

Exam Questions OG0-093

OG0-093 TOGAF 9 Combined Part 1 and Part 2

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NEW QUESTION 1

- (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 2

- (Exam Topic 1)

Which of the following architectures in the Architecture Continuum contains the most re-usable architecture elements?

- A. Common Systems Architectures
- B. Foundation Architectures
- C. Industry Architectures
- D. Organization-Specific Architectures

Answer: B

NEW QUESTION 3

- (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 4

- (Exam Topic 1)

Which of the following is described by the TOGAF Architecture Content Framework as a type of artifact that shows relationships between things?

- A. Building Block
- B. Catalog
- C. Diagram
- D. Matrix
- E. Deliverable

Answer: D

NEW QUESTION 5

- (Exam Topic 1)

Which of the following is described by the TOGAF document as “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 6

- (Exam Topic 1)

Which of the following statements best describes the purpose of enterprise architecture?

- A. To allow an enterprise to exploit the latest trends in technology
- B. To enable the CIO to take effective control of the business units across an enterprise
- C. To ensure compliance in an enterprise to corporate auditing standards
- D. To optimize an enterprise into an environment that is responsive to business needs
- E. To provide a set of standards that all actors must adhere to within an enterprise

Answer: D

NEW QUESTION 7

- (Exam Topic 1)

Which of the following best describes the purpose of the Business Transformation Readiness Assessment technique?

- A. To determine if the organization is ready to undergo change
- B. To determine if the stakeholders support the implementation plan
- C. To ensure that there are adequate trained engineers to develop the solution
- D. To ensure that there is sufficient funding to execute the transformation
- E. To plan the migration steps needed to achieve the transformation

Answer: A

NEW QUESTION 8

- (Exam Topic 1)

TOGAF Part VII, Architecture Capability Framework recommends use of an ADM cycle for establishing an architecture practice. In this scenario, which architecture would describe the organizational structure for the architecture practice?

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

Answer: B

NEW QUESTION 9

- (Exam Topic 1)

Which of the following describes how the Enterprise Continuum is used when developing an Enterprise Architecture?

- A. To describe how an architecture addresses stakeholder concerns
- B. To identify and understand business requirements
- C. To classify architecture and solution assets
- D. To coordinate with the other management frameworks in use

Answer: C

NEW QUESTION 10

- (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 10

- (Exam Topic 1)

In which Phase of the ADM does the business scenario technique figure most prominently?

- A. Preliminary
- B. Architecture Vision
- C. Business Architecture
- D. Information Systems Architectures
- E. Technology Architecture

Answer: B

NEW QUESTION 15

- (Exam Topic 1)

In which part of the ADM cycle are building blocks evolved using a common platform of steps?

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

Answer: B

NEW QUESTION 20

- (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 23

- (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 25

- (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 30

- (Exam Topic 1)

Which ADM phase provides architectural oversight of the implementation?

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

Answer: D

NEW QUESTION 33

- (Exam Topic 1)

What level of the Architecture Landscape provides a long-term summary view of the entire enterprise?

- A. Capability Architecture
- B. Operational Architecture
- C. Segment Architecture
- D. Strategic Architecture
- E. Tactical Architecture

Answer: D

NEW QUESTION 37

- (Exam Topic 1)

In which of the following ADM Phases 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 40

- (Exam Topic 1)

Complete the sentence. TOGAF defines five criteria for a good set of principles: Complete, Consistent, Stable, Understandable and _____.

- A. Agile,
- B. Dynamic
- C. Comprehensive
- D. Robust
- E. Strategic

Answer: D

NEW QUESTION 42

- (Exam Topic 1)

Which of the following best describes the purpose of the Business Scenarios technique?

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

Answer: C

NEW QUESTION 43

- (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 47

- (Exam Topic 1)

A key step in validating a proposed target architecture is to consider what may have been forgotten. What technique does TOGAF recommend to address this issue?

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

Answer: E

NEW QUESTION 48

- (Exam Topic 1)

TOGAF uses a version numbering convention to illustrate the evolution of the Baseline and Target Architecture Definitions. Which version number in this convention indicates a high-level outline of the architecture?

- A. Version 1.0
- B. Version 0.9
- C. Version 0.5
- D. Version 1.5
- E. Version 0.1

Answer: E

NEW QUESTION 53

- (Exam Topic 1)

Which one of the following statements about TOGAF Building Blocks is true?

- A. Building blocks at a functional level are known as Solutions Building Blocks
- B. Solutions Building Blocks are selected in Phases A, B, C and D
- C. The specification of a building block should be loosely coupled to its implementation
- D. The gap analysis technique should be used to identify building blocks for re-use

Answer: C

NEW QUESTION 57

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 59

- (Exam Topic 1)

Which of the following does the TOGAF ADM recommend for use in developing the Architecture Vision?

- A. Architecture Principles
- B. Business Scenarios
- C. Interoperability Analysis
- D. Migration Planning Techniques
- E. Risk Management Techniques

Answer: B

NEW QUESTION 61

- (Exam Topic 1)

According to TOGAF, which of the following types of architecture has major characteristics that include open system standards and general building blocks?

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

Answer: B

NEW QUESTION 62

- (Exam Topic 1)

Why does the TOGAF standard recommend that the Business Architecture be developed first?

