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## The Open Group TOGAF Enterprise Architecture Part 2 Exam Sample Questions (Q22-Q27):

### NEW QUESTION # 22

Please read this scenario prior to answering the question

You are working as the Chief Enterprise Architect within a law firm specializing in personal injury cases. Many of the firm's competitors have improved their litigation strategies, and efficiency by streamlining their processes using Artificial Intelligence (AI).

The CIO has approved a Request for Architecture Work to examine the use of Machine Learning in defining a new AI-driven litigation and finance process for the firm. This process would instruct the lawyers and analysts as to what tasks and portfolio they should work on. The key objectives are to increase task profitability, maximize staff utilization, and increase individual profitability. The CIO has emphasized that the architecture should enable the fast implementation of continuous Machine Learning. The solution will need to be constantly measured for delivered value and be quickly iterated to success.

Some of the partners have expressed concerns about letting the AI make the decisions, others about the risks associated with use of it for the type of service they deliver. The CIO wants to know if these concerns can be addressed, and how risks will be covered by a new architecture enabling AI and Machine Learning.

Refer to the scenario

You have been asked to respond to the CIO recommending an approach that would enable the development of an architecture that addresses the concerns of the CIO and the concerns of the partners.

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

- A. You recommend that a Communications Plan be created to address the key stakeholders, the most powerful and influential partners. This plan should include a report that summarizes the key features of the architecture reflecting their requirements. You will check with each key stakeholder that their concerns are being addressed. Risk mitigation and agility will be explicitly addressed as a component of the architecture being developed.
- B. You recommend that all possible models be created for each candidate architecture that will enable the AI and Machine Learning solution. This ensures that all the necessary data and detail is addressed. A formal review should be held with the stakeholders to verify that their concerns have been properly addressed by the models. Agility will be considered during Phase G Implementation Governance.
- C. You recommend that an analysis of the stakeholders is undertaken resulting in documenting the stakeholders and their concerns in a Stakeholder Map. The concerns and relevant views should then be defined for each group and recorded in the Architecture Vision document. The requirements will include risk mitigation through regular assessments. This will also allow a supervised agile implementation of the continuous Machine Learning.
- D. You recommend creation of a set of business models that can be applied uniformly across all architecture projects. The stakeholders will be trained to understand the business models to ensure they can see that their concerns are being addressed. Risk will be addressed once the Security Architecture is developed, which will happen later to avoid slowing down the agility required by the CIO.

**Answer: C**

Explanation:

A Stakeholder Map is a technique that can be used to identify and classify the stakeholders of the architecture work, and to document their key interests, requirements, and concerns. A stakeholder is any person, group, or organization that has a stake in the outcome of the architecture work, such as the sponsor, the client, the users, the suppliers, the regulators, or the competitors. A Stakeholder Map can help to understand the needs and expectations of the stakeholders, and to communicate and engage with them effectively. The steps for creating a Stakeholder Map are:

Identify the stakeholders of the architecture work, using various sources and methods, such as interviews, surveys, workshops, or existing documents.

Classify the stakeholders according to their roles, responsibilities, and relationships, using various criteria and dimensions, such as power, influence, interest, attitude, or impact.

Define the concerns and relevant views for each stakeholder group, using various techniques, such as business scenarios, use cases, or value propositions. A concern is a key interest or issue that is relevant to the stakeholder, such as a goal, a problem, a need, or a risk. A view is a representation of the system of interest from the perspective of one or more stakeholders and their concerns.

Record the stakeholders and their concerns in a Stakeholder Map, which shows the mapping between the stakeholder groups, the concerns, and the views. The Stakeholder Map also shows the dependencies, assumptions, and issues related to each stakeholder and concern.

Therefore, the best answer is B, because it recommends the approach that would enable the development of an architecture that addresses the concerns of the CIO and the partners, using the Stakeholder Map technique. The answer covers the following aspects:

An analysis of the stakeholders is undertaken, which involves identifying, classifying, and defining the stakeholders and their concerns.

