

Exam Questions OG0-093

OG0-093 TOGAF 9 Combined Part 1 and Part 2

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NEW QUESTION 1

- (Exam Topic 2)

According to TOGAF, which of the following are the architecture domains that are commonly accepted subsets of an overall enterprise architecture?

- A. Application, Business, Data, Technology
- B. Capability, Segment, Strategic
- C. Context, Definition, Governance, Transformation
- D. Definition, Realization, Transition, Vision

Answer: A

NEW QUESTION 2

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You have been assigned the role of Chief Enterprise Architect within a leading outsourcing services company. The company has over 20,000 outsourcing professionals and works on some of the world's largest outsourcing projects. Outsourcing services include business processes, infrastructure, and service management. The company also provides business consulting services.

With numerous service areas and a large number of diverse engagements in progress at any given time, overall engagement management within the company has become challenging. The company does not want to risk its outstanding reputation or its international certifications and CMM ratings.

The company has established an Enterprise Architecture program based on TOGAF 9, sponsored jointly by the Chief Executive Officer and Chief Information Officer. An Architecture Board has been formed comprised of IT staff executives and executives from the major service areas and consulting practice.

The Enterprise Architecture (EA) team has been working with the Strategic Planning team to create a strategic enterprise architecture to address these issues. The EA team has defined a framework and held workshops with key stakeholders to define a set of architecture principles to govern the architecture work. They have completed an Architecture Vision at a strategic level and laid out Architecture Definitions for the four domains. They have set out an ambitious vision of the future of the company over a five-year period. This includes a solution architecture including three distinct transformations.

The CIO has made it clear that prior to the approval of the detailed Implementation and Migration plan, the EA team will need to assess the risks associated with the proposed architecture. He has received concerns from some of the vice presidents across the company that the proposed architecture may be too ambitious and they are not sure it can produce sufficient value to warrant the attendant risks.

Refer to the Scenario

You have been asked to recommend an approach to satisfy these concerns. Based on TOGAF, which of the following is the best answer?

- A. The EA team should gather information about potential solutions from the appropriate source
- B. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architecture
- C. A value realization process should then be established to ensure that the concerns raised are addressed.
- D. Before preparing the detailed Implementation and Migration plan, the EA team should review and consolidate the gap analysis results from Phases B to D to understand the transformations that are required to achieve the proposed Target Architecture
- E. The EA team should then assess the readiness of the organization to undergo change
- F. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures.
- G. The EA team should apply an interoperability analysis to evaluate any potential issues across the Solution Architecture
- H. This should include the development of a matrix showing the interoperability requirement
- I. Once all of the concerns have been resolved, the EA team should finalize the Architecture Roadmap and the Implementation and Migration Plan.
- J. The EA team should apply the Business Transformation Readiness Assessment technique
- K. This will allow the risks associated with the transformations to be identified and mitigated for
- L. It will also identify improvement actions to be worked into the Implementation and Migration Plan
- M. The Business Value Assessment technique should then be used to determine the business value and associated risks for the transformation.

Answer: D

NEW QUESTION 3

- (Exam Topic 2)

Which of the following reasons best describes why the ADM numbering scheme for versioning output is an example and not mandatory?

- A. To show the evolution of deliverables
- B. To permit adaptation as required
- C. To enable use with the Architecture Content Framework
- D. To support change management

Answer: B

NEW QUESTION 4

- (Exam Topic 2)

Which one of the following is NOT an element of an architecture framework?

- A. A common vocabulary
- B. A list of recommended standards
- C. A method for designing an information system in terms of building blocks
- D. A set of structures which can be used to develop a broad range of architectures
- E. A system development lifecycle method for software engineering

Answer: E

NEW QUESTION 5

- (Exam Topic 2)

Which of the following best describes the purpose of an Architecture Definition Document?

- A. To act as a deliverable container for artifacts created during a project

- B. To ensure that architecture information is communicated to the right stakeholders at the right time
- C. To provide a high-level view of the end architecture product
- D. To govern the architecture throughout its implementation process
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Answer: A

Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap36.html>

NEW QUESTION 6

- (Exam Topic 2)

Which one of the following is the practice by which the enterprise architecture and other architectures are managed and controlled at an enterprise level?

- A. Architecture governance
- B. Corporate governance
- C. IT governance
- D. Technology governance
- E. The program management office

Answer: A

NEW QUESTION 7

- (Exam Topic 2)

Which of the following is an objective of Phase G, Implementation Governance?

- A. Establish the resources for architecture governance
- B. Develop the Target Technology Architecture
- C. Ensure conformance for the target architecture
- D. Operate the governance framework
- E. Finalize the Implementation and Migration Plan

Answer: C

Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap13.html>

NEW QUESTION 8

- (Exam Topic 2)

Complete the sentence. The Business Transformation Readiness Assessment technique is primarily focused on _____

- A. determining if the organization is ready to accept change
- B. planning the migration steps needed to achieve the transformation
- C. ensuring that there are adequate trained developers and engineers to implement the solution
- D. ensuring that there is sufficient financial capacity to execute the desired transformation
- E. determining if there is adequate stakeholder support for the implementation process

Answer: A

NEW QUESTION 9

- (Exam Topic 2)

Complete the sentence. In TOGAF, architecture viewpoints represent _____

- A. observations of the CIO/CTO
- B. opinions of the sponsors
- C. observations of the architect staff
- D. concerns of stakeholders
- E. stakeholder requirements

Answer: D

NEW QUESTION 10

- (Exam Topic 2)

Which of the following is the architecture domain that describes the logical software and hardware capabilities?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

Answer: D

NEW QUESTION 10

- (Exam Topic 2)

What part of the Architecture Repository holds specifications to which architectures must conform?