- A. It contains a high level description of the business strategy for the organization
- B. It mobilizes operations to support the ongoing business architecture development
- C. It provides prerequisite knowledge for undertaking architecture work in the other domains
- D. It is the key document describing how the new architecture capability will meet the business goals
- E. It includes preparation activities such as customization of the method

Answer: C

Explanation:

Reference

<http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap06.html>

NEW QUESTION 67

- (Exam Topic 1)

Which section of the TOGAF document contains a structured metamodel for architectural artifacts?

- A. Part II: Architecture Development Method
- B. Part III: ADM Guidelines and Techniques
- C. Part IV: Architecture Content Framework
- D. Part VI: TOGAF Reference Models
- E. Part VII: Architecture Capability Framework

Answer: C

NEW QUESTION 68

- (Exam Topic 1)

What technique does TOGAF recommend that focuses on achieving business outcomes rather than just technical deliverables?

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

Answer: C

NEW QUESTION 70

- (Exam Topic 1)

Which model within TOGAF is closely related to the concept of Boundaryless Information Flow?

- A. The ARTS data model
- B. The Architecture Governance Framework
- C. The Enterprise Continuum
- D. The Integrated Information Infrastructure Model
- E. The TOGAF Technical Reference Model

Answer: D

NEW QUESTION 73

- (Exam Topic 1)

Which of the following best describes the need for the ADM process to be governed?

- A. To enable development of reference architectures
- B. To enable a fast response to market changes
- C. To build a top-down, all-inclusive architecture description
- D. To permit the architecture domains to be integrated
- E. To verify that the method is being applied correctly

Answer: E

NEW QUESTION 77

- (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 81

- (Exam Topic 1)

According to TOGAF, 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 govern the architecture throughout its implementation process
- D. To provide a high-level view of the end architecture product
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Answer: A

NEW QUESTION 84

- (Exam Topic 1)

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

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

Answer: C

NEW QUESTION 85

- (Exam Topic 1)

Which one of the following is responsible for the acceptance and sign-off of an Architecture Compliance review?

- A. Architecture Board
- B. Architecture Review Coordinator
- C. CIO
- D. Lead Enterprise Architect
- E. Project Leader

Answer: A

NEW QUESTION 87

- (Exam Topic 1)

Which ADM Phase includes obtaining approval for the Statement of Architecture Work?

- A. Preliminary Phase
- B. Phase A: Architecture Vision
- C. Phase D: Technology Architecture
- D. Phase F: Migration Planning
- E. Phase G: Implementation Governance

Answer: B

NEW QUESTION 91

- (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 96

- (Exam Topic 1)

Which of the following describes an objective of the Preliminary Phase?

- A. Develop a vision of the proposed enterprise architecture
- B. Document the baseline architecture
- C. Obtain approval for the Statement of Architecture Work
- D. Operate the governance framework
- E. Select and implement tools

Answer: E

NEW QUESTION 101

- (Exam Topic 1)

Which part of the TOGAF document describes an overview of typical architecture deliverables?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Content Framework
- D. Enterprise Continuum & Tools
- E. TOGAF Reference Models

Answer: C

NEW QUESTION 105

- (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 110

- (Exam Topic 1)

Which of the following best describes how TOGAF defines an enterprise?

- A. Any collection of organizations that has a common set of goals
- B. Any corporation with more than 10,000 employees
- C. Any organization involved in commerce
- D. Any organization whose stock is traded
- E. Any set of organizations based at the same geographic location

Answer: A

NEW QUESTION 111

- (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 114

- (Exam Topic 1)

Complete the sentence. A gap analysis will enable the architect to do all of the following except .

- A. identify building blocks that have been inadvertently omitted
- B. identify building blocks that have been intentionally eliminated
- C. identify building blocks to be carried over
- D. identify new building blocks that are needed
- E. identify potential vendors to provide new building blocks

Answer: E

NEW QUESTION 115

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

The ABC company specializes in the development of wind turbine blades for use in large-scale commercial wind energy production systems. The company has manufacturing facilities located in Palm Springs, California, Omaha, Nebraska, and Winnipeg, Manitoba. Each of these plants supplies a different manufacturer that builds and sells complete systems. The turbine blades are custom engineered to meet each manufacturer's design specifications.

Until recently, most turbine blades were fabricated manually using molded fiber-reinforced plastics. However, recent improvements in composite materials, coupled with enhanced automated methods for precision application of materials during the molding process, have led to significant reduction in weight, increase in strength, and greatly improved blade longevity. The company has pioneered the development of a proprietary automated process for continuous extrusion of the turbine blades. Patents have been filed to protect the process, but certain trade secrets must be closely guarded.

The company has a mature Enterprise Architecture organization that is supported by a cross-functional Architecture Review Board. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

The company has used TOGAF and its Architecture Development Method (ADM) to develop its automated manufacturing processes and systems that are used to design, manufacture, and test the blade assemblies. They have adapted their Enterprise Architecture to closely follow the TOGAF 9 framework. All of the company's enterprise architects have been trained and certified on TOGAF 9. Recently, an architecture project was completed that defined a standard approach for controlling the Automated Test System that is used at each plant to perform final quality assurance tests on each completed blade assembly. The Manufacturing Architecture Board approved the plan for immediate implementation at each plant.

An Architecture Contract was developed that detailed the work needed to implement and deploy the new Automated Test System controller. The Chief Engineer, sponsor of the activity, has expressed concern that a uniform process be employed at each site to ensure consistency.

Refer to the Scenario

You are the Lead Architect for this activity.

You have been asked to recommend the best approach to adopt to address the Chief Engineer's concern. Based on TOGAF 9, which of the following is the best answer?

