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The Open Group TOGAF Enterprise Architecture Part 2 Exam Sample Questions (Q17-Q22):

NEW QUESTION # 17

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 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.
- B. 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.
- C. 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.
- D. 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.

Answer: A

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 effectively¹ 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 process² 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 actions³ 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.

References: 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 # 18

Scenario

You are working as an Enterprise Architect within an Enterprise Architecture (EA) team at a large government agency. The agency has multiple divisions.

The agency has a well-established EA practice and follows the TOGAF standard as its method for architecture development. Along with the EA program, the agency also uses various management frameworks, including business planning, project/portfolio management, and operations management. The EA program is sponsored by the Chief Information Officer (CIO), who has actively promoted architecting with agility within the EA department as her preferred approach for projects.

The government has mandated that the agency prepare themselves for an Artificial Intelligence (AI)-first world, which they have called their "AI-first" plan. As a result, the agency is looking to determine the impact and role that AI will play moving forward. The CIO has approved a Request for Architecture Work to look at how AI can be used for services across the agency. She has noted that digital platforms will be a priority for investment in order to scale the AI applications planned. Using AI to automate tasks and make things run smoother is seen as a big advantage. Process automation and improved efficiency from manual, repetitive activities have been identified as the key benefits of applying generative AI to their agency's business. This will include back-office automation, for example, for help center agents who receive hundreds of email inquiries. This should also improve services for citizens by making them more efficient and personalized, tailored to each individual's needs.

Many of the agency leaders are worried about relying too much on AI. Some leaders think their employees will need to learn new skills. Some employees are worried they might lose their jobs to AI. Other leaders worry about security and cyber resilience in the digital platforms needed for AI to be successful.

The leader of the Enterprise Architecture team has asked for your suggestions on how to address the concerns, and how to manage the risks of a new architecture for the AI-first project.

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

- A. You recommend conducting an analysis of the stakeholders. This involves documenting the positions, concerns, issues, and cultural factors of each group. This information will shape how the architecture is to be presented and communicated. The concerns and relevant views can then be defined for each group and recorded in the Architecture Vision document. The requirements for addressing risk should be recorded in the Architecture Requirements Specification and checked through regular assessments and feedback.
- B. You recommend creating an Organization Map to display the links between different parts of the agency. This will help the EA team to find and involve all areas of the agency impacted by this strategic change. Multiple business models should then be created that can be applied to AI-related projects. A meeting will be held with the stakeholders to teach them how to interpret the models and see how their concerns are being addressed. Risk will be managed as part of the Security Architecture development.
- C. You recommend that the key stakeholders be formally identified. This should include those who will be most helpful for the change to be successful. A Communication Plan should be made to address their needs. This plan should include a report that summarizes the key features of the architecture based on stakeholder requirements and addressing concerns. You communicate with each key stakeholder to make sure their concerns are being addressed. You make sure that the architecture being developed clearly addresses risk management.
- D. You recommend conducting an analysis that separates the different types of stakeholders into groups. They can be divided into categories: corporate functions, end-user organization, project team, external vendors, and external partners. A model will be developed for each stakeholder category to ensure that all the necessary information and actions are taken into account. Meetings will be arranged with stakeholders to verify that their concerns have been adequately addressed. Risk management will be included in this process.

Answer: A

Explanation:

Comprehensive and Detailed Step-by-Step Explanation

Context of the Scenario

The agency is initiating a strategic "AI-first" plan to transform processes using AI and improve efficiency while ensuring service improvements for citizens. Several stakeholder concerns have been raised, such as:

Job security for employees.

Skill development for adapting to new technologies.

Cybersecurity and resilience risks due to reliance on digital platforms.

TOGAF emphasizes the importance of stakeholder management, communication, and risk management to ensure successful adoption and implementation of new architecture. These concerns need to be addressed methodically by gathering requirements, analyzing stakeholder positions, and ensuring proper communication of risks and benefits.

Option Analysis

Option A:

Strengths:

Proposes creating an Organization Map to identify the links between different parts of the agency and the impact of the strategic change.

Suggests holding stakeholder meetings to address concerns.

Includes managing risks as part of Security Architecture development.

Weaknesses:

Focusing solely on creating business models and teaching stakeholders how to interpret them does not directly address cultural and positional concerns about job loss, skill development, and security.

Risk management is addressed as part of Security Architecture development but lacks broader integration into stakeholder requirements.

Conclusion: Incorrect, as it fails to systematically document stakeholder concerns and map them into requirements and architecture decisions.

Option B:

Strengths:

Highlights the importance of formal stakeholder identification and creating a Communication Plan.

Suggests addressing stakeholder concerns through communication and risk management.