- A. Standards Information Base
- B. Enterprise Continuum
- C. Governance Log
- D. Architecture Landscape
- E. Reference Library

Answer: A

NEW QUESTION 14

- (Exam Topic 2)

Which one of the following is an objective of the Preliminary Phase of the ADM?

- A. To define, scope and prioritize architecture tasks
- B. To define the architecture principles
- C. To develop a Target Business Architecture
- D. To obtain management commitment for this cycle of the ADM
- E. To prioritize work packages

Answer: B

NEW QUESTION 19

- (Exam Topic 2)

Complete the sentence. In TOGAF, every architecture view has an associated _____ that describes it, at least implicitly.

- A. architecture building block
- B. architecture model
- C. architecture vision
- D. requirement
- E. viewpoint

Answer: E

NEW QUESTION 21

- (Exam Topic 2)

According to TOGAF, the recommended dimensions used to define the scope of an architecture include all the following, except:

- A. Architecture Domains
- B. Enterprise Focus
- C. Level of Detail
- D. Subject Matter
- E. Time Period

Answer: D

NEW QUESTION 22

- (Exam Topic 2)

Which one of the following statements about the structure of the TOGAF 9 document is true?

- A. Part I describes the TOGAF approach to Enterprise Architecture
- B. Part II describes the definitions of terms used and the changes between versions of TOGAF
- C. Part III describes requirements management and is considered to be the core of TOGAF
- D. Part IV describes the ADM: a collection of guidelines and techniques used in TOGAF 9

Answer: A

NEW QUESTION 26

- (Exam Topic 2)

Complete the sentence. As the architecture evolves, the assets in the Solutions Continuum progress towards a (n) _____

- A. Common Systems Architecture
- B. Industry Specific Architecture
- C. Foundation Solution
- D. Organization Specific Solution
- E. Technology Neutral Implementation

Answer: D

NEW QUESTION 29

- (Exam Topic 2)

Which one of the following is the most generic artifact in the Architecture Continuum?

- A. Common Systems Architecture
- B. Foundation Architecture
- C. Industry Architecture
- D. Organization Specific Architecture
- E. Product Line Architecture

Answer: B

NEW QUESTION 32

- (Exam Topic 2)

Which phase of the TOGAF ADM is the first phase directly concerned with the planning for the implementation of the target architecture(s)?

- A. Phase D
- B. Phase E
- C. Phase F
- D. Phase G
- E. Phase H

Answer: B

NEW QUESTION 35

- (Exam Topic 2)

Complete the sentence. In TOGAF, legacy systems and processes that are going to be used again in the future are considered _____

- A. Architecture Building Blocks
- B. Components
- C. Patterns
- D. Re-usable Building Blocks
- E. Solution Building Blocks

Answer: D

NEW QUESTION 39

- (Exam Topic 2)

Which of the following is a true statement about the TOGAF Technical Reference Model?

- A. The TOGAF Architecture Development Method mandates the use of the Technical Reference Model for large complex architecture projects
- B. The Technical Reference Model is an integral part of the TOGAF Architecture Development Method
- C. The Technical Reference Model should not be modified
- D. The Technical Reference Model includes a set of graphical models and a corresponding taxonomy
- E. The Technical Reference Model provides a direct mapping to the Zachman Framework

Answer: D

NEW QUESTION 41

- (Exam Topic 2)

What ADM Phase generates the initial complete version of the Architecture Roadmap?

- A. Phase A: Architecture Vision
- B. Phase E: Opportunities and Solutions
- C. Phase B: Business Architecture
- D. Phase D: Technology Architecture
- E. Phase F: Migration Planning

Answer: B

NEW QUESTION 43

- (Exam Topic 2)

Which one of the following is NOT an objective for Phase C, Data Architecture?

- A. Defining an architecture that can be understood by the stakeholders
- B. Defining an architecture that is complete and consistent
- C. Defining an architecture that is stable
- D. Defining data entities that are normalized to minimize update anomalies
- E. Defining data entities relevant to the enterprise

Answer: D

NEW QUESTION 48

- (Exam Topic 2)

Which one of the following is an essential aspect of architecture governance?

- A. Authoring the Architecture Definition Document
- B. Ensuring the compliance of individual projects to the enterprise architecture
- C. Controlling the implementation and deployment organizations
- D. Authoring the Communications Plan for a given architecture project
- E. Conducting Business Scenarios

Answer: B

NEW QUESTION 52

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question.

The ABC Ltd. is a leading medical device manufacturer in the highly competitive market for Migraine Headache Pain Management (MHPM) devices. These tiny wireless devices are implanted in the brain and can deliver a precise electric shock when the wearable Pain Control Unit (PCU) detects an increase in stress induced by the onset of a migraine headache. This technology will be a breakthrough in the treatment of this condition, and several competitors are striving to be the first to introduce a product into the market. However, all of them must demonstrate the effectiveness and safety of their products in a set of clinical trials that will satisfy the regulatory requirements of the countries in the target markets.

The Enterprise Architecture group at the company has been engaged in an architecture development project to create a secure networked collaboration system that will allow researchers at its product development laboratories worldwide to share information about their independent clinical trials. The Enterprise Architecture group is a mature organization that has been utilizing TOGAF for several years. The company Architecture Development Method is strictly based on TOGAF 9 with extensions required to support current good manufacturing practices and good laboratory practices in their target markets. The project team has now completed the Business, Information Systems, and Technology Architecture phases and has produced a complete set of deliverables for each phase. Due to the highly sensitive nature of the information that is managed, special care was taken to ensure that each architecture domain included an examination of the security and privacy issues that are relevant for each domain. A corresponding Security Architecture has been defined.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity. He has stated that the changes to the enterprise architecture for the new system will need to be rolled out on a geographic basis that will minimize disruptions to ongoing clinical trials. The work will need to be done in stages and rolled out in geographical regions.