- A. You create an Architecture Contract to manage and govern the implementation and migration process
- B. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- C. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization. You recommend that if a deviation from the contract is detected, the Manufacturing Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local need
- D. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.
- E. You create an Architecture Contract to manage and govern the implementation and migration process
- F. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- G. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization. You recommend that if a deviation from the Architecture Contract is detected, the Manufacturing Architecture Board grant a dispensation ID allow the implementation organization the ability to customize the process to meet their local needs.
- H. You create an Architecture Contract to manage and govern the implementation and migration process
- I. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- J. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization. You ensure that the Manufacturing Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
- K. You create an Architecture Contract to govern the implementation and migration process at each site
- L. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- M. You ensure that the contract addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management
- N. You then schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the Architecture Definition
- O. Based on the results, you ensure that the Manufacturing Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

Answer: D

Explanation:

Incorrect:

Not C: correct, but missing contract see 49.2.2.. Note:

* Dispensations

A dispensation is used as the mechanism to request a change to the existing architectures, contracts, principles, etc. outside of normal operating parameters; e.g., exclude provision of service to a subsidiary, request for unusual service levels for specific business reasons, deploy non-standard technology or products to support specific business initiatives.

Dispensations are granted for a given time period and set of identified services and operational criteria that must be enforced during the lifespan of the dispensation. Dispensations are not granted indefinitely, but are used as a mechanism to ensure that service levels and operational levels, etc. are met while providing a level flexibility in their implementation and timing. The timebound nature of dispensations ensures that they are a trigger to the Architecture Compliance activity.

NEW QUESTION 118

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the question

You are serving as the Lead Enterprise Architect for a chain of convenience stores. The stores operate 24 hours a day and 7 days a week and use cloud-based point-of-sale (POS) technology to manage their sales and inventory. Cloud-based POS systems store all user data, including sales and inventory in a remote server.

The cloud-based systems collect real-time data to support ordering and product selection decisions including the tailoring of product assortment based on sales history, customer demographics as well as the next day's weather forecast. In many cases, several stores are located in neighboring areas. This strategy makes distribution to each store cheaper, as well as making multiple deliveries per day possible. The stores also act as self-service delivery locations for a large online retailer which further increases the number of potential customers entering the stores.

An Enterprise Architecture practice exists within the company, with the CEO and CIO as joint sponsors. They have decided to adopt TOGAF standard within the practice and the first project is to restructure the Enterprise Architecture so that it can better support the existing environment and accommodate future changes of strategy within the company.

The CIO has stated that the following issues need to be addressed in the restructuring:

- They need to address problems with data quality and inconsistent data in order to support better decision making and analysis.
- The architecture should focus on the needs of the business, not technology
- To remain competitive, new products and promotions must undergo market trials before deployment across the retail chain. Information systems must be able to manage changes and updates without undue delays.

[Note: You should assume that the company has adopted the example set of principles that are listed and defined in TOGAF standard, Architecture Principles chapter. You may need to refer to the Architecture Principles chapter, section 20.6 (located in Part III) within the reference text in order to answer this question.] You have been asked to identify the most relevant architecture principles for the current situation. Based on the TOGAF standard, which of the following is the best answer? [Note: The ordering of the principles listed in each answer is not significant.]

- A. Requirements Based Change, Responsive Change Management, Data Trustee, Common Vocabulary and Data Definitions, Business Continuity
- B. IT Responsibility, Data Security, Ease of Use, Service Orientation, Common Use Applications
- C. Maximize Benefit to the Enterprise, Data Trustee, Data is an Asset, Responsive Change Management, Interoperability
- D. Data is Accessible, Data is Shared, Interoperability, Requirements Based Change, Control Technical Diversity

Answer: C

NEW QUESTION 122

- (Exam Topic 2)

Gap Analysis is a technique used in Phases B, C, D and E. Which one of the following statements best describes the gap analysis technique?

- A. It highlights areas of stakeholder concern
- B. It highlights the impacts of change
- C. It highlights services that are yet to be developed
- D. It highlights services that are available
- E. It highlights different viewpoints

Answer: C

NEW QUESTION 124

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for the enterprise architecture team at a multinational company. The company has grown rapidly by acquisition and has inherited numerous supply chain processes and related IT systems. Several supply chain processes have had problems related to the timing of purchases, which has led to excess inventory. The Vice President in charge of Supply Chain Management has made the decision to consolidate and reduce redundant processes and systems. The company will move to a "Just-in-time" supply chain management system so as to keep inventory costs low.

The TOGAF standard is used for internal Enterprise Architecture activities. This project is using an iterative approach for executing the Architecture Development Method (ADM).

At present, there are no particularly useful architectural assets in the Architecture Repository related to this initiative. All assets will need to be acquired, customized, or created. The company prefers to implement commercial off the shelf package applications with little customization. The CIO, who is the project sponsor, has stated that she is not concerned about preserving the existing supply chain management processes or systems.

The architecture development project has completed Phase A and has started a number of iteration cycles to develop the Architecture. As a packaged application is being considered, the next iteration will include both the Business, Application and Data Architectures. Key stakeholder concerns that should be addressed by these architectures include:

- * 1. What groups of people should be involved in supply chain management-related business processes?
- * 2. What non-supply chain management applications will need to be integrated with the new supply chain management applications?
- * 3. What data will need to be shared? Refer to the Scenario

[Note: You may need to refer to Chapter 35 of the reference text in order to answer this question.] You have been asked to identify the most appropriate catalogs, matrices, and diagrams to support the next iteration of Architecture development.

