

OG0-092 Dumps

TOGAF 9 Part 2

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NEW QUESTION 1

ARTI Dimensioning is a multinational that operates production facilities in 29 countries and sells its products in over 120 countries.

A consultancy firm has recommended a realignment that will enhance sharing of product information across business units. The implementation of this strategic realignment will require the development of integrated customer information systems and product information systems.

ARTI has a mature enterprise architecture practice and uses TOGAF 9 for the basis of the ARTI Architecture Framework (method and deliverables). The CIO is sponsoring an architecture development program that is going to start. The CIO is concerned about a potential disruptive result to the business of this activity and before proceeding with the architecture development he asked to evaluate the impacts on the company business.

Refer to the scenario above You are the Lead Architect and you have been asked to recommend an approach to address the concerns raised. Based on TOGAF 9 recommend which of the following is the best answer.

Choose one of the following answers.

- A. Risk Aversion Assessment should be conducted during the Implementation Governance phase to determine the degree of risk aversion of the proposed business transformatio
- B. After sharing the residual level of risk with the company chairman and the residual risk is not accepted, a set of parallel systems will be implemented to mitigate the risks.
- C. Your recommendation is to use risk management techniques to assess the risks associated with the proposed business transformation and ensure the existence of business continuity plan
- D. During the Implementation Governance phase you conduct a residual risk assessment to manage risks that cannot be mitigated.
- E. During the Architecture Vision phase a risk assessment is conducted to mitigate initial risks and address those in the Architecture Contract signed in the Implementation Governance phase.
- F. Your proposal is to utilize a risk management framework during the Implementation Governance phase to verify the risks associated with the proposed transformation of the busines
- G. You then share with the concerned stakeholders the residual level on risk before the Architecture Contracts are released.

Answer: B

NEW QUESTION 2

Scenario: St. Croix Consulting

Please read this scenario prior to answering the question

St. Croix Consulting 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 St. Croix'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 Enterprise Architecture framework is based on TOGAF 9.

The Chief Executive Officer and Chief Information Officer have co-sponsored the creation of the Enterprise Architecture program.

Refer to the St Croix Consulting Scenario:

You have been assigned to the role of Chief Enterprise Architect.

As the EA team prepares 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.

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. An interoperability analysis should be applied to evaluate any potential issues across the Solution Architectur
- 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. Prior to preparing the Implementation plan, the EA team should create a consolidated gap analysis to understand the transformations that are required to achieve the proposed Target Architectur
- 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 transformatio
- J. In particular, the EA team should pay attention to the Business Transformation Readiness Assessment and the Business Value Assessment.

Answer: C

NEW QUESTION 3

Scenario: Florian Flowers BV

Please read this scenario prior to answering the question

Florian Flowers BV is an international agricultural company exporting flowers and seeds worldwide. Florian 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, Florian wants to develop strong self-directed teams in each location. Florian also wants to define new business models that are profitable while reducing their impact on the environment. Florian 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.

Florian's 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 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 guiding framework for the development and evolution of the Enterprise Architecture practice.

Refer to the Florian Flowers BV Scenario

Florian management has engaged you as the Lead Consultant to assess the current situation.

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 accessed.
- E. For those groups that have sufficient power and level of interest, a special report should be created that summarizes the key features of the architecture with respect to the particular locatio
- F. Each of these reports should reflect the stakeholders' requirements.
- G. It would be beneficial to develop a stakeholder map that allows the architects to define groups of stakeholders that share common concern
- H. A set of views should be defined that addresses the concerns each grou
- I. Architecture models can then be created for each view to address the stakeholders' concerns.

Answer: A

NEW QUESTION 4

Scenario: Armstrong Defense Industries

Please read this scenario prior to answering the question

Armstrong Defense Industries is the prime contractor for the Dreadnought Unmanned Aircraft System program.

Over the course of this contract, the company has grown rapidly by acquisition and has inherited numerous different procurement processes and related IT systems. Armstrong Defense is moving aggressively to consolidate and reduce redundant procurement processes and systems. The CEO has announced that the company will seek to leverage higher volume discounts and lower related IT support costs by instituting a preferred supplier program.