Refer to the Scenario

You are serving as the Lead Architect for the project team.

You have been asked to recommend the approach to identify the work packages that will be included in the Transition Architecture(s).

Based on TOGAF 9, which of the following is the best answer?

- A. Create an Implementation Factor Assessment and Deduction Matrix and a Consolidated Gaps, Solutions and Dependencies Matrix
- B. For each gap, identify a proposed solution and classify it as new development, purchased solution, or based on an existing product
- C. Group similar solutions together to form work package
- D. Identify dependencies between work packages factoring in the clinical trial schedule
- E. Regroup the packages into a set of Capability Increments scheduled into a series of Transition Architectures and documented in an Architecture Definition Increments Table.
- F. Determine the set of Solution Building Blocks required by identifying which Solution Building Blocks need to be developed and which need to be procure
- G. Eliminate any duplicate building block
- H. Group the remaining Solution Building Blocks together to create the work packages using a CRUD matrix
- I. Rank the work packages in terms of cost and select the most cost-effective options for inclusion in a series of Transition Architecture
- J. Schedule the roll out of the work packages to be sequential across the geographic regions.
- K. Use a Consolidated Gaps, Solutions and Dependencies Matrix as a planning tool
- L. For each gap classify whether the solution is either a new development, purchased solution, or based on an existing product
- M. Group the similar solutions together to define the work package
- N. Regroup the work packages into a set of Capability Increments to transition to the Target Architecture taking into account the schedule for clinical trials.
- O. Group the Solution Building Blocks from a Consolidated Gaps, Solutions and Dependencies Matrix into a set of work package
- P. Using the matrix as a planning tool, regroup the work packages to account for dependencies
- Q. Sequence the work packages into the Capability Increments needed to achieve the Target Architecture
- R. Schedule the rollout one region at a time
- S. Document the progression of the enterprise architecture using an Enterprise Architecture State Evolution table.

Answer: C

NEW QUESTION 56

- (Exam Topic 2)

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

- A. Sponsor
- B. Consumer
- C. Lead architect
- D. Stakeholder

Answer: D

Explanation:

Reference https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap03.html#tag_03_72

NEW QUESTION 57

- (Exam Topic 2)

According to TOGAF, which one of the following best describes an enterprise architecture?

- A. An architecture of a commercial organization
- B. An architecture that consists of more than one subsidiary company
- C. An architecture that crosses multiple systems, and multiple functional groups within the enterprise
- D. The highest level of architecture that can be achieved in a given organization

Answer: C

NEW QUESTION 58

- (Exam Topic 2)

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

- A. Business Architecture
- B. Data Architecture
- C. Architecture Vision
- D. Opportunities and Solutions
- E. Technology Architecture

Answer: D

NEW QUESTION 63

- (Exam Topic 2)

In TOGAF, what is the difference between an artifact and a deliverable?

- A. An artifact contains one or more deliverables
- B. Artifacts and deliverables are synonymous; there is no difference between them
- C. Deliverables are prepared by the Project Manager, whereas artifacts are defined by the Architect
- D. Deliverables are reusable, whereas artifacts are unique to a given architecture project
- E. Deliverables are specified as contractual outputs from a project, whereas artifacts are not

Answer: E

NEW QUESTION 65

- (Exam Topic 2)

During a TOGAF ADM cycle, an architecture is denoted as Version 10. What does this indicate?

- A. A draft, detailed architecture
- B. A formally reviewed, detailed architecture
- C. A formally reviewed, preliminary architecture
- D. A preliminary outline architecture
- E. A high-level outline architecture

Answer: B

NEW QUESTION 70

- (Exam Topic 2)

Which of the following statements best describes the Requirements Management process?

- A. The review of business requirements within the TOGAF ADM
- B. The prioritization and disposal of architecture requirements
- C. The management of architecture requirements throughout the ADM cycle
- D. The development of requirements that deliver business value
- E. The development of requirements for ADM Phase A

Answer: C

Explanation:

References:

NEW QUESTION 72

- (Exam Topic 1)

Which one of the following best describes the Architecture Vision document?

- A. An agreement between development partners and the sponsor on architecture deliverables
- B. A description of how the new capability will address stakeholder concerns
- C. A description of the scope and approach for completion of the architecture project
- D. A set of quantitative statements outlining requirements on the implementation
- E. A set of rules and guidelines to support fulfilling the mission of the organization

Answer: B

NEW QUESTION 77

- (Exam Topic 1)

Which ADM phase starts with the receipt of a Request for Architecture Work from the sponsoring organization?

- A. Phase A
- B. Phase B
- C. Phase H
- D. Preliminary Phase
- E. Requirements Management

Answer: A

NEW QUESTION 78

- (Exam Topic 1)

Which of the following best describes the TOGAF Architecture Development Method?

- A. A process for managing architecture requirements
- B. A classification mechanism for architectures and solutions
- C. A process for managing and controlling change at an enterprise-wide level
- D. A view of the Architecture Repository
- E. A process for developing an organization-specific enterprise architecture

Answer: E

NEW QUESTION 79

- (Exam Topic 1)

Complete the sentence. The TOGAF risk categorization after the implementation of mitigating actions is known as the level of risk.

