

The-Open-Group

Exam Questions OG0-093

OG0-093 TOGAF 9 Combined Part 1 and Part 2



NEW QUESTION 1

- (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 2

- (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 3

- (Exam Topic 2)

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

- A. Architecture Principles
- B. Requirement Management
- C. Interoperability Analysis
- D. Business Scenarios
- E. Gap Analysis

Answer: A

NEW QUESTION 4

- (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 5

- (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 6

- (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 prog-am 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 7

- (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 8

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

Your role is that of Lead Enterprise Architect for a chain of convenience stores. The chain includes over 15,000 retail outlets throughout the Asia-Pacific region. Each store in the chain is an independently owned and operated franchise. The stores operate 24 hours a day and 7 days a week. Many of the stores have been with the franchise for more than 10 years and still use the original IT systems deployed at that time.

The CEO of the chain has stated his concerns about the inefficiencies of the current systems and identified the need to change. He has defined a new strategic vision that will enhance the business by providing its franchisees new services to help them compete with other retail outlets and online retailers. This strategy is part of the long-term commitment to enhance the brand image and increase 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 products, and more efficient operations. The stores will also act as delivery and return locations for a large online retailer which will further increase the number of potential customers. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising and new products to specific regions.

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

The Chief Architect engaged the services of a leading 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 decision for the chain to adopt a packaged suite of integrated applications that is tailored to the needs of the franchise has been taken.

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 the target architecture is defined first, followed by transition planning
- B. This is because the vision is well understood and the strategic architecture agree
- C. 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.
- D. You propose that this engagement define the baseline architecture first in order to assess the current infrastructure capacity and capability
- E. The initial priority is to understand the problem. Then the focus should be on transition planning and architecture deployment
- F. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.
- 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: 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)

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 10

- (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 11

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

You have been appointed as a consultant to the Lead Enterprise Architect of an international agricultural company that exports bulbs, flowers and seeds worldwide. The company has its headquarters in the Netherlands, and has sales and distribution centers in over 30 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

team 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 international operations of the company are subject to legal and regulatory requirements for each country where they operate. The production of genetically modified seeds has governmental controls that 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 about the risks posed in this complex global environment, and as a result has approved the expenditure of resources to establish an Enterprise Architecture program. They have requested to be informed 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 framework for the development and evolution of the Enterprise Architecture practice. The Preliminary Phase has been completed to establish the enterprise architecture capability for this project.

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 Governing Board, legal staff, auditors and the research organization. Based on TOGAF 9, which of the following is the best answer?

- A. You recommend that each project architecture activity is developed using a consistent modeling approach that is uniform across all architecture project
- B. 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.
- C. You recommend that a special report be created for those groups that have sufficient power and level of interest
- D. This report should summarize the key features of the architecture with respect to the particular location
- E. Each of these reports should reflect the stakeholders' requirements.
- F. 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
- G. Stakeholders should then view the models to verify that their concerns have been properly addressed.
- H. You recommend that a stakeholder map be developed
- I. This will allow the architects to define groups of stakeholders that share common concerns
- J. A set of views should be defined to address the concerns for each group of stakeholder
- K. Architecture models should then be created for each view to address the stakeholders' concerns.

Answer: A

NEW QUESTION 14

- (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 17

- (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 21

- (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 23

- (Exam Topic 2)

Which one of the following best describes the implications of TOGAF being a generic framework?

- A. The organization must utilize an architecture tool in order to tailor the templates for use
- B. It must be adapted to satisfy organization specific requirements
- C. It can be utilized by most enterprises without further customization
- D. It can only be used for enterprise level architecture projects
- E. It should only be employed under the supervision of highly trained consultants

Answer: B

NEW QUESTION 24

- (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 25

- (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 30

- (Exam Topic 2)

What does the TOGAF standard describe as a structure which can be used for developing a broad range of architectures?