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

- A. In the next iteration of Architecture development, you would describe the Baseline Business Architecture with a Value Chain diagram and a Baseline Business Process catalog
- B. You would describe the Baseline Data Architecture with a Data diagram
- C. You would describe the Baseline Application Architecture with an Environment and Location diagram.
- D. In the next iteration of Architecture development, you would describe the Target Business Architecture with an Organization/Actor catalog, a Business Service/Function catalog and Data Lifecycle diagram
- E. You would describe the Target Application Architecture with an Application Interaction matrix and Application Communications diagrams.
- F. You would describe the Baseline Business Architecture with a Business Service/Function catalog, an Organization/Actor catalog and a Data Entity/Business Function matrix
- G. You would describe the Baseline Data Architecture using a Data Entity/Data Component catalog
- H. You would describe the Baseline Application Architecture with an Application/Function matrix.
- I. You would describe the Target Business Architecture with a Business Service/Function catalog, and a Business Interaction matrix
- J. You would describe the Target Data Architecture with a Data Entity/Business Function matrix and an Application/Data matrix
- K. You would describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix.

Answer: B

NEW QUESTION 127

- (Exam Topic 2)

Which model within TOGAF is intended to assist with the release management of the TOGAF specification?

- A. The Capability Maturity Model
- B. The Document Categorization Model
- C. The Integrated Infrastructure Information Model
- D. The Organizational Model for Enterprise Architecture
- E. The Technical Reference Model

Answer: B

NEW QUESTION 131

- (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 133

- (Exam Topic 2)

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

- A. Segment Architectures, and Capability Architectures
- B. Solution Architectures, and Corporate Architectures
- C. Gap Architectures, and Target Architectures
- D. Transitional Architectures, and Incremental Architectures
- E. Baseline Architectures, and To Be Architectures

Answer: A

NEW QUESTION 135

- (Exam Topic 2)

Which phase of the ADM focuses on the governance and management of the Architecture Contracts that cover the overall implementation and deployment process?

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

Answer: D

NEW QUESTION 140

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Chief Architect for a large, global commodities trading company which has been growing rapidly through a series of acquisitions. Each business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone. As a result, the company has made the decision to introduce a single enterprise-wide application to consolidate information from several applications that exist across the lines of business. The application will be used by all business units and accessed by suppliers through well defined interfaces.

Refer to the Scenario

As part of the process for establishing the Enterprise Architecture department, you are developing a set of architecture principles to guide the activities.

You need to specify the best approach for this work.

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

- A. You gather information from credible industry sources in the commodities business
- B. Based on that, you assess current trends and apply that to defining a set of principles that embody best practice
- C. You select architecture principles that do not conflict with each other and that should be stable
- D. You ensure that all the principles are realistic and avoid including principles that are obvious.
- E. You examine the mission statements for the company and each of its businesses, together with the corporate value statement
- F. Based on that, you define a set of principles and review with the CIO
- G. When developing the principles, you ensure that they actively promote the alignment of IT with the business strategies and initiatives of the company
- H. You then seek the endorsement of the CIO and senior management.
- I. You define a set of principles that support the preferred best practices embodied in the Enterprise Architecture department charter
- J. You publish the principles on the corporate intranet to ensure widespread acceptance and compliance
- K. You then schedule regular periodic Compliance Assessments with individual business units to check that they have made satisfactory progress toward meeting the objectives and conditions embodied in the principles.
- L. You examine the mission statements for the company and each of its businesses, together with the corporate value statement
- M. Based on that, you work with the Architecture Board to define the principles
- N. When developing the principles, you ensure that they actively promote the alignment of IT with the corporate business strategies
- O. You then hold a series of review meetings with all the relevant stakeholders, including senior management, ensuring their support.

Answer: D

NEW QUESTION 141

- (Exam Topic 2)

Complete the sentence. In the TOGAF Architecture Content Framework, an artifact that is a list of things is known as a _____ .

- A. building blocks
- B. matrix
- C. catalog
- D. deliverable
- E. diagram

Answer: C

NEW QUESTION 145

- (Exam Topic 2)

Complete the sentence. The TOGAF Technical Reference Model _____

- A. is an example and should be tailored to the needs of an organization
- B. must be used "as is" for developing comprehensive architecture models
- C. contains several industry specific frameworks
- D. is intended to contain the Enterprise Continuum
- E. contains only solution building blocks

Answer: A

NEW QUESTION 147

- (Exam Topic 2)

Complete the sentence. A server consolidation project that does not change the operating characteristics of the applications would require _____.

- A. a complete ADM cycle
- B. a complete re-architecting change
- C. a full revision of the enterprise architecture
- D. an incremental change
- E. a simplification change

Answer: E

NEW QUESTION 150

- (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 151

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

The ABC company started as an accounting and financial services company. It has expanded over the years and is now a leading North American IT and Business Services provider.

With numerous practice areas and a multitude of diverse engagements underway at any given time, overall engagement management has become challenging.

The company does not want to risk its outstanding

reputation or its international certifications and CMM ratings. Senior partners must become team players, working to support the broader needs of the company and its shareholders.

The Enterprise Architecture team has been working to create the company's Enterprise Architecture framework to address these issues. The team has defined a preliminary framework and held workshops with key stakeholders to define a set of 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.