To achieve this goal, Armstrong Defense needs to define Baseline and Target Architectures. These architectures must address key stakeholders concerns such as:

1. What groups of people should be involved in procurement-related business processes?
2. What current applications do those groups use?
3. Which procurement-related business processes are supported by zero, one, or many existing applications?
4. What are the overall lifetimes of the Request for Proposal and Purchase Order business objects?
5. What non-procurement applications will need to be integrated with any new procurement applications?
6. What data will need to be shared?

At present, there are no particularly useful architectural assets related to this initiative. All assets need to be acquired and customized or created from scratch. The company prefers to implement existing package applications from systems vendors with little customization.

The architecture development project has just completed its Architecture Context iteration cycle and is about to begin the Architecture Definition iteration cycle.

Armstrong Defense is using TOGAF for its internal Enterprise Architecture activities. It uses an iterative approach for executing Architecture Development Method (ADM) projects.

Refer to the Armstrong Defense Industries Scenario You are serving as the Lead Architect.

You have been asked to identify the most appropriate architecture viewpoints for this situation.

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

- A. In the early iterations of the Architecture Definition:• Describe the Baseline Business Architecture with a Baseline Business Process catalog• Describe the Baseline Application Architecture with a Technology Portfolio catalog• Describe the Baseline Data Architecture with a Data diagram In the later iterations of the Architecture Definition:• Describe the Target Business Architecture with an Actor/Process/Data catalog• Describe the Target Application Architecture with a System/Technology matrix• Describe the Target Data Architecture with a Data Dissemination diagram
- B. In the early iterations of the Architecture Definition:• Describe the Target Business Architecture with a Business Service/Function catalog and a Business Interaction matrix• Describe the key business objects with Product Lifecycle diagrams• Describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix• Describe the Target Data Architecture with a Data Entity/Business Function matrix and a System/Data matrixIn the later iterations of the Architecture Definition:• Describe the Baseline Business Architecture with a Business Service/Function catalog and a Business Interaction matrix• Describe the Baseline Application Architecture with a System/Organization matrix and a System/Function matrix• Describe the Baseline Data Architecture with a Data Entity/Data Component catalog
- C. In the early iterations of the Architecture Definition:• Describe the Target Business Architecture with a Business Service/Function catalog and an Organization/Actor catalog• Describe the key business objects with Data Lifecycle diagrams• Describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix• Describe the Target Data Architecture with a System/Data matrix In the later iterations of the Architecture Definition:• Describe the Baseline Business Architecture with a Business Service/Function catalog and a Business Interaction matrix• Describe the Baseline Application Architecture with an Application and User Location diagram and a System/Function matrix• Describe the Baseline Data Architecture with a Data Entity/Data Component catalog
- D. In the early iterations of the Architecture Definition:• Describe the Baseline Business Architecture with an Organization/Actor catalog• Describe the Baseline Application Architecture with a System/Function matrix• Describe the Baseline Data Architecture using a Data Entity/Data Component catalog In the later iterations of the Architecture Definition:• Describe the Target Business Architecture with en Organization/Actor catalog• Describe the Target Application Architecture using Application Communication diagrams end an Application Interaction matrix• Describe the Target Data Architecture with a System/Data matrix

Answer: B

NEW QUESTION 5

Scenario: AutoComp Corporation

AutoComp Corporation produces components for the Car industry. Driven by the global financial downturn they are looking to reduce IT costs. They believe there is a cost saving opportunity within IT but this is not quantified in terms of potential savings nor is there agreed target architecture.

Final decisions on the solutions are not yet fully agreed. They have completed their Vision Phase and first pass of the three architecture definition phases and now they want to finalize and plan their solutions. You are the Chief Architect from a consulting organization brought into review the work to date by AutoComp Corporation and to make recommendations to the CIO and the board on this.

Which of the following answers best describes how TOGAF recommends in this context?

- A. I would determine the business value of each solution, prioritize accordingly each set of solutions, conduct detailed Risk Assessment and Mitigation, do Compliance reviews and then implement the solution
- B. I would present my recommendations to the board for agreemen
- C. Once this is done, I would update the architectures reflecting any changes resulting from the board discussion.
- D. I would after confirming Enterprise Change Attributes and constraints, do a Consolidated Gap Analysis then dependencies, then group and allocate the

transition

E. I would also assess Enterprise readiness and risks. Then I would also assess the business value of the solutions, do risk analysis with mitigation and then schedule the work products.