- A. Architecture Viewpoint
- B. Work Package
- C. Metamodel
- D. Architecture Framework
- E. Deliverable

Answer: D

Explanation:

References:

NEW QUESTION 33

- (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 37

- (Exam Topic 2)

According to TOGAF, who usually initiates a Request for Architecture Work?

- A. The architecture organization
- B. The CIO/CTO
- C. The corporate governance board
- D. The senior management
- E. The sponsoring organization

Answer: E

NEW QUESTION 40

- (Exam Topic 2)

Which one of the following lists the main components within the TOGAF Architecture Repository?

- A. OrganizationalMetamodel, Architecture Capability, Architecture Landscape, Best Practices, Reference Library, Compliance Strategy.
- B. ArchitectureMetamodel, Organizational Capability Model, Application Landscape, SIB, Reference Library, Governance Model.
- C. BusinessMetamodel, Architecture Capability, Architecture Landscape, SIB, Reference Library, Governance Log.
- D. ArchitectureMetamodel, Architecture Capability, Architecture Landscape, SIB, Reference Library, Governance Log.

Answer: D

NEW QUESTION 41

- (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 46

- (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 leading multinational pharmaceutical and medical devices manufacturer. Its brands include numerous household names for medications and first aid supplies.

The company has a long history of innovating new treatments for many common illnesses and diseases. Prior to launching a new treatment, the company has to demonstrate its effectiveness and safety in a set of clinical trials that satisfy the regulatory requirements of the countries in the target markets. All clinical trials are undertaken by its research laboratories, which employ over 10,000 people at separate facilities in the United Kingdom, United States, Sweden, France, Canada, India, China and Japan. In addition to internal research and

development activities the company is also involved in publicly funded collaborative research projects, with other industrial and academic partners.

The Enterprise Architecture group within 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 clinical trials. This system will also connect with external partners.

The Enterprise Architecture group within 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 clinical trials. This system will also connect with external partners.

The Enterprise Architecture group is a mature organization. They use the TOGAF 9 ADM with extensions required to support current good manufacturing practices and good laboratory practices in their target markets. 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.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity. She has stated that the changes to the enterprise architecture for the new system will need to be rolled out in stages on a regional basis that minimizes disruptions to ongoing clinical trials.

Refer to the Scenario

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, which of the following is the best answer?

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

Answer: D

NEW QUESTION 47

- (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 51

- (Exam Topic 2)

Which of the following best describes an architectural change categorized as a re-architecting change?

- A. A change to re-align with the business strategy
- B. A change to increase investment in order to create new value for exploitation
- C. A change to reduce costs
- D. A change to derive additional value from the existing investment

Answer: B

NEW QUESTION 53

- (Exam Topic 2)

Which phase of the ADM is an on-going activity that is visited throughout a TOGAF architecture project?

- A. Architecture Change Management
- B. Implementation governance
- C. Migration planning
- D. Preliminary Phase
- E. Requirements Management

Answer: E

NEW QUESTION 58

- (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 59

- (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 61

- (Exam Topic 2)

Which one of the following is recommended to define requirements and articulate the Architecture Vision created in Phase A?

- A. Business scenario
- B. Impact analysis
- C. Mission statement
- D. Requirements analysis
- E. Solution architecture

Answer: A

NEW QUESTION 66

- (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 67

- (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 71

- (Exam Topic 2)

Which of the following is NOT an objective for Phase B, Business Architecture?

- A. Defining the Strategic Business Plan
- B. Describing the Baseline Business Architecture
- C. Developing the Target Business Architecture
- D. Selecting relevant viewpoints for key stakeholders "Pass Any Exa
- E. Any Time."

Answer: A

NEW QUESTION 73

- (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 76

- (Exam Topic 2)

Which of the following types of architecture defines technology standards for building blocks and reflects general computing requirements?