An Architecture Review Board has been formed comprised of IT staff executives and executives from the major practice areas.

The Chief Executive Officer and Chief Information Officer have co-sponsored the creation of the Enterprise Architecture program. The Enterprise Architecture framework is based on TOGAF 9.

As the EA team prepare to formulate an Implementation plan, they have been asked by the CIO to assess the risks associated with the proposed architecture. He has received concerns from senior management 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 assigned to the role of Chief Enterprise Architect.

You have been asked to recommend an approach to satisfy the concerns raised. Based on TOGAF 9, which of the following is the best answer?

- A. An interoperability analysis should be applied to evaluate any potential issues across the Solution Architecture
- B. Once all of the concerns have been resolved, the EA team should finalize the Architecture Implementation Roadmap and the Migration Plan.
- C. The EA team should gather information about potential solutions from the appropriate source
- D. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures.
- E. The EA team should create a consolidated gap analysis to understand the transformations that are required to achieve the proposed Target Architecture
- F. The EA team should gather information about potential solutions from the appropriate source
- G. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architecture
- H. An interoperability analysis should be applied to evaluate any potential issues across the Solution Architecture.
- I. Prior to preparing the Implementation plan, there are several techniques that should be applied to assess the risks and value of the proposed transformation
- J. In particular, the EA team should pay attention to the Business Transformation Readiness Assessment and the Business Value Assessment.

Answer: D

NEW QUESTION 152

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for an Enterprise Architecture project team within a multinational oil and gas corporation. It is organized into two major business groupings:

- Upstream operations which include exploration for crude oil and natural gas and operating the infrastructure necessary to deliver oil and gas to the market.
- Downstream operations which include the manufacturing, distribution and marketing activities for oil products and chemicals

Safety is a priority for the company, with the aim to ensure it causes zero harm to people and the environment. The company has to satisfy the regulatory requirements of each of the countries it operates in.

The downstream business generates a third of the company's profits worldwide and includes more than 30,000 petrol stations and various oil refineries. In some countries it also includes oil refining, a retail station network, lubricants manufacture and marketing, industrial fuel and lubricants sales. The practice for the downstream business has been to operate locally managed by local "operating companies".

The Governing Board is concerned about the risk posed by operating in this complex global environment with a large part of the downstream business represented by local operating companies. As a result, the Chief Executive Officer (CEO) has appointed a Chief Compliance Officer (CCO) to be responsible for overseeing and managing compliance issues for the corporation. The CCO reports directly to the CEO.

The CCO has approved the expenditure of resources to establish an Enterprise Architecture program, and has mandated the use of the TOGAF standard as the framework. He has requested to be informed about the status of downstream operations that could impact regulatory compliance. He also wants the corporate legal staff and auditors to analyze all proposed new downstream operations to ensure that they are within the legal guidelines for each country. In addition, the local operating companies should be able to see that the architecture is appropriate for their needs.

The architecture project team has worked within the sponsor to complete a detailed Request for Architecture Work providing the high level project description. As the project commences the next phase, the necessary approvals from corporate and line management have been

Refer to the Scenario

You have been asked to recommend an approach that would enable the development of an architecture that addresses the needs of the Chief Compliance Officer, legal staff, auditors and the local operating companies.

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

- A. You recommend that a set of models be created for each project architecture that can be used to ensure that the system will be compliant with the local regulation
- B. A formal review should be held with the stakeholders to verify that their concerns have been properly addressed by the models.
- C. You recommend that an analysis of the stakeholders is undertaken, including development of a Stakeholder Map
- D. This will allow the architectures to define groups of stakeholders who have common concern
- E. The concerns and relevant viewpoints should be defined for each group of stakeholders, and recorded in the Architecture Vision document.
- F. You recommend that the ArchiMate modeling language is used to create a set of models that can be applied uniformly across all architecture project
- G. Each architecture should then be defined based on this fixed set of model
- H. All concerned parties can then examine the models to ensure that their needs have been addressed.
- I. You recommend that a Communications Plan be created to address the powerful and influential stakeholder
- J. This plan should include a report that summarizes the key features of the architecture with respect to each location and reflect the stakeholders' requirement
- K. You will check with each stakeholder that their concerns are being addressed.

Answer: B

NEW QUESTION 155

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are working as a consultant to the Chief Architect at a government agency responsible for securing all government communications and information systems. The agency has recently received funding for a program that will upgrade the reliability and performance of its secure communication systems which provide real-time, highly secure communication of voice, video, and message data to remote locations around the world. The agency has an established enterprise architecture (EA) capability based on TOGAF 9. 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 for the upgraded system. 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 more stringent 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 Architecture has noted that the core EA artifacts that have been used since TOGAF 9 was introduced are not adequate 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

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

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

- A. Since some artifacts will now require specific measurements and additional data will be needed to support the performance objectives linked to these measurements, you recommend that the motivation and governance extensions of the TOGAF 9 Content Metamodel are use
- B. Using these extensions will allow modeling the goals, objectives and drivers for the architecture, linking them to service levels and more detailed governance model
- C. This will also enable the ability to re-use existing profiles, customizing them for the various service contracts involved.
- D. You recommend all of the TOGAF 9 Content Metamodel extensions be incorporated into the Architecture Content Metamodel
- E. The full Content Metamodel will enable the EA team to capture and categorize all the important additional data needs to support the performance and measurement objectives linked to these artifact
- F. 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
- G. If this view is found to be inadequate for the governance concerns, the service models within those artifacts can be expanded.
- H. Since this case requires extensions of the modeling and data details of the service, this is best done by using the services extension of the TOGAF 9 Content Metamodel
- I. 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
- J. The services extension can also be used to map terminology between the business services and the application components.
- K. To support the type of stringent performance measurements needed for the more detailed governance views required for the upgraded system, the interfaces to

the communication and network layer of the architecture must be highly visible at the application level
L. To accommodate the proper development of this, a Communications Engineering view should be created from the infrastructure extension models of the TOGAF Content Metamodel
M. This view will allow architects to align the required performance measurement communications across the system.