- A. Critical
- B. Initial
- C. Intermediate
- D. Residual
- E. Unmitigated

Answer: D

NEW QUESTION 82

- (Exam Topic 1)

Which of the following describes an objective of Phase G: Implementation Governance?

- A. Finalize the Implementation and Migration Plan
- B. Establish the recourses for architecture governance
- C. Ensure conformance for the target architecture
- D. Operate the governance framework
- E. Develop the Target Technology Architecture

Answer: C

NEW QUESTION 86

- (Exam Topic 1)

Which of the following is an objective of Phase B, Business Architecture?

- A. To confirm the ability of the enterprise to undergo change
- B. To demonstrate how stakeholder concerns are addressed in the Business Architecture
- C. To develop a Target Technology Architecture to support the business
- D. To finalize the Architecture Vision and Architecture Definition documents
- E. To maximize the business value from the architecture

Answer: B

NEW QUESTION 89

- (Exam Topic 1)

Which is the final step in the architecture development Phases B, C, and D?

- A. Conduct formal stakeholder review
- B. Define Roadmap components
- C. Resolve impacts across the Architecture Landscape
- D. Create Architecture Definition Document
- E. Select reference models, architecture viewpoints and tools

Answer: D

Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap04.html>

NEW QUESTION 90

- (Exam Topic 1)

In which ADM phase does the value and change management process determine the circumstances under which the Enterprise Architecture is permitted to change after deployment?

- A. Phase F
- B. Phase E
- C. Phase G
- D. Phase H
- E. Preliminary Phase

Answer: D

Explanation:

Reference
<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap14.html>

NEW QUESTION 93

- (Exam Topic 1)

Complete the sentence. TOGAF covers the development of four architecture domains, Business, Data, Technology and _____.

- A. Application
- B. Capability
- C. Segment
- D. Transition
- E. Vision

Answer: A

NEW QUESTION 98

- (Exam Topic 1)

According to TOGAF, which of the following best describes Architecture Governance?

- A. A categorization mechanism for architecture and solution artifacts
- B. A framework for operational and change activity
- C. A method for designing an information system in terms of a set of building blocks
- D. The lifecycle management of information and related technology used by an organization
- E. The practice by which enterprise architectures are controlled at an enterprise-wide level

Answer: E

NEW QUESTION 100

- (Exam Topic 1)

What document is sent from the sponsoring organization to the architecture organization to trigger the start of an ADM cycle?

- A. Architecture Contract
- B. Architecture Definition Document
- C. Architecture Vision
- D. Request for Architecture Work
- E. Statement of Architecture Work

Answer: D

NEW QUESTION 104

- (Exam Topic 1)

Which of the following best describes the concept of Boundaryless Information Flow?

- A. Enabling the vision of an integrated information infrastructure
- B. Getting information to the right people at the right time in a secure, reliable and timely manner
- C. Enabling effective global communications between countries
- D. Enabling the flow of information to all stakeholders
- E. Providing a visual representation of information provider, consumer and brokering applications

Answer: B

NEW QUESTION 109

- (Exam Topic 1)

What level of risk is the risk categorization prior to determining and implementing mitigating actions?

- A. Critical
- B. Residual
- C. Low
- D. Marginal
- E. Initial

Answer: E

NEW QUESTION 113

- (Exam Topic 1)

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

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

Answer: E

NEW QUESTION 116

- (Exam Topic 1)

In which phase of the TOGAF ADM are Gap Analysis results from earlier phases consolidated?

- A. Phase D
- B. Phase E
- C. Phase F
- D. Phase G
- E. Phase H

Answer: B

NEW QUESTION 118

- (Exam Topic 1)

Which of the following best describes the TOGAF Technical Reference Model?

- A. It is a detailed data model that can be tailored to specific industries
- B. It is an example of a Common Systems Architecture
- C. It is a fundamental architecture upon which more specific architectures can be based
- D. It is a model of application components and application services software, including brokering applications

Answer: C

NEW QUESTION 122

- (Exam Topic 1)

According to TOGAF, in which sequence should Application Architecture and Data Architecture be developed in Phase C?

- A. Application Architecture should be developed first, then Data Architecture
- B. Application Architecture should be developed concurrently with Data Architecture
- C. Data Architecture should be developed first, then Application Architecture
- D. Application Architecture and Data Architecture may be developed in either sequence

Answer: D

NEW QUESTION 127

- (Exam Topic 1)

Which of the following does TOGAF provide as a set of reference materials for establishing an architecture function within an organization?

- A. Architecture Content Framework
- B. Technical Reference Model
- C. Integrated Information Infrastructure Reference Model
- D. Architecture Development Method
- E. Architecture Capability Framework

Answer: E

NEW QUESTION 129

- (Exam Topic 1)

In which Phase of the TOGAF ADM is the focus the creation of an Implementation and Migration Plan in co-operation with the portfolio and project managers?

- A. Phase F
- B. Phase D
- C. Phase G
- D. Phase E
- E. Phase A

Answer: A

Explanation:

Reference
<http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap14.html>

NEW QUESTION 132

- (Exam Topic 1)

What part of the Architecture Repository shows the building blocks that are currently in use within the organization?

- A. Architecture Landscape
- B. Architecture Metamodel
- C. Governance Log
- D. Reference Library
- E. Standards Information Base

Answer: A

NEW QUESTION 133

- (Exam Topic 1)

Which phase of the ADM ensures that implementation projects conform to the defined architecture?

- A. Requirements Management
- B. Phase D
- C. Phase F
- D. Phase G
- E. Phase H

Answer: D

NEW QUESTION 138

- (Exam Topic 1)

Within the Architecture Repository, what does the class of information known as the Architecture Capability include?