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

Answer: C

NEW QUESTION 81

- (Exam Topic 2)

According to the TOGAF Document Categorization Model, which category describes a technique that is referenced by processes categorized as TOGAF Core and TOGAF Mandated?

- A. TOGAF Guidelines and Techniques
- B. TOGAF Recommended
- C. TOGAF Supporting
- D. TOGAF Extension

Answer: B

NEW QUESTION 84

- (Exam Topic 1)

Which of the following statements best describes how Architecture Principles are used within the ADM?

- A. They are used to define the framework and detailed methodologies
- B. They are used to define stakeholders and their concerns
- C. They are used to determine the readiness factors impacting the organization
- D. They are used to guide decision making within the enterprise
- E. They are used to resolve and dispose of requirements

Answer: D

NEW QUESTION 86

- (Exam Topic 1)

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

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

Answer: B

NEW QUESTION 89

- (Exam Topic 1)

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

- A. Develop the Architecture Vision document
- B. Draft the Implementation and Migration Plan
- C. Ensure conformance requirements for the target architecture are defined
- D. Establish the Organizational Model for enterprise architecture
- E. Operate the governance framework

Answer: D

NEW QUESTION 91

- (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 94

- (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 95

- (Exam Topic 1)

Which of the TOGAF architecture development phases is the first phase of an architecture development cycle, defines the scope for an engagement and identifies the stakeholders?

- A. Architecture Change Management
- B. Architecture Vision
- C. Business Architecture
- D. Preliminary Phase
- E. Technology Architecture

Answer: B

NEW QUESTION 98

- (Exam Topic 1)

According to TOGAF, which document should incorporate the actions arising from the Business Transformation Readiness Assessment technique?

- A. Architecture Road map
- B. Architecture Requirements Specification
- C. Communications Plan
- D. Implementation and Migration Plan
- E. Implementation Governance Model

Answer: D

NEW QUESTION 99

- (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 103

- (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 106

- (Exam Topic 1)

Complete the sentence. In the Preliminary Phase, all of the following are part of preparing the organization to undertake successful enterprise architecture, except _____.

- A. defining architecture principles
- B. defining relationships between management frameworks
- C. defining the enterprise
- D. evaluating the enterprise architecture maturity
- E. identifying stakeholders and their concerns

Answer: E

NEW QUESTION 110

- (Exam Topic 1)

According to TOGAF, which of the following best describes how the Enterprise Continuum is used in organizing and developing an architecture?

- A. It is used to coordinate with the other management frameworks in use
- B. It is used to describe how an architecture addresses stakeholder concerns
- C. It is used to identify and understand business requirements
- D. It is used to provide a system for continuous monitoring
- E. It is used to structure re-usable architecture and solution assets

Answer: E

NEW QUESTION 114

- (Exam Topic 1)

Complete the sentence. The Architecture Development Method produces content to be stored in the Repository, which is classified according to the _____.

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Capability Model
- D. Enterprise Continuum
- E. Standards Information Base

Answer: D

NEW QUESTION 116

- (Exam Topic 1)

Which of the following best describes the TOGAF classification in Phase H for a re-architecting 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 costs
- D. A change driven by a requirement to reduce investment
- E. A change driven by a requirement to re-align with the business strategy

Answer: B

NEW QUESTION 120

- (Exam Topic 1)

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

- A. Develop a vision of the proposed Enterprise Architecture
- B. Define the process for architecture governance
- C. Create the initial version of the Architecture Roadmap
- D. Document the baseline architecture
- E. Obtain approval for the Statement of Architecture Work

Answer: B

NEW QUESTION 125

- (Exam Topic 1)

Which of the following best describes the purpose of a business scenario?

- A. To define and plan an enterprise architecture transformation based on Capability-Based Planning
- B. To develop a set of general rules and guidelines for the architecture being developed
- C. To develop a set of security guidelines for the architecture being developed
- D. To help identify and understand the business requirements that an architecture must address
- E. To identify and mitigate the risks when implementing an architecture project

Answer: D

NEW QUESTION 130

- (Exam Topic 1)

According to TOGAF, which of the following steps in Phases B, C, and D occurs before development of the baseline or target architectures?