The stakeholders and their concerns are documented in a Stakeholder Map, which provides a clear and comprehensive picture of the stakeholder landscape and their interests.

The concerns and relevant views are recorded in the Architecture Vision document, which is the output of Phase A: Architecture Vision of the Architecture Development Method (ADM), which is the core process of the TOGAF standard that guides the development and management of the enterprise architecture. The Architecture Vision defines the scope and approach of the architecture work, and establishes the business goals and drivers that motivate the architecture work. The Architecture Vision also involves obtaining the approval and commitment of the sponsors and other key stakeholders, and initiating the Architecture Governance process. The requirements include risk mitigation through regular assessments, which involves identifying, analyzing, and

evaluating the risks that may affect the architecture, and determining the appropriate measures or actions to prevent, reduce, or mitigate the risks. Risk mitigation can also involve monitoring and reviewing the risk situation, and communicating and reporting the risk status and actions<sup>3</sup> This approach also allows a supervised agile implementation of the continuous Machine Learning, which involves applying agile principles and practices to the architecture development and implementation, such as iterative and incremental delivery, frequent feedback, collaboration, and adaptation. A supervised agile implementation can help to ensure the quality, value, and alignment of the architecture, and to respond to the changing needs and expectations of the stakeholders.

1: The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 24: Stakeholder Management 2: The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 18: Phase A: Architecture Vision 3: The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 32: Risk Management : The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 29: Applying Iteration to the ADM

### NEW QUESTION # 23

You are working as an Enterprise Architect within the Enterprise Architecture (EA) team at a healthcare and life sciences company. The EA team is developing a secure system for researchers to share clinical trial information easily across the organization and with external partners.

Due to the highly sensitive nature of the information, each architecture domain must consider privacy and safety concerns. The healthcare division has been directed to minimize disruptions to clinical trials while introducing the new system gradually.

How would you identify the work packages for introducing the new system? Based on the TOGAF standard, which of the following is the best answer?

- A. Use a Consolidated Gaps, Solutions, and Dependencies Matrix to create work packages and sequence them into Capability Increments. Document in a Transition Architecture State Evolution Table.
- **B. Use a Consolidated Gaps, Solutions, and Dependencies Matrix to classify each solution, group them into work packages, then regroup into Capability Increments. Document in an Architecture Definition Increments Table.**
- C. Draw up an Implementation Factor Catalog to indicate actions and constraints. Use a Consolidated Gaps, Solutions, and Dependencies Matrix, then group similar activities into work packages and identify dependencies.
- D. Identify Solution Building Blocks for development or procurement, then use a CRUD matrix to rank and select the most cost-effective work packages. Schedule the rollout sequentially across regions.

### Answer: B

#### Explanation:

In the TOGAF framework, understanding and addressing stakeholder concerns is crucial, particularly for complex projects with high stakes like the AI-first initiative described in the scenario. This approach aligns well with TOGAF's ADM (Architecture Development Method) and its emphasis on effective stakeholder management and risk assessment. Here's why this is the best course of action:

**Stakeholder Analysis and Documentation:** Conducting a stakeholder analysis is foundational in the early stages of any TOGAF project, particularly during the Preliminary and Architecture Vision phases. This process involves identifying the different stakeholders, understanding their positions, documenting their concerns, and considering any cultural factors that might influence their perspective on the AI-first initiative. Given the diverse concerns raised (such as job security, skill requirements, and cybersecurity), it's essential to have a clear understanding of each stakeholder group's priorities and fears.

**Recording Concerns in the Architecture Vision Document:** The Architecture Vision phase in TOGAF focuses on defining the high-level scope and objectives of the architecture project. By documenting stakeholder concerns and the corresponding views in the Architecture Vision document, the EA team ensures that these concerns are transparently acknowledged and addressed as part of the strategic direction. This step not only aligns with TOGAF best practices but also helps in building stakeholder buy-in and trust.