F. I would do a Consolidated Gap Analysis by considering then dependencies, then group and allocate the transition

G. I would then look to produce artifacts that describe the recommended projects, the risk, issues and dependencies

H. This would also include transition architects to move us from current architecture to the recommended target architecture

I. I would present my recommendations to the board for agreement

J. Once this is done, I would update the architectures reflecting any changes resulting from the board discussion.

K. I would look at the corporate culture and attitude to change, understand the constraints such as cost and the required time horizon

L. I would then look at the architecture work to ensure it is complete and seek to address any gap

M. I would review the functional requirements and ensure there are complete interoperability requirements

N. I would then validate any dependencies and risk

O. Then formulate an implementation and migration strategy identifies major work packages and the transition architecture requires

P. Finally, once agreement is reached with the board I will create project charters and re-factor any changes needed from the board discussion into the architecture.

Answer: D

NEW QUESTION 6

Scenario: Vittronics Ltd.

Please read this scenario prior to answering the question

Vittronics 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 Vittronics has been engaged in an architecture development project to create a Secure Private Immersive Collaborative Environment (SPICE) that will allow researchers at its product development laboratories worldwide to share information about their independent clinical trials.

The Vittronics Enterprise Architecture group is a mature organization that has been utilizing

TOGAF for several years. They have recently upgraded to TOGAF 9. The Vittronics Architecture Development Method (VADM) is strictly based on the TOGAF 9 Architecture Development Method (ADM) with extensions required to support current good manufacturing practices and good laboratory practices in their target markets.

The SPICE 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 in SPICE, 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 SPICE 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 SPICE architecture 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 Vittronics Ltd Scenario

You are serving as the Lead Architect for the SPICE 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 CRLO matrix

I. Rank the work packages in terms of cost and select the most cost-effective options for inclusion in a series of Transition Architectures

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: A

NEW QUESTION 7

Scenario: Zephyr Enterprises

Please read this scenario prior to answering the question

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

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

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

Zephyr has used TOGAF and its Architecture Development Method (ADM) to develop its automated manufacturing processes and systems that are used to

design, manufacture, and test the blade assemblies. They have recently updated to TOGAF 9 and have adapted the Zephyr Enterprise Architecture to closely follow the TOGAF 9 framework. All of Zephyr's IT architects have been trained and certified on TOGAF 9. Recently, an architecture project was completed that defined a standard approach for controlling the Automated Test System that is used at each plant to perform final quality assurance tests on each completed blade assembly. The Manufacturing Architecture Board approved the plan for immediate implementation at each plant.

An Architecture Contract was developed that detailed the work needed to implement and

deploy the new Automated Test System controller. The Chief Engineer, sponsor of the activity, has expressed concern that a uniform process be employed at each site to ensure consistency.

Refer to the Zephyr Enterprises Scenario You are the Lead Architect for this activity.

You have been asked to recommend the best approach to adopt to address the Chief Engineer's concern.

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

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

Answer: C

NEW QUESTION 8

Scenario: MegaMart

Case Study Title (Case Study):

MegaMart is a Retail Chain which has expanded throughout India and the Far East. The CEO and CIO decide that there is a crying need to put an Enterprise Architecture in

place to realize MegaMart's strategy to expand its revenue and diversify. The CIO has evaluated and decided to go in for TOGAF9 and adapt it to his enterprise requirements.

The Preliminary and Vision Phase have been completed.

As such very few architectural artifacts exist and the target architecture as of now is not very clear. As the Lead Architect how would you guide your team of architects for the Business Architecture definition?