- 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: E

NEW QUESTION 132

- (Exam Topic 1)

Which of the following describes the TOGAF Technical Reference Model?

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

Answer: B

NEW QUESTION 133

- (Exam Topic 1)

Which of the following best describes the Standards Information Base?

- A. A repository area holding a description of the organization specific architecture framework and method
- B. A repository area holding a record of the governance activity across the enterprise
- C. A repository area holding guidelines and templates used to create new architectures
- D. A repository area holding processes to support governance of the Architecture Repository
- E. A repository area holding specifications to which architectures must conform

Answer: E

NEW QUESTION 136

- (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 139

- (Exam Topic 1)

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

- A. Architecture principles
- B. Business scenarios
- C. Business Transformation Readiness Assessment
- D. Capability-based planning
- E. Gap analysis

Answer: B

NEW QUESTION 140

- (Exam Topic 1)

Which of the following does the TOGAF standard describe as a package of functionality defined to meet business needs across an organization?

- A. An application
- B. An architecture viewpoint
- C. A building block
- D. A deliverable
- E. A solution architecture

Answer: C

NEW QUESTION 144

- (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 147

- (Exam Topic 1)

Which section of the TOGAF template for defining principles should highlight the requirements for carrying out the principle?

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

Answer: A

NEW QUESTION 149

- (Exam Topic 1)

Which of the following describes a key objective of the Technology Architecture Phase?

- A. To define the solution architecture needed to support the Application Architecture
- B. To define technology components into a set of technology platforms
- C. To define the Transition Architectures needed to achieve the Target Architecture
- D. To develop a migration plan to deliver incremental capabilities
- E. To select a set of technology products that will form the basis of a solution architecture

Answer: B

NEW QUESTION 152

- (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 157

- (Exam Topic 1)

Complete the sentence. The TOGAF standard covers the development of four architecture domains. Application, Data, _____.

- A. Business and Technology
- B. Information and Knowledge
- C. Baseline and Transition
- D. Vision and Requirements
- E. Capability and Segment

Answer: A

Explanation:

Reference <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap06.html>

NEW QUESTION 159

- (Exam Topic 1)

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

- A. It contains an assessment of the current architecture requirements
- B. It defines the scope and approach to complete an architecture project
- C. It is sent from the sponsor and triggers the start of an architecture development cycle
- D. It provides a high-level aspirational view of the end architecture project
- E. It provides a schedule for implementation of the target architecture

Answer: D

NEW QUESTION 162

- (Exam Topic 1)

Which of the following is part of the Preliminary Phase?

- A. Creating the Architecture Vision deliverable
- B. Preparing a consolidated Gap Analysis
- C. Developing the Architecture Contract
- D. Defining a set of Architecture Principles

Answer: D

NEW QUESTION 165

- (Exam Topic 1)

Which section of the TOGAF template for Architecture Principles highlights the requirements for carrying out the principle?

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

Answer: A

NEW QUESTION 170

- (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 171

- (Exam Topic 1)

According to TOGAF, which of the following terms describes people who have key roles in, or concerns about, a system?

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

Answer: E

NEW QUESTION 173

- (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 176

- (Exam Topic 1)

Which of the following best describes the TOGAF Architecture Governance Framework?

- A. An approach to ensure the effectiveness of an organization's architectures
- B. An architecture of building blocks and corresponding standards, together with associated graphics
- C. An example set of Architecture Principles
- D. A reference model that includes information provider applications and brokering applications
- E. A model intended to assist with the release management of the TOGAF specification itself

Answer: A

NEW QUESTION 178

- (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 182

- (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 184

- (Exam Topic 1)

Which part of TOGAF describes taxonomies for categorizing the outputs of architecture activity in terms of reuse?