**Architecture Requirements Specification and Risk Management:** Risk management is a key aspect of TOGAF's ADM, particularly in the Requirements Management and Implementation Governance phases. Documenting the requirements for addressing specific risks in the Architecture Requirements Specification provides a structured way to ensure that identified risks are acknowledged and managed throughout the transformation. Regular assessments and feedback loops ensure ongoing alignment and adaptability to emerging risks, which is particularly important given the dynamic nature of AI and its associated challenges.

**Alignment with TOGAF ADM Phases:** This approach follows the prescribed flow of TOGAF's ADM, starting with stakeholder engagement in the Preliminary and Architecture Vision phases and progressing to risk assessment in the Requirements Management phase. By maintaining a focus on stakeholder needs and formalizing these into architecture requirements, the EA team can ensure that the architecture not only meets business objectives but also mitigates stakeholder concerns.

**TOGAF Reference on Stakeholder Management Techniques:** TOGAF places significant emphasis on managing stakeholder concerns through its stakeholder management techniques, which highlight the need to systematically identify, analyze, and address the concerns of all involved parties. This practice helps ensure that the architecture is viable and accepted across the organization. By conducting a thorough stakeholder analysis and integrating the findings into both the Architecture Vision and the Architecture Requirements Specification, the EA team can proactively address stakeholder concerns, manage risks, and align the AI-first initiative with the agency's strategic objectives. This approach is consistent with TOGAF's guidance and provides a structured framework for

addressing both business and technical challenges in the context of an AI-first transformation.

#### NEW QUESTION # 24

Please read this scenario prior to answering the question

You are employed as an Enterprise Architect at a technology company, reporting directly to the Chief Enterprise Architect. The company supplies personnel and delivers cloud- based solutions to numerous government agencies.

The nature of the business is such that the data and the information stored on the company systems is the company's major asset and is highly confidential. The company employees work remotely and need constant access to the company systems, which is done by the public infrastructure. They use message encryption, secure internet connections using Virtual Private Networks (VPNs), and other standard security measures. The company provides computer security awareness training for all its staff.

The Chief Security Officer (CSO) has noted an increase in distributed denial of service (DDoS) attacks on companies with a similar profile. The CSO understands that even with thorough preparation, a major attack could stop employees from being able to do their jobs. This could lead to a large financial loss, damage to the company's reputation with customers, and employees being unable to work.

A risk assessment has been completed and the company has looked for cyber insurance that covers such attacks. The price for this insurance is very high. The CTO has decided not to get cyber insurance to cover such attacks.

The company follows the TOGAF standard as the method and guiding framework for its Enterprise Architecture (EA) practice. The Chief Technology Officer (CTO) is the sponsor of the activity. The practice uses an iterative approach for its architecture development.

This has enabled the decision makers to gain valuable insights into the different aspects of the business Please read this scenario prior to answering the question You have been asked to describe the steps you would take to strengthen the current architecture to improve data protection.

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

- A. You would ensure that business value and cost of continuity measures are understood by key stakeholders, and that the company has in place up-to-date processes for managing change to the current Enterprise Architecture. You recommend that DDoS mitigation be addressed at the infrastructure level to ensure effective, scalable protection. Changes should be made to the baseline description of the Technology Architecture. The changes should be approved by the Architecture Board and implemented by change management techniques.
- B. You would hold an Architecture Compliance Review with the scope to examine the company's ability to respond to such attacks. You would identify the departments involved and have them nominate representatives. You would then tailor checklists to address the requirement for increased business continuity and resilience. You would circulate the checklists to the nominated representatives for them to complete. You would review the completed checklists, identifying and resolving issues. You would then determine and present your recommendations to the Architecture Board.
- C. You would run a planning exercise to assess the business continuity requirements and analyze the current Enterprise Architecture for gaps. You create a formal change request related to business resilience and maintaining critical business functions. You would arrange a meeting of the Architecture Board to assess and approve the change request. Once approved you would create a new Request for Architecture Work to begin an ADM cycle to implement the changes.
- D. You would request technology updates from existing suppliers that improve the company's capabilities to detect, react, and recover from an incident. You would run a simulated ransomware attack to evaluate the current Enterprise Architecture's resilience and recovery capabilities. Using the findings, you would perform a gap analysis of the current Enterprise Architecture, and prepare change requests to address identified gaps. You would document the changes implemented and add to the Architecture Repository.