Answer: C

NEW QUESTION 156

- (Exam Topic 2)

What does the TOGAF standard provide to guide architectural activity within the enterprise in terms of structures, roles, responsibilities, and processes?

- A. Architecture Development Method
- B. Architecture Capability Framework
- C. Architecture Content Framework
- D. Enterprise Continuum

Answer: B

NEW QUESTION 161

- (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 North American information technology services company. The company has a number of service portfolios including infrastructure, applications, business process outsourcing, accounting, and financial services.

With numerous practice areas and a multitude of diverse engagements underway 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 Chief Executive Officer and Chief Information Officer have co-sponsored the creation of an Enterprise Architecture program based on TOGAF 9. An Architecture Board has been formed comprised of IT staff executives and executives from the major practice areas.

The Enterprise Architecture team has been working with the Strategic Planning team to create a strategic enterprise architecture to address these issues. The 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 senior partners 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 9, which of the following is the best answer?

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

Answer: B

NEW QUESTION 164

- (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 166

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Chief Architect for a large, global commodities trading company which has been growing rapidly through a series of acquisitions.

Each business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone.

As a result, the company has made the decision to introduce a single enterprise-wide application to consolidate information from several applications that exist across the lines of business. The application will be used by all business units and accessed by suppliers through well defined interfaces. The Corporate Board is concerned that the new application must be able to manage and safeguard confidential customer information in a secure manner that meets or exceeds the legal requirements of the countries in which the company operates. This will be an increasingly important capability as the company expands its online services in cooperation with its trading partners.

The CIO has formed an Enterprise Architecture department, and one of the primary goals in its charter is to coordinate efforts between the implementation team and the business unit personnel who will be involved in the migration process. The CIO has also formed a cross-functional Architecture Board to oversee and govern the architecture. The company has an existing team of security architects.

TOGAF 9 has been selected for use for the Enterprise Architecture program. The CIO has endorsed this choice with the full support of top management.

Refer to the Scenario

In the Preliminary Phase you need to define suitable policies and ensure that the company has the appropriate capability to address the concerns of the Corporate Board.

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

- A. You start by clarifying the intent that the Board has for raising these concern
- B. This enables you to understand the implications of the concern in terms of regulatory requirements and the potential impact on current business goals and objective
- C. You propose that a security architect or security architecture team be allocated to develop a comprehensive security architecture and that this be considered an additional domain architecture.
- D. You evaluate the implications of the Board's concerns by examining the security and regulatory impacts on business goals, business drivers and objective
- E. Based on your understanding, you then update the current security policy to include an emphasis on the concern
- F. You define architecture principles to form constraints on the architecture work to be undertaken in the projec
- G. You then allocate a security architect to ensure that security considerations are included in the architecture planning for all domains.
- H. You identify and document the security and regulatory requirements for the application and the data being collecte
- I. You ensure that written policies are put in place to address the requirements, and that they are communicated across the organization, together with appropriate training for key employee
- J. You identify constraints on the architecture and communicate those to the architecture tea
- K. You establish an agreement with the security architects defining their role within the ongoing architecture project.
- L. You evaluate the implications of the concerns raised by the Corporate Board in terms of regulatory requirements and their impact on business goals and objective
- M. Based on this understanding, you then issue a Request for Architecture Work to commence an architecture development project to develop a solution that will address the concern
- N. You allocate a security architect to oversee the implementation of the new application that is being developed.

Answer: B

Explanation:

Incorrect:

Not C: Implied that solution needs be developed to address the concern, instead of address the concern in the ERP solution itself.

NEW QUESTION 171

- (Exam Topic 2)

According to TOGAF, which of the following is the usual approach for developing the Baseline Business Architecture if no architecture or few architecture assets exist?

- A. Bottom up
- B. Envisioning
- C. Extensive
- D. Refactoring
- E. Top down

Answer: A

NEW QUESTION 175

- (Exam Topic 2)

Complete the sentence.

A good set of architecture principles that cover every situation perceived throughout the enterprise meet the recommended criteria of _____

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

Answer: D

Explanation:

References:

NEW QUESTION 179

- (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 182

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You have been assigned the role of Lead Enterprise Architect for a firm that is a major OEM parts supplier to the auto industry. Europe has been the primary market for its products, with just 20% of its output being exported to North America. The firm is planning to expand its exports to North America and also to establish sales in South America and the Asia Pacific region. This will enable them to better ride out recessions in key markets such as Europe. It will also enable the firm to exploit the auto industry move to global platforms.

The firm is organized into business units with each addressing different auto industry sectors. Each business unit has acquired other producers to expand its manufacturing capacity. This has resulted in a complex environment with a high diversity of business and manufacturing systems.