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

Answer: D

NEW QUESTION 188

- (Exam Topic 1)

Complete the sentence. According to TOGAF, a view is used to describe how the _____ of a stakeholder are being met.

- A. concerns
- B. constraints
- C. interests
- D. perspective
- E. requirements

Answer: A

NEW QUESTION 193

- (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 196

- (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 200

- (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 202

- (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 204

- (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 formally reviewed, detailed architecture?

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

Answer: D

NEW QUESTION 209

- (Exam Topic 1)

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

- A. A good Building Block should not be composed of other Building Blocks
- B. Architecture Building Blocks should be first selected in Phase D
- C. Building Block specifications should be loosely coupled to implementation
- D. Custom developments are known as Architecture Building Blocks

Answer: C

NEW QUESTION 213

- (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 217

- (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 221

- (Exam Topic 1)

Which part of the TOGAF document describes taxonomies for categorizing the outputs of architecture activity?

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

Answer: D

NEW QUESTION 225

- (Exam Topic 1)

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

- A. It provides a list of work packages and a schedule for implementation of the target architecture.
- B. It defines the scope and approach to complete an architecture project
- C. It provides a set of statements that outline what a project must do to comply with the architecture

- D. It is sent from the sponsor and triggers the start of an architecture development cycle
- E. It contains an assessment of the current architecture requirements

Answer: C

Explanation:

Reference
http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap36.html#tag_36_02_06

NEW QUESTION 228

- (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 233

- (Exam Topic 1)

Complete the sentence. TOGAF describes the role of an Architecture Contract as _____.

- A. an agreement between development partners and sponsors on the architecture deliverables
- B. a plan to ensure that architecture information is communicated to the right stakeholders at the right time
- C. a set of general rules and guidelines to support development of the enterprise architecture
- D. a timeline showing progression from the Baseline Architecture to the Target Architecture

Answer: A

NEW QUESTION 234

- (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 237

- (Exam Topic 1)

Which of the following are considered as generic Building Blocks in the Solutions Continuum?

- A. Common Systems Solutions
- B. Foundation Solutions
- C. Industry Solutions
- D. Organization-Specific Solutions
- E. Strategic Solutions

Answer: B

NEW QUESTION 240

- (Exam Topic 1)

Complete the sentence. The Requirements Management Phase _____.

- A. addresses and resolves requirements between ADM phases
- B. is a central process that prioritizes requirements for all ADM phases
- C. is used to dispose of resolved requirements for all ADM phases
- D. generates new requirements and passes them to all ADM phases
- E. stores requirements and manages their flow into relevant ADM phases

Answer: E

NEW QUESTION 244

- (Exam Topic 1)

Which of the following describes an objective of Phase F: Migration Planning Phase?

- A. Develop a Target Technology Architecture
- B. Consolidate the Gap Analysis results from Phases B through D
- C. Generate and gain consensus on an initial Architecture Roadmap
- D. Coordinate the Implementation and Migration Plan with other frameworks
- E. Operate the governance framework and manage an architecture contract

Answer: D

NEW QUESTION 246

- (Exam Topic 1)

Which of the following best describes the purpose of the Statement of Architecture Work?

- A. It contains an assessment of the current architecture requirements
- B. It defines the scope and approach to complete an architecture project
- C. It is sent from the sponsor and triggers the start of an architecture development cycle
- D. It provides a high-level aspirational view of the end architecture project
- E. It provides a schedule for implementation of the target architecture

Answer: B

NEW QUESTION 247

- (Exam Topic 1)

Which one of the following best describes the purpose of the Communications Plan?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that information is communicated to the right stakeholders at the right time
- C. To ensure that the results of a Compliance Assessment are distributed to the Architecture Board
- D. To inform the Architecture Board of changes to the architecture
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Answer: B