**Answer: C**

Explanation:

In this scenario, the CTO has not purchased cyber-insurance, the CSO is concerned about increased DDoS risk, and YOU (the EA) are asked "to describe the steps you would take to strengthen the current architecture to improve data protection." Because the company follows the TOGAF standard and uses an iterative ADM cycle, the correct response must:

Start with the risk/continuity concern

Use the formal TOGAF change management process

Lead to a Request for Architecture Work

Initiate a new ADM cycle to update the architecture properly

Ensure Architecture Board governance

Option B is the only answer that matches TOGAF's required process.

✓ Why Option B is correct (TOGAF-aligned)

Option B follows TOGAF's Architecture Change Management (Phase H) process:

Assess the business continuity requirements

- Correct: Phase H requires evaluating change triggers such as new risks, threats, or incidents.
- DDoS risk → business continuity concern → legitimate architecture change trigger.

Analyze the current architecture for gaps

- Correct: TOGAF Phase H requires assessing whether the current baseline architecture can support required resilience.

Create a formal Change Request

- Exactly correct: Phase H outputs Architecture Change Requests (ACRs) for significant changes.
- ACR includes description, rationale, and impact (in this case: resilience, continuity, and data protection).

Architecture Board reviews/approves the change request

- Correct: All major architecture changes must go through Architecture Governance.

Create a new Request for Architecture Work (RFAW)

- Required when the change is significant and needs a new ADM cycle.
- Strengthening data protection and business continuity DEFINITELY qualifies as a major change.

Begin a new ADM cycle to implement the changes

- Perfectly aligned with TOGAF's iterative approach:

Business continuity → update Technology Architecture → updated security patterns → updated Target Architecture.

This is exactly the TOGAF-prescribed method to strengthen an architecture when significant new risks appear.

Therefore, Option B is the correct and TOGAF-compliant answer.

✘ Why the other options are incorrect

A - Not TOGAF-aligned

Starts with vendors and simulations (not TOGAF-first steps).

No mention of Architecture Board or Change Management.

No Request for Architecture Work.

Gap analysis alone is not the first step for significant architectural risk.

C - Too narrow and skips TOGAF governance

Jumps straight to modifying the Technology Architecture baseline.

No Change Request, no RFAW, no ADM cycle initiation.

Recommends a solution ("DDoS mitigation at infrastructure level") before architectural assessment.

D - Misuses Architecture Compliance Review

Architecture Compliance Reviews check conformity to an existing architecture-not evaluate new risks or design resilience enhancements.

A compliance review is not the correct first step for addressing new threats.

## NEW QUESTION # 25

Please read this scenario prior to answering the question

You have been appointed as Chief Enterprise Architect (CEA), reporting to the Chief Technical Officer (CTO), of a company established as a separate operating entity by a major automotive manufacturer. The mission of the company is to build a new industry leading unified technology and software platform for electric vehicles.

The company uses the TOGAF Standard as the basis for its Enterprise Architecture (EA) framework, and architecture development follows the purpose-based EA Capability model as described in the TOGAF Series Guide: A Practitioners' Approach to Developing Enterprise Architecture Following the TOGAF® ADM.

An end-to-end Target Architecture has been completed with a roadmap for change over a five-year period. The new platform will be a cross-functional effort between hardware and software teams, with significant changes over the old platform. It is expected to be developed in several stages over three years. The EA team has inherited the architecture for the previous generation hardware and software automotive platform, some of which can be carried over to the new unified platform. The EA team has started to define the new platform, including defining which parts of the architecture to carry forward.

Enough of the Business Architecture has been defined, so that work can commence on the Information Systems and Technology Architectures. Those need to be defined to support the core business services that the company plans to provide. The core services will feature an innovative approach with swarm data generated by vehicles, paving the way for autonomous driving in the future.

The presentation and access to different variations of data that the company plans to offer through its platform pose an architecture challenge. The application portfolio and supporting infrastructure need to interact with various existing cloud services and data- Refer to the scenario You have been asked what approach should be taken to determine and organize the work to deliver the requested architectures?