Weaknesses:

Does not go into detail on analyzing stakeholder concerns, cultural positions, or specific requirements.

Lacks the inclusion of stakeholder feedback in architecture artifacts like the Architecture Vision or Requirements Specification, which are critical TOGAF outputs.

Conclusion: Incorrect, as it does not include a systematic and structured approach for stakeholder analysis and integration into architecture deliverables.

Option C:

Strengths:

Emphasizes conducting a thorough stakeholder analysis to document concerns, positions, and cultural factors, which aligns with TOGAF's approach in Phase A (Architecture Vision).

Ensures stakeholder views and requirements are recorded in the Architecture Vision document and reflected in the Architecture Requirements Specification.

Includes continuous assessment and feedback, ensuring concerns are addressed and risks managed effectively.

Aligns with TOGAF's principle of involving stakeholders in architecture development to ensure alignment and success.

Weaknesses:

Could further detail how risk management is included across all phases, but this is implied through integration into the Architecture Requirements Specification.

Conclusion: Correct, as it provides a structured and detailed approach for addressing stakeholder concerns and managing risks within TOGAF's framework.

Option D:

Strengths:

Suggests categorizing stakeholders into groups and creating models for each category.

Proposes arranging meetings to verify that concerns have been addressed.

Includes risk management as part of the process.

Weaknesses:

Dividing stakeholders into generic categories (e.g., corporate functions, project team) may not adequately capture specific cultural factors and concerns raised in the scenario.

Lacks integration of stakeholder feedback into architecture deliverables such as the Architecture Vision and Architecture Requirements Specification.

Conclusion: Incorrect, as it provides a generalized and less targeted approach to stakeholder concerns compared to Option C.

TOGAF Reference

Stakeholder Management (Phase A): TOGAF emphasizes analyzing stakeholders' positions, concerns, and issues to shape architecture development and communication (TOGAF 9.2, Section 24.2).

Architecture Vision: Captures high-level requirements and stakeholder views to ensure alignment with business goals (TOGAF 9.2, Section 6.2).

Architecture Requirements Specification: Records detailed requirements, including those related to risk management, to guide the development of target architectures (TOGAF 9.2, Section 35.5).

Iterative Feedback: Regular assessments and feedback loops are critical to ensure stakeholder concerns are addressed effectively throughout the ADM cycle.

By selecting Option C, the approach adheres to TOGAF's principles of stakeholder analysis, communication, and integration of

concerns into architecture development.

NEW QUESTION # 19

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 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.
- C. 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.
- **D. 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.**

Answer: D

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 architecture¹. 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 objectives¹.

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 9.22. 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 either²³:

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.

Reference:

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 # 20

Please read this scenario prior to answering the question

You are working as an Enterprise Architect within a healthcare and life science company. The company is a leading player in its industry, dedicated to transforming healthcare with new ideas and advancements. The company has multiple divisions that cover different aspects of the business.

The company's Enterprise Architecture (EA) department has been operating for several years and has mature, well-developed architecture governance and development processes following the TOGAF Standard. In addition to the EA program, the company has a number of management frameworks in use.

The Architecture Board includes representatives from each division of the company.

Many of the company's rivals have begun utilizing Artificial Intelligence (AI) in their operations, and the indications are that this will be transformative for healthcare delivery. This is something the EA department has been interested in for a while, and they had recently submitted an architecture Change Request which was approved. As a result, the CIO has approved a Request for Architecture Work to investigate the implementation of AI in the company.

Areas for evaluation include:

How can staff use AI daily in their current role?

How AI can enhance access to care for patients, and how to make that experience seamless?

How AI can offer new workplace platforms and tools to increase efficiency?

Some of the top managers are worried about a change in the way of working, and if it will achieve the goals.

Many are not confident that the company's risk management processes are adequate for a company-wide integration of generative AI. There are also questions from staff about whether enough specific guidelines and policies have been put in place for responsible use of AI.

The Chief Information Officer (CIO) is the sponsor of the Enterprise Architecture program. The CIO has actively encouraged architecting with agility within the EA department as her preferred approach for projects.

The CIO wants to know how to address these concerns and reduce risks.

Refer to the scenario

You have been tasked with starting the architecture development. How do you begin?

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, that is the most powerful and influential partners. This plan should include a report that summarizes the key features of the architecture with respect to each

location and reflects the stakeholders' requirements.

You will check with each key stakeholder that their concerns are being addressed. Risk mitigation should be explicitly addressed as a component of the architecture being developed.