NEW QUESTION 251

- (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 253

- (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 257

- (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 262

- (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 265

- (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 270

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the question

Your role is that of the Lead Enterprise Architect at a multinational automotive corporation. The company is headquartered in Germany, and manufactures cars, trucks and buses. It has manufacturing plants across North America, South America, Europe and Asia. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company has an ongoing initiative to improve the efficiency of all of its production operations, and in particular to reduce its carbon footprint. During a recent exercise held for internal quality improvement, it was determined that a significant reduction in energy usage could be achieved by replacing the current planning and scheduling systems with a common Enterprise Resource Planning (ERP) system located in one central data center. This central system would provide support to each of the plants replacing the functionality in the existing systems. It would also eliminate the need for full data centers at each of the plant facilities.

The Enterprise Architecture department has been operating for several years and has mature, well-developed architecture governance and development processes that are strongly based on TOGAF standard.

At a recent meeting, the Architecture Board approved a Request for Architecture Work sponsored by the global CIO. The request covered the initial architectural investigations and the development of a comprehensive architecture to plan the transformation.

The architecture project team has now been formed, and has been asked to develop an Architecture Vision that will achieve the desired outcomes and benefits.

Some of the plant managers have expressed concern about the security and reliability of driving their planning and production scheduling from a remote centralized system. The CIO wants to know how these concerns can be addressed. During the initial project team meeting a number of alternative recommendations for how to proceed have been put forward by members of the team.

Refer to the Scenario

You have been asked to select the most appropriate recommendation to ensure that the team evaluates different approaches to the problem and clarifies the requirements for the architecture.

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

A. The team should exercise due diligence and carefully research vendor literature and conduct a series of briefings with vendors that are on the current approved supplier list

B. Based on the findings from the research, the team should define a preliminary Architecture Vision

C. The team should then use that model to build consensus among the key stakeholders.

D. The team should identify the individuals and groups within the organization who will contribute to the project in order to understand who has concerns about the initiative

E. The team should then hold a series of interviews at each of the manufacturing plants using the business scenario technique

- F. This will then enable them to identify and document the key high-level stakeholder requirements for the architecture.
- G. The team should utilize its approved supplier list, and conduct a pilot project that will enable those suppliers to demonstrate potential solutions that will address the concerns of the stakeholder
- H. Based on the findings of that pilot project, a complete set of requirements will be developed that will drive the evolution of the architecture.
- I. The team should perform a shallow architecture development iteration, developing Baseline and Target Architecture for each of the manufacturing plant
- J. This should include development of a set of views corresponding to selected viewpoints that address key concerns of the stakeholder
- K. A consolidated gap analysis between the architectures will then be used to validate the approach and determine the capability increments needed to achieve the target state.

Answer: B

NEW QUESTION 275

- (Exam Topic 2)

Complete the sentence. In a gap analysis, a building block that appears in the Target Architecture but does not appear in the Baseline Architecture indicates _____

- A. nonconformant solution building blocks
- B. an error has occurred and the architecture must be re-evaluated
- C. requirements have not been properly documented
- D. functionality that should be eliminated
- E. a new function that must be built or procured

Answer: E

NEW QUESTION 277

- (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 281

- (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 285

- (Exam Topic 2)

What document is used to initiate a TOGAF ADM cycle?

- A. Architecture Roadmap
- B. Statement of Architecture Work
- C. Architecture Landscape
- D. Request for Architecture Work
- E. Architecture Vision

Answer: D

NEW QUESTION 287

- (Exam Topic 2)

Scenario:

Please read this scenario prior to answering the Question

Your role is that of Lead Enterprise Architect within a vacation property management firm that has been growing through acquisition. The firm manages over 200 resort properties across North America. Many of the resort properties use the same internal IT systems that they used before they were acquired. Until recently, the only requirement that has been placed on each property is that they use a standard financial reporting system to report their financial results to the headquarters on a weekly basis.