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

- A. You will revisit ADM Phase A, identifying the stakeholders and creating a new Architecture Vision. You will update the Stakeholder map produced for the strategic architecture so it reflects the stakeholders who are now the most relevant to the projects that are to be developed. You would then ask the CTO to make some decisions about the Architecture Roadmap, and update the Implementation and Migration Plan to reflect the decisions.
- B. You would refer to the end-to-end Target Architecture for guidance and direction. The first objective should be to identify

projects, dependencies and synergies, then prioritize before initiating the projects. You will develop high-level architecture descriptions. For each project you would estimate effort size, identify reference architectures, and candidate building blocks. You will identify the resource needs considering cost and value. You will document options, risks, and controls to enable viability analysis and trade-off with the stakeholders.

- C. You would look outside the enterprise to research data models and application portfolios of leading big data businesses. You would develop just enough applications, data, and technology architecture to identify options. For each project this should include identification of candidate architecture and solution building blocks. You will identify solution providers, perform a readiness assessment, and assess the viability and fitness of the solution options. You will then document the draft Implementation and Migration plan.
- D. You will research leading data businesses, developing high-level Target Data, Application and Technology Architectures. You would review the Architecture Vision in order to estimate the level of detail, time, and breadth of the ADM cycle phases that will be needed to develop the architecture. You will identify and cost major work packages, and then develop an Architecture Roadmap. You would then seek approval by the Architecture Board and initiate the project.

**Answer: B**

Explanation:

The Target Architecture is a description of the future state of the architecture that addresses the business goals and drivers, and satisfies the stakeholder requirements and concerns. The Target Architecture is developed through the Architecture Development Method (ADM), which is the core process of the TOGAF standard that guides the development and management of the enterprise architecture. The Target Architecture is typically divided into four domains: Business, Data, Application, and Technology. The Target Architecture also includes a roadmap for change, which defines the Transition Architectures, the Capability Increments, and the work packages that enable the transition from the Baseline Architecture to the Target Architecture<sup>12</sup> The best answer is B, because it describes the approach that should be taken to determine and organize the work to deliver the requested architectures, which are the Information Systems and Technology Architectures. The answer covers the following steps:

Refer to the end-to-end Target Architecture for guidance and direction. The end-to-end Target Architecture provides the overall vision, scope, and objectives of the architecture work, and the alignment with the business strategy and goals. The end-to-end Target Architecture also provides the high-level definitions and principles for the four architecture domains, and the roadmap for change that outlines the major milestones and deliverables.

Identify projects, dependencies and synergies, then prioritize before initiating the projects. Projects are the units of work that implement the architecture work packages, which are the sets of actions or tasks that are required to implement a specific part of the architecture. Dependencies are the relationships and constraints that affect the order or priority of the projects, such as logical, temporal, or resource dependencies. Synergies are the benefits or advantages that result from the combination or coordination of the projects, such as cost savings, efficiency gains, or innovation opportunities. Prioritization is the process of ranking the projects according to their importance, urgency, or value, and assigning resources and schedules accordingly.

Develop high-level architecture descriptions. High-level architecture descriptions are the outputs of the architecture development phases (B, C, and D) of the ADM cycle, which describe the Business, Data, Application, and Technology Architectures in terms of the Architecture Building Blocks (ABBs) and the Solution Building Blocks (SBBs), which are reusable components of business, IT, or architectural capability. High-level architecture descriptions also include the Architecture Views, which are representations of the system of interest from the perspective of one or more stakeholders and their concerns.

For each project, estimate effort size, identify reference architectures, and candidate building blocks. Effort size is the measure of the amount of work, time, or resources required to complete a project. Effort size can be estimated using various techniques, such as analogy, expert judgment, parametric, or bottom-up. Reference architectures are standardized architectures that provide a common framework and vocabulary for a specific domain or industry. Reference architectures can be used as a source of best practices, patterns, and models for the architecture development. Candidate building blocks are the potential ABBs or SBBs that can be used to implement the architecture. Candidate building blocks can be identified from the Architecture Repository, which is a collection of architecture assets, such as models, patterns, principles, standards, and guidelines.