- A. The organization specific architecture framework, including a method for architecture development and a metamodel for architecture content
- B. A record of the governance activity across the enterprise
- C. Parameters, structures, and processes to support governance of the repository
- D. Specifications to which architecture must conform
- E. Patterns, templates, and guidelines used to create new architectures.

Answer: C

Explanation:

Reference
<http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap41.html>

NEW QUESTION 140

- (Exam Topic 1)

Which of the following describes a purpose of an Architecture Compliance review?

- A. Identifying business transformation risks for an architecture project
- B. Identifying where standards may require modification
- C. Identifying relationships between management frameworks
- D. Identifying stakeholders and their concerns

Answer: B

Explanation:

Reference
<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap24.html>

NEW QUESTION 144

- (Exam Topic 1)

Which one of the following best describes the next step in an Architecture Compliance Review once the scope of the review has been determined?

- A. Interview the project principals to obtain background information
- B. Prepare the Architecture Compliance Review report
- C. Schedule the Architecture Review meeting
- D. Send the assessment report to the Architecture Review coordinator
- E. Tailor the checklists to address business requirements

Answer: E

NEW QUESTION 146

- (Exam Topic 1)

What technique does TOGAF recommend for evaluating the status of an organization to undergo change?

- A. Business Transformation Readiness Assessment
- B. Business Value Assessment Technique
- C. Capability-Based Planning
- D. Communications and Stakeholder Management
- E. Gap Analysis

Answer: A

NEW QUESTION 149

- (Exam Topic 1)

Which one of the following does TOGAF state is an objective for Phase A: Architecture Vision?

- A. To create an implementation and migration strategy
- B. To establish an architecture change management process
- C. To priorities work packages and projects
- D. To validate the business principles, goals, drivers and key performance indicators

Answer: D

NEW QUESTION 152

- (Exam Topic 1)

Complete the sentence. According to the TOGAF standard, an _____ is a representation of a system from the perspective of a related set of _____.

- A. architecture view, stakeholders
- B. architecture viewpoint, stakeholders
- C. architecture viewpoint, architecture views
- D. architecture view, requirements
- E. architecture view, concerns

Answer: E

Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap03.html>

NEW QUESTION 153

- (Exam Topic 1)

In Phases B, C, and D of the ADM cycle the first step defined is to select reference models, viewpoints, and tools. Which of the following is the next step in each of these phases?

- A. Conduct formal stakeholder review
- B. Create Architecture Definition Document
- C. Develop Baseline Architecture
- D. Perform gap analysis
- E. Resolve impacts across the Architecture Landscape

Answer: C

NEW QUESTION 158

- (Exam Topic 1)

According to TOGAF, which of the following activities is described as part of the approach in the Preliminary Phase of the ADM?

- A. Creating the Architecture Vision deliverable
- B. Defining a set of Architecture Principles
- C. Developing an Architecture Contract
- D. Extending the business scenario with business modeling
- E. Preparing a consolidated Gap Analysis

Answer: B

NEW QUESTION 162

- (Exam Topic 1)

Which Architecture domain is recommended to be the first architecture work undertaken in the ADM cycle?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

Answer: B

NEW QUESTION 163

- (Exam Topic 1)

Complete the sentence by selecting the applicable pair of words. A/an _____ is used in Phase A to help identify and understand business _____ that the architecture has to address.

- A. activity model, perspective
- B. business scenario, requirements
- C. use case, interconnections
- D. architecture view, concerns
- E. business transformation readiness assessment, constraints

Answer: B

NEW QUESTION 164

- (Exam Topic 1)

Complete the sentence. The TOGAF Architecture Governance Framework includes .

- A. a list of responsibilities for running an Architecture Board
- B. a model for governance including process, content and context
- C. guidance for establishing an Architecture Capability using the ADM
- D. the Architecture Compliance review process and checklists

Answer: B

NEW QUESTION 165

- (Exam Topic 1)

Complete the sentence. According to TOGAF, all the following are responsibilities of an Architecture Board, except _____ .

- A. Allocating resources for architecture projects
- B. Decision making for changes in the architecture
- C. Enforcing Architecture Compliance
- D. Improving the maturity of the organization's architecture discipline
- E. Production of governance materials

Answer: A

NEW QUESTION 167

- (Exam Topic 1)

Which of the following does TOGAF describe as "a formal description of a system, or a detailed plan of the system at component level to guide its implementation"?

- A. Architecture
- B. Artifact
- C. Deliverable
- D. Model
- E. View

Answer: A

NEW QUESTION 169

- (Exam Topic 1)

Complete the sentence. According to TOGAF, all of the following are responsibilities of an Architecture Board, except _____.

- A. Ensuring consistency between sub-architectures
- B. Ensuring flexibility of the enterprise architecture to meet business needs
- C. Improving the maturity of the organization's architecture discipline
- D. Monitoring of architecture contracts
- E. Preparing architecture review reports

Answer: E

NEW QUESTION 170

- (Exam Topic 1)

Which component within the Architecture Repository holds best practice or template materials that can be used to construct architectures?

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

Answer: E

NEW QUESTION 175

- (Exam Topic 1)

Which of the following best describes a purpose of the Gap Analysis technique?

- A. To catch errors in a project architecture early
- B. To guide decision making throughout the enterprise
- C. To help identify and understand business requirements
- D. To highlight shortfalls between the baseline and target architectures
- E. To mitigate risk when implementing an architecture project

Answer: D

NEW QUESTION 176

- (Exam Topic 1)

Which section of the TOGAF template for Architecture Principles should highlight the business benefits for adhering to the principle?