The CEO 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 standardizing its operations across the network to provide consolidated financial, human resources, logistics, sales and marketing, and yield management. He has also stated that he expects results by the end of the current fiscal year.

These changes will provide the company 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 markets to improve yields.

The firm has a mature enterprise architecture practice 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 firm, including detailed requirements and recommendations.

Based on the recommendations from the initial study, the firm 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 justify the best approach for architecture development to realize the CEO's vision. Based on TOGAF 9, which of the following is the best answer?

- A. You recommend that the target architecture is defined first, followed by transition planning
- B. This is because the vision is well understood and the strategic architecture agrees
- C. This 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.
- D. You recommend that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy
- E. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement
- F. You would ensure that the target architecture addresses non-functional requirements so as to ensure the target architecture is robust and secure.
- G. You recommend 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
- H. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.
- I. You recommend that this engagement define the baseline Technology Architecture first in order to assess the current infrastructure capacity and capabilities
- J. Then the focus should be on transition planning and architecture deployment
- K. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.

Answer: D

NEW QUESTION 291

- (Exam Topic 2)

The Requirements Management Phase is responsible for which one of the following activities?

- A. Addressing requirements
- B. Disposal of resolved requirements
- C. Generating requirements
- D. Managing the flow of requirements
- E. Prioritizing requirements

Answer: D

NEW QUESTION 295

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the Question

You are serving as an Enterprise Architect at a large aerospace company. It designs, manufactures and sells civil and military aviation products worldwide and manufactures in multiple countries both inside and outside of the European Union. The company has grown rapidly by acquisition and has inherited numerous different procurement processes and related IT systems.

Recently, several procurement processes, within the civil aviation business, 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 procurement processes and systems. He has committed to the CEO that the business will move to a "Just-in-time" procurement system so as to keep inventory costs low.

The TOGAF standard is used for internal Enterprise Architecture activities. At present, there are no architectural assets in the Architecture Repository related to this initiative. All assets will need to be acquired, customized, or created from scratch. 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 procurement processes or systems.

This project is using an iterative approach for executing the Architecture Development Method (ADM). The architecture development project has completed the Architecture Vision Phase 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 and Application Architectures.

Stakeholders' concerns that should be addressed by these architectures include:

- * 1. What groups of people should be involved in procurement-related business processes?
- * 2. What applications will these groups use once the architecture development is complete?
- * 3. What non-procurement applications will need to be integrated with the new procurement applications?
- * 4. What are the dependences between the non-procurement and the new procurement applications?

Refer to the Scenario

[Note: You may need to refer to the Architectural Artifacts chapter, section 31.6 (located in Part IV) within 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 the TOGAF standard, which of the following is the best answer?

- A. You would describe the Baseline Business Architecture with a Baseline Business Process catalog, and an Object lifecycle catalog
- B. You would describe the Baseline Application Architecture with an Interface catalog and a Technology Portfolio catalog.
- C. You would describe the Baseline Business Architecture with an Organization/Actor catalog, and a Business Service/Function catalog, and a Data Entity/Business Function matrix
- D. You would describe the Baseline Application Architecture with an Application Portfolio catalog and an Application/Function matrix.
- E. You would describe the Target Business Architecture with a Business Interaction matrix, and a Business Service/Function catalog
- F. You would describe the Target Application Architecture with an Application Communication diagram, an Application/Organization matrix, an Application Interaction matrix and an Interface catalog.
- G. You would describe the Target Business Architecture with a Business Service/Function catalog, an Organization/Actor catalog, and Data Lifecycle diagram
- H. You would describe the Target Application Architecture with Application Communication diagrams, an Application Interaction matrix, and an Application Portfolio catalog.