- B. You recommend that an analysis of the stakeholders is undertaken. This will allow the architects to define groups of partners (the stakeholders) who have common concerns and include development of a Stakeholder Map. The concerns and relevant views should then be defined for each group and recorded in the Architecture Vision document. To mitigate risk, you include a requirement that there be progressive development of the target architecture to ensure there is regular feedback.
- C. You recommend creation of a set of business models that can be applied uniformly across all AI-related architecture projects. These should be developed in the portable format to ensure maximum portability across the many tools used in the firm. Each architecture should then be defined based on this fixed set of models. All concerned parties can then examine the models to ensure that their needs have been addressed.
- D. You recommend that models be created for the Draft Business, Data, Application, and Technology Architectures. These can be used to ensure that the system will be compliant with the local regulations for each division. Together with the problem description, and requirements, 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.

Answer: B

Explanation:

Key aspects of the scenario:

Objective:

Integrating Artificial Intelligence (AI) into healthcare delivery, with a focus on improving patient care, enhancing workplace efficiency, and enabling seamless experiences.

Challenges:

Stakeholder concerns about risk management, adaptability to change, and ensuring alignment with regulations and policies.

Addressing the concerns of staff and top management about AI integration and achieving the desired goals.

CIO's Perspective:

Encouraging an agile approach to architecture development.

Addressing risks and ensuring stakeholder concerns are managed.

Areas for Evaluation:

AI usage by staff and impact on workflows.

Patient experience enhancement via AI.

New workplace platforms and tools powered by AI.

Option Analysis:

Option 1: Analysis of stakeholders and development of a Stakeholder Map Pros:

Stakeholder analysis is critical for identifying concerns, viewpoints, and requirements.

TOGAF emphasizes stakeholder engagement early in the process to mitigate risks and align expectations.

Developing a Stakeholder Map ensures clear alignment with their interests and creates a foundation for regular feedback loops.

Cons:

Does not explicitly address the creation of architecture models or policies upfront.

Option 2: Creation of a Communications Plan

Pros:

A communications plan fosters effective stakeholder engagement by addressing their concerns and ensuring transparent reporting.

Risk mitigation as part of communication aligns with TOGAF's stakeholder management practices.

Cons:

This focuses more on communication mechanics rather than advancing architectural development directly.

Option 3: Models for Draft Business, Data, Application, and Technology Architectures Pros:

Aligns with the Architecture Development Method (ADM), ensuring compliance with requirements and regulations.

Helps formalize stakeholder feedback by verifying their concerns against tangible models.

Cons:

Developing detailed models early on may delay immediate resolution of stakeholder concerns and risk mitigation.

Option 4: Set of reusable business models for AI-related projects

Pros:

Standardized models ensure consistency and portability across the organization's AI-related efforts.

Cons:

Too narrow in focus for the initial architecture development phase; does not address risk management or stakeholder concerns adequately.

Recommended answer:

Option 1: You recommend that an analysis of the stakeholders is undertaken.

Reasoning:

The scenario highlights stakeholder concerns about risks, adaptability, and compliance. Addressing these concerns requires

stakeholder analysis as the first step.

A Stakeholder Map aligns with TOGAF's emphasis on stakeholder engagement, providing a structured way to manage their concerns and expectations.

Identifying concerns early and integrating feedback into the Architecture Vision document ensures alignment with goals and smooth progress.

Option 1 sets the foundation for collaboration and risk management, making it the best fit for the current phase.

NEW QUESTION # 21

Please read this scenario prior to answering the question

You are employed as an Enterprise Architect at a leading global technology enterprise specializing in digital infrastructure, cloud computing, and data-centric innovation. The company provides a vast ecosystem of platforms that serve billions of users across the globe. These platforms span online marketplaces, advanced advertising networks, AI-driven services, productivity tools, and digital entertainment experiences.

The senior leadership within the company is worried about the company's ability to address all the opportunities around artificial intelligence (AI). They feel that the business is at risk of falling behind its competitors, and that significant changes are necessary for the business to remain competitive. Most senior leaders feel that the operations need to be more efficient, and the organization needs to change to achieve its future goals.

The company has an established Enterprise Architecture (EA) program based on the TOGAF standard, sponsored jointly by the Chief Information Officer (CIO) and senior executives. In your role as an Enterprise Architect within the EA team, you work closely with the business stakeholders in the company as well as the sponsors.

The CEO has decided that reorganizing its subsidiaries around artificial intelligence and machine learning will improve the way the company creates and delivers value.

The sponsors have approved a project for the reorganization which is being led by the EA team.

The EA team have developed a strategic architecture which has been approved by the sponsors. It includes an Architecture Vision, and high-level definitions of the domain architectures. This sets out a plan over a multi-year period and covers three distinct transformations to implement the reorganization.