Identify the resource needs considering cost and value. Resource needs are the specifications and criteria that define the acceptable level and quality of the resources required to complete the project, such as human, financial, physical, or technological resources.

Resource needs can be identified by analyzing the scope, complexity, and dependencies of the project, and the availability, capability, and suitability of the resources. Cost and value are the factors that influence the allocation and utilization of the resources, such as the budget, the return on investment, the benefits, or the risks.

Document options, risks, and controls to enable viability analysis and trade-off with the stakeholders. Options are the alternative ways of achieving the project objectives, such as different solutions, technologies, vendors, or approaches. Risks are the effects of uncertainty on the project objectives, such as threats or opportunities. Controls are the measures or actions that are taken to prevent, reduce, or mitigate the risks, such as policies, procedures, or standards. Viability analysis is the process of evaluating and comparing the options, risks, and controls, and determining the feasibility, suitability, and desirability of each option. Trade-off is the decision outcome that balances and reconciles the multiple, often conflicting, requirements and concerns of the stakeholders, and ensures alignment with the Architecture Vision and the Architecture Principles.

References: 1: The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 5: Introduction to the ADM 2: The TOGAF Standard, Version 9.2, Part IV: Architecture Content Framework, Chapter 36: Building Blocks : The

TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 18: Phase A: Architecture Vision : The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 19: Phase B: Business Architecture : The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 20: Phase C: Information Systems Architectures : The TOGAF Standard, Version 9.2, Part II: Architecture Development Method (ADM), Chapter 21: Phase F: Migration Planning : The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 23: Architecture Principles : The TOGAF Standard, Version 9.2, Part III: ADM Guidelines and Techniques, Chapter 30: Trade-Off Analysis : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 46: Tools for Architecture Development : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 47: Architecture Board : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 48: Architecture Compliance : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 49: Architecture Contract : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 50: Architecture Governance : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 51: Architecture Maturity Models : The TOGAF Standard, Version 9.2, Part VI: Architecture Capability Framework, Chapter 52: Architecture Skills Framework

### NEW QUESTION # 26

Please read this scenario prior to answering the question

Your role is that of a consultant to the Lead Enterprise Architect in a multinational automotive manufacturer.

The company has a corporate strategy that focuses on electrification of its portfolio, and it has invested heavily in a new shared car platform to use across all its brands. The company has four manufacturing facilities, one in North America, two 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. There are significant supply chain shortages for electronic components, which are impacting production. In response to this the company has taken on new suppliers and has also taken design and production of the battery pack in-house.

The company has a mature Enterprise Architecture practice. The TOGAF standard is used for developing the process and systems used to design, manufacture, and test the battery pack. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

As part of putting the new battery pack into production, adjustments to the assembly processes need to be made. A pilot project has been completed at a single location. The Chief Engineer, sponsor of the activity, and the Architecture Board have approved the plan for implementation and migration at each plant.

Draft Architecture Contracts have been developed that detail the work needed to implement and deploy the new processes for each location. The company mixes internal teams with a few third-party contractors at the locations. The Chief Engineer has expressed concern that the deployment will not be consistent and of acceptable quality.

Refer to the scenario

The Lead Enterprise Architect has asked you to review the draft Architecture Contracts and 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. For changes requested by an internal team, you recommend a memorandum of understanding between the Architecture Board and the implementation organization. For contracts issued to third-party contractors, you recommend that it is a fully enforceable legal contract. You recommend that the Architecture Board reviews all deviations from the Architecture Contract and considers whether to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
- B. You review the contracts ensuring that they address project objectives, effectiveness metrics, acceptance criteria, and risk management. Third-party contracts must be legally enforceable. You recommend a schedule of compliance reviews at key points in the implementation process. You recommend that the Architecture Board reviews all deviations from the Architecture Contract and considers whether to grant a dispensation to allow the process to be customized for local needs.
- C. You recommend that the Architecture Contracts be used to manage the architecture governance processes across the locations. You recommend deployment of monitoring tools to assess the performance of each completed battery pack at each location and develop change requirements if necessary. If a deviation from the contract is detected, the Architecture Board should allow the Architecture Contract to be modified meet the local needs. In such cases they should issue a new Request for Architecture Work to implement a modification to the Architecture Definition.
- D. For changes undertaken by internal teams, you recommend a memorandum of understanding between the Architecture Board and the implementation organization. If a contract is issued to a contractor, you recommend that it is a fully enforceable legal contract. If a deviation from the Architecture Contract is found, you recommend that the Architecture Board grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