Answer: D

NEW QUESTION 300

- (Exam Topic 2)

Complete the sentence. To promote effective architectural activity within the enterprise, TOGAF 9 recommends the establishment of a(n) _____

- A. Enterprise Architecture Capability
- B. IT Governing Board

- C. Program Management Office
- D. Quality Assurance department
- E. Service Management department

Answer: A

NEW QUESTION 303

- (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 location
- H. Each of these reports should reflect the stakeholders' requirements.

Answer: A

NEW QUESTION 306

- (Exam Topic 2)

Scenario

Please read this scenario prior to answering the question

Your role is that of the Lead Architect working for a government agency responsible for immigration, customs, and border control. The agency was formed by consolidating several smaller government agencies. The agency has established an Enterprise Architecture practice based on TOGAF 9. The CIO is the executive sponsor and has appointed an EA steering team to oversee the practice.

There has been a considerable increase in security requirements and immigration service requests in recent years, which have expanded the scope and size of the operations of the agency. As a result, the existing Information Technology architecture no longer meets the required service levels. A significant Enterprise Architecture (EA) initiative is in progress with the goal to improve customer responsiveness and satisfaction, and improve the overall operational efficiency of the agency.

The current EA staff members were internal appointments based on a request from the EA steering team to supply a number of suitable individuals for the EA effort. Collectively, they possess a broad range of IT and business analysis skills. However, the CIO has expressed concern about the diverse range of experience within the team. There is concern that the EA staff may be lacking in some of the critical skills that are required to properly conduct EA activities. It had been assumed that any EA-related skill gaps would be overcome by on-the-job mentoring from the senior members of the EA staff. Each architect was expected to attend a TOGAF training course and participate in other skill development activities.

A recent review of the EA program revealed that many EA staff members, despite attending multi-day training courses, were not proficient in analyzing or creating the models and artifacts required for their assigned architecture projects. Stakeholders have observed errors and inconsistencies in artifacts and deliverables being submitted for review.

Refer to the Scenario

The CIO has asked you to recommend a professional development plan for the EA staff in order to address the findings raised in the recent review.

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

- A. You recommend that a comprehensive evaluation of key team leader skills be made using the TOGAF Architecture Skills Framework
- B. Based on the evaluations, you will recommend the necessary staff change
- C. This will ensure that the team leaders have the necessary skills and experience for the architecture tasks within the agency
- D. The role and skill categories defined in the TOGAF Architecture Skills Framework should then be shared with the department leaders so that in the future, they can make more informed choices when providing internal candidates for the EA team.
- E. You recommend that an architecture maturity assessment should be conducted
- F. This will identify the practices on which the agency should focus to see the greatest improvement and ensure that the basic enterprise architecture process is documented
- G. As part of the assessment, all of the team leaders should be interviewed and their qualifications assessed
- H. In order to rectify areas of low proficiency, they are expected to attend additional EA training course
- I. When the team leaders have achieved the desired levels of proficiency, they should apply a similar process for their staff members.
- J. You recommend that you work with the EA steering team to adapt the TOGAF Architecture Skills Framework for use within the architecture practice at the agency
- K. The categories of architecture roles, the required skills for each role and the desired level of proficiency for each role and skill will be defined by this framework
- L. Each team member, or prospective team member, can then be evaluated for suitability against these roles and skill

- M. Staffing and training adjustments can then be made as necessary to close gaps that are discovered.
- N. You recommend that to address the issues identified in the review, the experienced team leaders should mentor the junior team member
- O. At the same time additional training should be provide
- P. Since it is now known that some models are improperly defined and may have caused cascading errors in other parts of the architecture, you recommend an iteration of the Migration Planning phase occur, so as to develop a coordinated transition to a new baseline using the last known good architectur
- Q. Once the artifacts are consistent and correct, these can be applied to this new baseline.

Answer: C

NEW QUESTION 307

- (Exam Topic 2)

Complete the sentence. Two of the four architecture domains that are subsets of an overall Enterprise Architecture are Business and Technology, the other two are Application and _____

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

Answer: E

NEW QUESTION 312

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