Group Website, Section 3.2.7 Phase G: Implementation Governance.

NEW QUESTION 81

Which of the following describes a purpose of Architecture Principles?

- A. To describe likely impacts resulting from successful deployment of the target architecture.
- B. To establish a common understanding of how to control the business in pursuit of strategic objectives
- C. To provide a better understanding about the enterprise's culture and values
- D. To form a contract between sponsoring organization and the enterprise architects

Answer: B

Explanation:

Architecture Principles are general rules and guidelines that inform and support the way in which an organization sets about fulfilling its mission. They reflect a level of consensus among the various elements of the enterprise, and form the basis for making future IT decisions. One of the purposes of Architecture Principles is to establish a common understanding of how to control the business in pursuit of strategic objectives, by providing a framework for evaluating and agreeing on the changes that affect the enterprise's architecture. 3 References: 3: The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 23: Architecture Principles : The TOGAF Standard, Version 9.2, Part IV: Architecture Content Framework, Chapter 31: Architecture Principles

NEW QUESTION 83

Which one of the following classes of information within the Architecture Repository would typically contain a list of the applications in use within the enterprise?

- A. Reference Library
- B. Architecture Metamodel
- C. Architecture Landscape
- D. Governance Log

Answer: C

Explanation:

The Architecture Landscape is a class of information within the Architecture Repository that shows an architectural view of the building blocks that are in use

within the organization today (the Baseline Architecture), as well as those that are planned for the future (the Target Architecture). The Architecture Landscape typically contains a list of the applications in use within the enterprise, along with their relationships and dependencies, as well as other relevant architectural information. The Architecture Landscape helps to identify opportunities for re-use, consolidation, or retirement of existing applications, as well as gaps or overlaps in the current or future architecture. References: : The TOGAF Standard, Version 9.2, Part IV: Architecture Content Framework, Chapter 34: Architecture Landscape : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 47: Architecture Repository

NEW QUESTION 86

Complete the sentence When considering agile development Architecture to Support Project will identify what products the Enterprise needs the boundary of the products and what constraints a product owner has. this defines the Enterprise's .

- A. operations
- B. backlog
- C. workflow management
- D. lifecycle economics

Answer: B

Explanation:

When considering agile development, Architecture to Support Project will identify what products the enterprise needs, the boundary of the products, and what constraints a product owner has. This defines the enterprise's backlog. A backlog is a list of features or tasks that need to be done to deliver a product or service. It is prioritized by the product owner based on the value and urgency of each item. Reference: The TOGAF® Standard | The Open Group Website, Section 3.3.5 Architecture to Support Project.

NEW QUESTION 90

What are the following activities part of?

- . Risk classification
- . Risk identification
- . Initial risk assessment

- A. Security Architecture
- B. Phase A
- C. Phase G
- D. Risk Management

Answer: D

Explanation:

Risk management is a generic technique that can be applied across all phases of the Architecture Development Method (ADM), as well as in the Preliminary Phase and the Requirements Management Phase. Risk management involves the following steps:

- Risk identification: This step involves identifying the potential risks that may affect the architecture project, such as technical, business, organizational, environmental, or legal risks. The risks can be identified through various sources, such as stakeholder interviews, workshops, surveys, checklists, historical data, or expert judgment.
 - Risk classification: This step involves categorizing the risks based on their nature, source, impact, and priority. The risks can be classified according to different criteria, such as time, cost, scope, quality, security, or compliance. The classification helps in prioritizing the risks and allocating resources and efforts to address them effectively.
 - Initial risk assessment: This step involves assessing the likelihood and impact of each risk, and determining the initial level of risk. The likelihood is the probability of the risk occurring, and the impact is the severity of the consequences if the risk occurs. The initial level of risk is the product of the likelihood and impact, and it indicates the urgency and importance of the risk. The initial risk assessment helps in identifying the most critical risks that need immediate attention and mitigation.
- References: 1: The TOGAF Standard, Version 9.2 - Risk Management 2: TOGAF ADM: Top 10 techniques – Part 9: Risk Management

NEW QUESTION 95

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