**Answer: B**

Explanation:

According to the TOGAF Standard, Version 9.2, an Architecture Contract is a joint agreement between development partners and

sponsors on the deliverables, quality, and fitness-for-purpose of an architecture<sup>1</sup>. It defines the scope, responsibilities, and governance of the architecture work, and ensures the alignment and compliance of the architecture with the business goals and objectives<sup>1</sup>.

In the scenario, the Lead Enterprise Architect has asked you to review the draft Architecture Contracts and recommend the best approach to address the Chief Engineer's concern about the consistency and quality of the deployment of the new processes for the battery pack production at each location.

The best answer is C, because it follows the guidelines and best practices for defining and using Architecture Contracts as described in the TOGAF Standard, Version 9.2.2. It ensures that the contracts cover the essential aspects of the project objectives, effectiveness metrics, acceptance criteria, and risk management, and that they are legally enforceable for third-party contractors. It also recommends a schedule of compliance reviews at key points in the implementation process, and a mechanism for handling any deviations from the Architecture Contract, involving the Architecture Board and the possibility of granting a dispensation to allow the process to be customized for local needs.

The other options are not correct because they either<sup>23</sup>:

A) For changes requested by an internal team, you recommend a memorandum of understanding between the Architecture Board and the implementation organization. For contracts issued to third-party contractors, you recommend that it is a fully enforceable legal contract. You recommend that the Architecture Board reviews all deviations from the Architecture Contract and considers whether to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.: This option does not address the need to review the contracts to ensure that they address the project objectives, effectiveness metrics, acceptance criteria, and risk management. It also does not recommend a schedule of compliance reviews at key points in the implementation process. Moreover, it suggests that a memorandum of understanding is sufficient for internal teams, which may not be legally binding or enforceable.

B) For changes undertaken by internal teams, you recommend a memorandum of understanding between the Architecture Board and the implementation organization. If a contract is issued to a contractor, you recommend that it is a fully enforceable legal contract. If a deviation from the Architecture Contract is found, you recommend that the Architecture Board grant a dispensation to allow the implementation organization to customize the process to meet their local needs.: This option has the same problems as option A, and also implies that the Architecture Board should always grant a dispensation for any deviation, which may not be appropriate or desirable in some cases.

D) You recommend that the Architecture Contracts be used to manage the architecture governance processes across the locations. You recommend deployment of monitoring tools to assess the performance of each completed battery pack at each location and develop change requirements if necessary. If a deviation from the contract is detected, the Architecture Board should allow the Architecture Contract to be modified meet the local needs. In such cases they should issue a new Request for Architecture Work.: This option does not address the need to review the contracts to ensure that they address the project objectives, effectiveness metrics, acceptance criteria, and risk management. It also does not recommend a schedule of compliance reviews at key points in the implementation process. Moreover, it suggests that the Architecture Board should always allow the Architecture Contract to be modified for any deviation, which may not be appropriate or desirable in some cases. It also implies that a new Request for Architecture Work should be issued for each deviation, which may not be necessary or feasible.

References:

1: The TOGAF Standard, Version 9.2, Chapter 3: Definitions and Terminology, Section 3.1: Terms and Definitions

2: The TOGAF Standard, Version 9.2, Chapter 43: Architecture Contracts

3: The TOGAF Standard, Version 9.2, Chapter 44: Architecture Governance

## NEW QUESTION # 27

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