The Enterprise Architecture (EA) program within the firm has been functioning for several years. It has made significant progress in consolidating the technology portfolio and establishing key standards. The CIO and the COO are joint sponsors of the EA program. The EA program is mature, with an active Architecture Board and a well-defined architecture process and standard content templated based on the TOGAF Architecture Content Framework. The EA program is well coordinated with the Project Management Office, Systems Development and Operations functions.

The firm has completed a strategic plan to reorganize its Sales & Marketing organization according to the target geographic markets. One of the goals of this reorganization is to improve the ability of Marketing to collect more meaningful market analytics that will enable each sector to better address market needs with effective marketing campaigns and global product presence.

A Request for Architecture Work to address the goals of the reorganization has been approved. As the architecture team commences its work, the CIO has expressed concerns about whether the firm will be able to adapt to the proposed change and how to manage the associated risks.

Refer to the Scenario.

You have been asked how to address the concerns of the CIO.

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

- A. In Phase B, the team should create a set of views that will enable them to identify the factors that will influence the reorganization
- B. There should then be an assessment of each factor on a maturity scale that will allow the team to gauge the urgency, readiness, and degree of difficulty to fix
- C. These factors can then be used to assess the initial risks associated with the proposed project.
- D. In Phase A, the team should conduct a Business Scenario to describe the business problem, identify the stakeholders' concerns and the resulting requirements
- E. Once the requirements have been identified, they can be assessed in terms of their risk
- F. The risks should be evaluated in terms of how they could be avoided, transferred, or mitigated
- G. Any risks that cannot be resolved should be identified as residual risks and their disposition should be decided by the Architecture Board.
- H. In Phase A, the team should evaluate the organization's readiness to undergo change
- I. This will identify the factors that will influence the reorganization
- J. This should include determining the readiness rating for each factor based on a maturity scale that will allow the team to gauge the urgency, readiness, and degree of difficulty to fix
- K. These factors can then be used to assess the initial risks associated with the proposed project.
- L. In Phase A, the team should analyze their risk by completing an Implementation Factor Assessment and Deduction Matrix to identify the risks associated with the implementation and deployment
- M. The matrix should include a list of factors to be considered, their descriptions, and constraints that should be taken into account
- N. These factors can then be used to assess the initial risks associated with the proposed project.

Answer: A

NEW QUESTION 183

- (Exam Topic 2)

When determining the requirements for enterprise architecture work in the Preliminary Phase, which of the following is not a business imperative that should be considered?

- A. Business requirements
- B. Cultural aspirations
- C. Forecast financial requirements
- D. Strategic Intent
- E. Technical elegance

Answer: E

NEW QUESTION 185

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

The ABC company is a large, global commodities trading company which has been growing rapidly through a series of acquisitions.

Each new business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone.

As a result, the company has begun implementing a single Enterprise Resource Planning (ERP) system to consolidate information from several applications that exist across the lines of business.

The Corporate Board is concerned that the new ERP system must be able to manage and safeguard customer information in a manner that meets or exceeds the legal requirements of the countries in which the company operates. This will be an increasingly important capability as the company expands its online services offered to clients and trading partners.

The CIO has formed an Enterprise Architecture department, and one of the primary goals in its charter is to coordinate efforts between the ERP implementation team and the business unit personnel who will be involved

in the migration process. The CIO has also formed a cross-functional Architecture Review Board to oversee and govern the architecture. The company has selected TOGAF 9 as the basis for its Enterprise Architecture program. The CIO has endorsed this choice with the full support of top management.

Refer to the Scenario

You are serving as the Chief Architect.

You have been asked to recommend the approach to take in the Preliminary Phase to ensure that the Corporate Board's concern is addressed.

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

- A. You evaluate the implications of the Board's concern in terms of regulatory and security policy requirements
- B. You then update the company security policy to reflect the concern, ensuring that this policy is communicated across the organization. You allocate a security

- architecture team to ensure that security considerations are included in ongoing architecture planning
- C. You then assess the security implications and agreements within the company businesses and their suppliers.
 - D. You start by clarifying the intent that the Board has for raising this concern
 - E. This enables you to understand the implications of the concern in terms of regulatory requirements and the potential impact on current business goals and objective
 - F. You propose that a security architect or security architecture team be allocated to develop a comprehensive security architecture.
 - G. You evaluate the implications of the Board's concern in terms of regulatory requirements and their impact on business goals and objective
 - H. Based on this understanding, you then issue a Request for Architecture Work to commence an architecture development project to develop a solution that will address the Board's concern
 - I. You allocate a security architect to oversee the implementation of the solution in the ERP system that is being developed.
 - J. You evaluate the implications of the Board's concern by examining the potential impacts on business goals and objective
 - K. Based on your understanding, you then update the current company security policy to include an emphasis on the Board's concern. In addition, you allocate a security architect to ensure that security considerations are included in the architecture planning for all domains.

Answer: D

NEW QUESTION 189

- (Exam Topic 2)

Which one of the following lists the five quality criteria for defining Architecture Principles?

- A. Rational, Explained, Precise, Stated, Identifiable
- B. Comprehensive, Future proof, Short, Concise, Consistent
- C. Open, Enabling, Flexible, Agile, Dynamic
- D. Stable, Understandable, Complete, Robust, Consistent

Answer: D

NEW QUESTION 192

- (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 196

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

Your role is that of a consultant to the Lead Enterprise Architect in a company that specializes in luxury electric cars and their powertrain components, and also produces battery-charging equipment. It has its own distribution network, its own showrooms, and sells directly to customers via the internet. The company has four manufacturing facilities, two in the North America, one in Europe, and one in Asia.