The sponsors have read reports that the majority of transformation projects dealing with digital and artificial intelligence are failing. They have made it clear that prior to the approval of the detailed Implementation and Migration plan, the EA team needs to address the risks associated with the reorganization. They want assurance that the reorganization will succeed and deliver the promised increases in value for the business.

Refer to the scenario

The EA team leader has asked how you would address the request from the sponsors.

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

- A. Before preparing the detailed Implementation and Migration plan, you would review and consolidate the gap analysis results from Phases B to D. This enables you to evaluate the implications related to potential solutions and inter-dependencies. It is used to identify the transformations required to achieve the proposed Target Architecture. You then assess the readiness of the organization to undergo change and determine an overall direction to reach that Target Architecture while addressing the risks identified. The Transition Architectures should be planned using a state evolution table.
- B. You would bring together information about potential approaches and produce several alternative target transition architectures. You would then investigate the different architecture alternatives and discuss these with stakeholders using the Architecture Alternatives and Trade-offs technique. Once the target architecture has been selected, it should be analyzed using a state evolution table to determine the Transition Architectures. A value realization process should then be established to ensure that the concerns raised are addressed.
- C. You would apply an analysis and assessment to evaluate the potential risks with the proposed new architecture. This includes the development of a matrix showing the organizational requirements. The degree of change should then be aligned with the corporate operating model to ensure risks are mitigated and minimized. The risk mitigations can then be included within each of the target Transition Architectures. You would then finalize the Architecture Roadmap and the Implementation and Migration Plan.
- D. You would assess how ready the organization is to change. This includes identification and classification of the risks associated with the transformations, together with an approach to mitigate the risks. This includes identifying dependencies between the set of changes, including gaps and work packages. It also identifies improvement actions to be worked into the Implementation and Migration Plan. The business value, effort, and risk associated for each transformation should then be identified and documented.

Answer: D

Explanation:

In this scenario, the strategic architecture is already complete and approved, and the sponsors now want assurance about risks before approving the detailed Implementation & Migration Plan. According to TOGAF, this work occurs in Phase E: Opportunities

& Solutions and Phase F: Implementation & Migration, where a key activity is performing Business Transformation Readiness Assessment and Risk Assessment before finalizing the roadmap and migration plan.

Option C aligns exactly with TOGAF guidance for this stage:

Why Option C is correct

1. It starts with assessing organizational readiness for change

TOGAF Phase E requires evaluation of Business Transformation Readiness, addressing:

Organizational capability

Cultural readiness

Skills and capacity

Sponsorship and governance

This is exactly what Option C describes:

"assess how ready the organization is to change."

This directly responds to the concern in the scenario that "most senior leaders feel the operations need to be more efficient" and that "significant changes are necessary."

2. It includes identification and classification of risks

TOGAF requires performing a Risk Assessment before migration planning, ensuring risks are categorized, documented, and mitigation strategies defined.

Option C includes:

"identification and classification of the risks ... together with an approach to mitigate the risks." This is precisely what the sponsors requested: clear management of risks before approving migration planning.

3. It ties risk, dependencies, and gaps directly into the Implementation & Migration Plan TOGAF requires identifying:

Dependencies between work packages

Gaps between baseline and target

Required actions to improve readiness

Work package sequencing

Option C states:

"identifying dependencies between the set of changes, including gaps and work packages... identifying improvement actions to be worked into the Implementation and Migration Plan." This matches TOGAF Phase E and F activities exactly.

4. It evaluates business value, effort, and risk for each transformation The scenario involves three distinct transformations, and sponsors want assurance of value delivery. TOGAF Phase F includes Consolidated Gaps, Solutions, and Dependencies and migration prioritization based on value, cost, and risk.

Option C states:

"The business value, effort, and risk associated for each transformation should then be identified and documented." This is directly aligned to the TOGAF-required migration prioritization criteria.

Why the other options are incorrect

A - Focuses on gap analysis only

Gap analysis was performed during Phases B-D, and while relevant, Option A does not emphasize risk, readiness, or assurance-key concerns of the scenario.

B - Misrepresents TOGAF (organizational requirements matrix is not a formal TOGAF artifact) Also, it incorrectly focuses on aligning change with the operating model, which TOGAF does not prescribe as the primary risk-mitigation activity.

D - Focuses on architectural alternatives; the target architecture is already approved The scenario states the strategic architecture is complete and approved-there is no need to revisit alternatives. This is misaligned with the starting point of the question.

Conclusion

Option C is the only answer that conducts:

Business transformation readiness assessment

Risk identification and mitigation

Dependencies, gaps, and work package analysis

Integration of risks and improvement actions into migration planning

This matches precisely what TOGAF expects at this stage and what the sponsors requested.

NEW QUESTION # 22

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