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

Answer: C

NEW QUESTION 177

- (Exam Topic 1)

An ADM cycle can be used to establish an Architecture Capability within an organization. Which architecture produced in such a cycle would describe the architecture processes and organization structure?

- A. Business Architecture
- B. Application Architecture
- C. Technology Architecture
- D. Data Architecture
- E. Transition Architecture

Answer: A

Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap18.html>

NEW QUESTION 182

- (Exam Topic 1)

Which one of the following statements about the Requirements Management phase is true?

- A. All requirements fed into the phase are prioritized, and those of low priority are deferred until the next iteration of the ADM cycle
- B. The phase generates the requirements for a given ADM cycle using the Business Scenario technique

- C. The phase manages the flow of requirements, storing them, and feeding them in and out of the relevant ADM phases
- D. The phase operates like a waiting room, and all requirements fed in to the phase must be resolved by the end of the current ADM cycle
- E. The phase resolves the requirements that are fed into it from the other ADM phases

Answer: C

NEW QUESTION 187

- (Exam Topic 1)

The TOGAF ADM uses a version numbering convention to illustrate the evolution of Baseline and Target Architecture Definitions. What does Version 1.0 indicate according to this convention?

- A. A high-level outline architecture
- B. A preliminary outline architecture
- C. A formally reviewed, detailed architecture
- D. A draft, detailed architecture
- E. A formally reviewed, preliminary architecture

Answer: C

NEW QUESTION 192

- (Exam Topic 1)

Complete the sentence. The Architecture Landscape is divided into three levels, Strategic Architectures, Segment Architectures and _____.

- A. Baseline Architectures
- B. Capability Architectures
- C. Solution Architectures
- D. Target Architectures
- E. Transition Architectures

Answer: B

NEW QUESTION 193

- (Exam Topic 1)

Complete the sentence. During the implementation of an architecture, if the original Architecture Definition and requirements are not suitable, a _____ may be submitted to initiate further architecture work.

- A. Capability Assessment
- B. Change Request
- C. Requirements Impact Analysis
- D. Statement of Architecture Work

Answer: B

NEW QUESTION 195

- (Exam Topic 1)

Which of the following is a re-usable artifact that is used to create architecture models addressing stakeholder concerns?

- A. Catalog
- B. Matrix
- C. Diagram
- D. View
- E. Viewpoint

Answer: E

NEW QUESTION 196

- (Exam Topic 1)

Which of the following best describes the purpose of the Gap Analysis technique?

- A. To determine service levels for the architecture
- B. To establish quality metrics for the architecture
- C. To identify commercial building blocks to be purchased
- D. To identify missing functions
- E. To validate nonfunctional requirements

Answer: D

NEW QUESTION 199

- (Exam Topic 1)

Complete the sentence. There are five criteria that distinguish a good set of principles: Understandable, Robust, Complete, Consistent and _____.

- A. Agile
- B. Dynamic
- C. Comprehensive
- D. Rational
- E. Stable

Answer: E

NEW QUESTION 200

- (Exam Topic 1)

Complete the sentence, The Architecture Landscape is divided into three levels, Capability Architectures, Segment Architectures, and _____.

- A. Baseline Architectures
- B. Solution Architectures
- C. Strategic Architectures
- D. Target Architectures
- E. Transition Architectures

Answer: C

NEW QUESTION 202

- (Exam Topic 1)

Which of the following describes the TOGAF classification in Phase H for a simplification change?

- A. A change driven by a requirement to derive additional value from the existing investment
- B. A change driven by a requirement to increase investment in order to create new value for exploitation
- C. A change driven by a requirement to reduce investment
- D. A change driven by a requirement to re-align with the business strategy
- E. A change driven by a requirement to simplify communication between stakeholders

Answer: C

NEW QUESTION 204

- (Exam Topic 1)

According to TOGAF, which of the following best describes the classification of architectural change in the case where multiple server systems are being consolidated to a single system?

- A. A bottom-up change to enhance operational capability
- B. An incremental change handled via change management techniques
- C. A re-architecting change that puts the whole architecture through an ADM cycle
- D. A revision change of the enterprise architecture
- E. A simplification change handled via change management techniques

Answer: E

NEW QUESTION 206

- (Exam Topic 1)

Which section of the TOGAF template for Architecture Principles should describe situations where one principle would be given precedence over another?

- A. Implications
- B. Name
- C. Rationale
- D. Statement
- E. Trade-offs

Answer: C

NEW QUESTION 210

- (Exam Topic 1)

Which one of the following is considered a relevant architecture resource in ADM Phase D?

- A. Generic data models relevant to the organization's industry sector
- B. Existing application models
- C. Generic technology models relevant to the organization's industry sector
- D. Existing IT services

Answer: C

Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap12.html>

NEW QUESTION 214

- (Exam Topic 1)

In Phases B, C, and D which is the final step in each phase?

- A. Conduct formal stakeholder review
- B. Create Architecture Definition Document
- C. Define Roadmap components
- D. Perform gap analysis
- E. Select reference models, viewpoints and tools

Answer:

B

NEW QUESTION 219

- (Exam Topic 1)

Which part of TOGAF describes a step-by-step approach to developing an enterprise architecture?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Content Framework
- D. Architecture Development Method
- E. Enterprise Continuum & Tools

Answer: D

NEW QUESTION 221

- (Exam Topic 2)

In Phase D of the ADM cycle, if you are following the order of the steps defined and the current step is to perform gap analysis, what is the next step?

- A. Develop Baseline Architecture
- B. Define candidate roadmap components
- C. Create Architecture Definition Document
- D. Resolve impacts across the Architecture Landscape
- E. Conduct formal Stakeholder review

Answer: B

Explanation:

Reference
<http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap12.html>

NEW QUESTION 223

- (Exam Topic 2)

Which of the following best describes the TOGAF Architecture Development Method?