A challenge that the company is facing is to scale up the number of vehicles coming off the production line to meet customer demand, while maintaining quality. At the moment there are supply chain storages for key

electronic components related to the autonomous drive system. In response to this, the research arm of the company has pioneered the development of a new self-driving platform. This new design uses common

off-the-shelf components that will allow for a significant increase in overall vehicle production. This new design is ready to go into production.

The company has a mature Enterprise Architecture practice that is supported by a cross-functional Architecture Board. The TOGAF standard is used for developing the automated manufacturing process and systems used to design, manufacture and test the new design. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

As part of putting the new self-driving platform into production, adjustments to the automated assembly processes need to be made. A pilot architecture project at a single location has defined an updated approach for controlling the automated test systems used to perform final quality assurance. The Chief Engineer, sponsor of the activity, and the Architecture Board have approved the plan for immediate implementation at each plant.

Architecture Contracts have been developed that detail the work needed to implement and deploy the new automated test system controller for each location. The Chief Engineer has expressed concern that a uniform process be employed at each location to ensure consistency and quality.

Refer to the Scenario

The Lead Enterprise Architect has asked you to recommend the best approach to address the Chief Engineer's concern.

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

- A. You create an Architecture Contract to manage and govern the implementation and migration process
- B. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract
- C. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Architecture Board and the implementation organization. You recommend that if a deviation from the Architecture Contract is detected, the Architecture Board grant a dispensation to allow the implementation organization the ability to customize the process to meet their local needs.
- D. You use the Architecture Contracts to manage the architecture governance processes for the project across the location
- E. You deploy monitoring tools to assess the performance of each completed drive assembly at each location and develop change requirements if necessary. You recommend that if a deviation from the contract is detected, the Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local need
- F. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.
- G. You create an Architecture Contract to manage and govern the implementation and migration process at each location
- H. For internal development projects, you issue a memorandum of understanding between the Architecture Board and the implementation organization
- I. For contracts issued to an external party, you ensure that it is a fully enforceable legal contract. You ensure that the Architecture Board reviews all deviations

from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

J. You review the applicable Architecture Contract for each location, ensuring that it addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management

K. In cases where the contract is issued to an external party, you ensure that it is a legally enforceable contract. You schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the Architecture Definition

L. You ensure that the Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

Answer: A

NEW QUESTION 199

- (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 201

- (Exam Topic 2)

In which ADM phase is the Implementation and Migration Plan coordinated with other activities in the enterprise?

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

Answer: E

Explanation:

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

NEW QUESTION 202

- (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 capabilities
- 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 agrees
- 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 204

- (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 207

- (Exam Topic 2)

Which of the following best describes the purpose of the Architecture Roadmap?

- A. It lists work packages on a timeline showing progress towards the Target Architecture
- B. It contains an assessment of the current architecture requirements
- C. It provides for effective communication of the end architecture project to the stakeholders
- D. It forms the basis of a contractual agreement between the sponsor and the architecture organization
- E. It is sent from the sponsor and triggers the start of an architecture development cycle

Answer: A

NEW QUESTION 212

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

The ABC company is an international agricultural company exporting bulbs, flowers and seeds worldwide. It is headquartered in Rotterdam in the Netherlands, and has sales and distribution centers in over 60 countries worldwide. Several of these centers include administrative, manufacturing, and research facilities.

To achieve full integration of their research capabilities with their development centers located in various climate zones, the company wants to develop strong self-directed teams in each location. It also wants to define new business models that are profitable while reducing their impact on the environment. The management is deeply committed to ensuring that the company is a world leader in socially responsible seed development with a business strategy that focuses on profitability through environmentally friendly operating processes.

The company international operations are subject to various legal and regulatory requirements. In areas such as genetically modified seeds, governmental controls are strictly enforced and compliance is critical. Recently a competitor was heavily fined for violating the regulations in a country where it was developing pest-resistant seeds.

The Governing Board is concerned, and as a result has approved the expenditure of resources to establish an Enterprise Architecture program. They have requested information about the status of projects that could impact regulatory compliance. They also want to enable the corporate legal staff and auditors to analyze proposed architectures to ensure that they are within the legal guidelines for a given location. In addition, the research organization should be able to see that the architecture is appropriate for its needs. TOGAF 9 has been mandated as the guiding framework for the development and evolution of the Enterprise Architecture practice.

Refer to the Scenario

You have been appointed as the Lead Consultant.

You have been asked to recommend an approach that would enable the development of an architecture that addresses the needs of all these parties.

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

- A. Depending on the nature of the architecture, a set of models should be created that can be used to ensure that the system will be compliant with the local regulation
- B. Stakeholders should be able to view the models to see that their concerns have been properly addressed.
- C. Each architecture activity should be developed using a consistent modeling approach that is uniform across all architecture project
- D. Each architecture should be defined based on this fixed set of models so that all concerned parties can examine the models to ensure that their issues and concerns have been addressed,
- E. A stakeholder map should be developed that allows the architects to define groups of stakeholders sharing common concern
- F. A set of views should then be defined that addresses the concerns for each group- Architecture models can then be created for each view to address the stakeholders' concerns.
- G. For those groups that have sufficient power and level of interest, a special report should be created that summarizes the key features of the architecture with respect to the particular locatio
- H. Each of these reports should reflect the stakeholders' requirements.

Answer: A

NEW QUESTION 215

- (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 217

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