- A. A method for controlling change at an enterprise-wide level
- B. A method for developing an organization-specific architecture
- C. A method for managing architecture requirements
- D. A method for classifying architectures and solutions
- E. A method for creating an Architecture Repository

Answer: B

Explanation:

Reference <https://www.visual-paradigm.com/guide/togaf/togaf-adm-tutorial/>

NEW QUESTION 227

- (Exam Topic 2)

Complete the sentence. TOGAF 9 Part III provides techniques, such as developing principles and gap analysis, to support tasks within the _____

- A. Architecture Capability Framework
- B. Architecture Continuum
- C. Architecture Development Method
- D. Architecture Landscape
- E. Architecture Repository

Answer: C

NEW QUESTION 232

- (Exam Topic 2)

An association of companies has defined a data model for sharing inventory and pricing information. Which of the following best describes where this model would fit in the Architecture Continuum?

- A. Foundation Architecture
- B. Common Systems Architecture
- C. Industry Architecture
- D. Organization Specific Architecture
- E. Product Line Architecture

Answer: C

NEW QUESTION 235

- (Exam Topic 2)

Complete the sentence. Capability-Based Planning is a technique that _____

- A. ensures timely solutions
- B. identifies services to be shared
- C. focuses on business outcomes

- D. ensures the application of business best practices
- E. ensures business information is communicated to the right people at the right time

Answer: C

NEW QUESTION 240

- (Exam Topic 2)

Complete the sentence. The Integrated Information Infrastructure Reference Model (III-RM) is an example of a (n) _____ Architecture reference model

- A. Application
- B. Business
- C. Data
- D. Technology

Answer: A

NEW QUESTION 241

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

Your role is that of Lead Enterprise Architect within the staff headquarters of a large hotel chain. The chain manages over 500 hotels across North America and Canada, with another 230 hotels internationally in the United Kingdom, Europe, Australia and New Zealand. Unlike other hotel chains, which are often a mix of company-owned and franchised units, each hotel in the chain is an independently owned and operated franchise. Many of the hotels use the same internal IT systems that they used before they joined the franchise. Until recently, the only requirement that has been placed on each hotel is that they use a standard financial reporting system to report their financial results to the headquarters on a weekly basis.

The CEO of the chain has stated his concerns about the inefficiencies of the current approach and identified the need to change. He has defined a new strategic vision that will enhance the business by providing its franchisees new support services including worldwide reservations, global, national and regional marketing as well as consolidated financial, logistics, and yield management. This strategy is part of the long-term commitment to enhance the brand image and drive superior revenue for the chain. He has also stated that he expects improved financial results by the end of the current fiscal year.

These changes will provide the chain with improved utilization of its capacity and more efficient operations. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising into key national and regional markets to improve yields.

The chain has a mature enterprise architecture practice based in its headquarters and uses TOGAF 9 as the method and guiding framework. The CIO is the sponsor of the activity.

In planning this change, the Chief Architect engaged the services of a well-known consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the CEO's vision. This recently completed with approval of a strategic architecture encompassing the entire chain, including detailed requirements and recommendations.

Based on the recommendations from the initial study, the chain has taken the decision to adopt a packaged suite of integrated applications that is tailored to the needs of the hospitality industry.

Refer to the scenario

You have been asked by the Chief Architect to propose the best approach for architecture development to realize the CEO's vision.

Based on TOGAF, which of the following is the best answer?

- A. You propose that this engagement define the baseline Technology Architecture first in order to assess the current infrastructure capacity and capability
- B. Then the focus should be on transition planning and architecture deployment
- C. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.
- D. You propose that the target architecture is defined first, followed by transition planning
- E. This is because the vision is well understood and the strategic architecture agree
- F. The target first approach will ensure that the current problems and inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial study.
- G. You propose that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy
- H. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement
- I. You would ensure that the target architecture addresses non-functional requirements so as to ensure the target architecture is robust and secure.
- J. You propose that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This is because the initial study identified the need to change
- K. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.

Answer: D

NEW QUESTION 246

- (Exam Topic 2)

Complete the sentence. According to TOGAF, the simplest way of thinking about the Enterprise Continuum is as a _____

- A. Configuration Database
- B. library of architecture artifacts
- C. Requirements Management System
- D. Standards Information Base
- E. view of the Architecture Repository

Answer: E

NEW QUESTION 248

- (Exam Topic 2)

Which of the following does the TOGAF standard classify as catalogs, matrices and diagrams?

- A. Building Blocks
- B. Frameworks
- C. Application Platform Interfaces
- D. Deliverables
- E. Artifacts

Answer: E

NEW QUESTION 252

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are working as a consultant to the Chief Architect at an intelligence and security organization responsible for securing government communications and information systems. These provide real-time, highly secure communication of voice, video, and message data to remote locations around the world. The agency has recently received information from intelligence sources that the current encryption protocols may no longer be secure. In response, a program is underway to upgrade the systems.

The agency has an established Enterprise Architecture (EA) capability based on the TOGAF standard. The Executive Director of the agency is the sponsor of the EA capability.

Since reliable, high-performance, and secure communications are essential to preserving national security, the Executive Director has placed more stringent requirements for the architecture of the upgraded systems. It must be able to provide assurance and verification of specific performance measures on the key services that are most crucial for system operation. Focusing on these service-level details and specific measurements, will allow stricter requirements to be enforced in service contracts. It will also provide a high degree of assurance that necessary performance is being delivered and that notifications will occur if any critical service fails to perform as required.

A portion of the program budget has been allocated to context a review of the EA. The scope of the review is to evaluate the processes, content and governance of the EA capability to ensure that the higher target performance and service levels required by the upgraded system can be achieved.

The Chief Architect has noted that the core EA artifacts that have been in use are not able to describe these new capabilities. The artifacts do not have explicit provisions for defining the in-depth measurement

requirements regarding specific services required for the system. She has learned that certain services within the current system have service measurement implementations that match some of the new requirements, but they are only used in a few areas.

Recent EA efforts at another national agency have produced generalized high-performance communication system models to realize similar requirements in a critical defense system involving secure communications. It is possible that these models may be useful for the upgrade program.

Refer to the Scenario

[Note: You may need to refer to the Content Metamodel chapter, section 30.4 (located in Part IV) of the reference text in order to answer this question.]

You have been asked to make recommendations for tailoring the Architecture Content Metamodel to accommodate the requirements of the upgraded system.

Based on the TOGAF standard, which of the following is the best answer?

- A. You recommend that a Communications Engineering view is created using the infrastructure consolidation extension from the Architecture Content Metamodel
- B. This view will allow architects to align the needed performance measurement communications across the system
- C. This will support the stringent performance measurements needed for the more detailed governance views required for the upgraded system, making the interfaces to the communication and network layer of the architecture highly visible at the application level.
- D. You recommend that the services extension be incorporated into the Architecture Content Metamodel. By using this extension, the service model is no longer constrained by what is expected in typical business service definitions, allowing more flexibility for adding customized models to support the more stringent measurement requirement
- E. The services extension can also be used to map terminology between the business services and the application components.
- F. You recommend that the motivation and governance extension are incorporated into the Architecture Content Metamodel
- G. Using these extensions will allow modeling the goals, objectives and drivers for the architecture, linking them to service levels and more detailed governance model
- H. This will also enable the ability to re-use existing profiles, customizing them for the various service contracts involved.
- I. You recommend all of the extensions be incorporated into the Architecture Content Metamodel
- J. The full Content Metamodel will enable the EA team to capture and categorize all the important additional data needed to support the performance and measurement objectives linked to these artifacts
- K. Once the new repository content has been implemented, on-demand queries can be used to generate a customized governance stakeholder view that isolates the artifacts and data needed to assess measurement for any particular service
- L. If this view is found to be inadequate for the governance concerns, the service models within those artifacts can be expanded.

Answer: B

NEW QUESTION 255

- (Exam Topic 2)

Which part of the TOGAF standard provides a full description of each architecture phase?

- A. Architecture Capability Framework
- B. Architecture Development Method
- C. ADM Guidelines and Techniques
- D. Enterprise Continuum & Tools

Answer: B

NEW QUESTION 258

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the question

Your role is consultant to the Lead Architect within a company that manufactures electromechanical devices. The company is organized as independent operational divisions.

The company has a mature Enterprise Architecture (EA) practice and uses the TOGAF standard for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

A strategic architecture has been approved that includes consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating in several of the divisions' production facilities. The

goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

Each division has completed the Architecture Definition documentation required to tailor and configure the environment to meet its own specific manufacturing requirements.

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains.

Using the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on

all of these factors they have produced a risk assessment.

The implementation process is estimated to take four years. Because of the risks posed by the complexity of the current environment, a phased approach is needed to implement the target architectures. The Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables are now complete.

You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan. Based on the TOGAF standard, which of the following is the best answer?

- A. You would assess how the plan impacts the other frameworks in use in the organization
- B. The plan should be coordinated with the business planning, portfolio/project management and operations management framework
- C. You would then assign a business value to each project, considering available resources and priorities for the project
- D. Finally, you would generate the Implementation and Migration Plan.
- E. You would apply the Business Value Assessment Technique to prioritize the implementation projects and project increment
- F. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation
- G. You would confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the project
- H. You would then document the lessons learned and generate the final plan.
- I. You would place the strategic Architecture Definition and Transition Architectures under configuration control as part of the ongoing architecture development cycle
- J. This will ensure that the architecture remains relevant and responsive to the needs of the enterprise
- K. You would then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the plan
- L. You recommend that lessons learned be accepted by the Architecture Board as changes to the architecture without review.
- M. You would conduct a series of Compliance Assessments to ensure that the implementation team is implementing the architecture according to the contract
- N. The Compliance Assessment should verify that the implementation team is using the proper development methodology
- O. It should include deployment of monitoring tools and ensure that performance targets are being met
- P. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.

Answer: A

NEW QUESTION 261

- (Exam Topic 2)

Which one of the following describes a purpose of an Architecture Compliance review?

- A. To define the capabilities of the organization
- B. To communicate the technical readiness of the project
- C. To evaluate the readiness of the organization to undergo change
- D. To produce a new Request for Architecture Work

Answer: B

NEW QUESTION 263

- (Exam Topic 2)

Which one of the following does TOGAF Part VII recommend in order to implement an Enterprise Architecture Capability?

- A. Develop an Architecture Roadmap
- B. Populate the Architecture Repository
- C. Populate the Enterprise Continuum
- D. Use the Architecture Development Method
- E. Use the Implementation Governance Phase

Answer: D

NEW QUESTION 267

- (Exam Topic 2)

Which of the following statements does NOT correctly describe Architecture Principles?

- A. They are most effective when they are embraced and used across the organization
- B. They are based on enterprise principles
- C. They are detailed policies that prescribe behaviors and requirements
- D. Even though they may appear generic, they should be tailored to reflect an organization's culture and goals

Answer: C

NEW QUESTION 272

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