- A. In the first iteration start with the definition of the Target Business Architecture using a Top down Approach. Then keep on iterating in Phase B till the Target Business Architecture is refined before going to Phase C and Phase
- B. After Phase C and Phase D are over, iterate again to Phase B and define the baseline Business Architecture, analyze the gaps finalize the Architecture Definitions documents and proceed to Phase C and Phase D.
- C. In the first iteration start with the definition of the Baseline Business Architecture using a Top Down approach
- D. Define the Architecture Definition document after analyzing the impacts and reviewing with the stakeholder
- E. Then proceed to Phase C and Phase
- F. In the next iteration finalize the Target Business Architecture and proceed to Phase C and Phase D.
- G. In the first iteration start with the definition of the Baseline Business Architecture using a Bottom Up approach
- H. Define the Architecture Definition document after analyzing the impacts and reviewing with the stakeholders'. Proceed to Phase C and Phase
- I. In the next iteration finalize the Target Business Architecture, determine the gaps and the roadmap, and the impact and update the Architecture Definition document
- J. after analyzing the impacts and reviewing with the stakeholder
- K. Then proceed with the iteration.
- L. In the first iteration start with the definition of the Target Business Architecture using a Top Down approach
- M. Define the Architecture Definition document after analyzing the impacts and reviewing with the stakeholders proceed to Phase C and Phase
- N. In the next iteration finalize the Baseline Business Architecture, determine the gaps and the roadmap, and the impact and update the Architecture Definition document
- O. After analyzing the impacts and reviewing with the stakeholder
- P. Then proceed with the iteration.

Answer: C

NEW QUESTION 9

TP Banking is a strong financial institute with a well-known acquisition history with an internal IT department managing over 100 projects related to infrastructure and services.

The CIO has decided to create an Enterprise Architecture based on TOGAF 9 as reaction to the difficult market conditions. An Architecture Vision and a set of domain architectures were approved. The CIO is asking you (the Lead Architect) to define an Implementation and Migration Plan that realizes the vision already agreed with the stakeholders involved.

Refer to the scenario above

You are leading a group of domain architects and you are working with the corporate PMO, the business strategy team and service operations. You are meeting the stakeholders to clarify how you want to proceed with the Implementation and Migration Plan.

Choose one of the following answers

- A. You propose to start collecting the existing deliverables describing the different domains in order to enable the Enterprise Architecture team to integrate them with the support of the operation management
- B. Every domain architect will then evaluate the impact on the projects already planned for the domain
- C. The single revised plans will be integrated together and consolidated into a strategic implementation and migration strategy defining an IT roadmap.
- D. You communicate the need for urgency
- E. The projects already planned will be cancelled and the implementation of the new architecture vision will be set as first priority
- F. A set of new projects will be defined to implement the new strategy
- G. You will use the requirements from Phases B through D and define new projects for each one of the requirements
- H. The use of defined interoperability architecture guidelines will then enable the project teams to work together and define a set of new point-to-point interfaces.
- I. You describe the concept of Transition Architectures and clarify that the business value can be achieved by all the projects delivering their increments in a coordinated approach
- J. Capability gaps and project dependencies are analyzed for each domain this will then enable the projects to be organized in work package
- K. You will then agree on the roadmap for the implementation and migration strategy meeting with all the key stakeholders.
- L. You communicate the CIO's will to transform the corporation and then that he's seeking help from the domain architects to do that
- M. The requirements are managed in order to enable every Architect to participate to the planning that will result in a detailed list of work activities with impact on the IT portfolio of project
- N. A five year Target Architecture will then be defined and a report will keep track of dependencies and factors assessment.

Answer: C

NEW QUESTION 10

Patterns & Co. is introducing a Commercial Off-the-Shelf (COTS) Market Analytics solution in order to improve its new delivery service. Patterns & Co. has a mature enterprise architecture capability and the CIO is the sponsor of the enterprise architecture team. The business vision and requirements for the new system are defined. It includes a detailed business process analysis. The supplier has proposed a solution but the Architecture Board identified some of the project requirements not consistent with the adopted infrastructure standards. The CIO considered the risks and approved the implementation. The CIO has asked the EA team to execute the Phase G ensuring that the system performance KPIs are respected, the project remains within budget and security guidelines are met. Refer to the scenario above As Lead Enterprise Architect you have to recommend a plan to implement the CIO decision. Choose the best answer according to TOGAF 9. Choose one of the following answers

- A. You ask the supplier to modify the web server hardware and software components so they can meet the current infrastructure standard
- B. You advise to execute a proof of concept to anticipate any coding issues
- C. Then, after the agreement with the development leads for supporting the development, you will provide the project plan to the project manager and develop an Architecture Contract
- D. A set of frequent operational reviews to monitor the solution's performance is then scheduled after the implementation is completed.
- E. You recommend the co-existence of a second web server standard and modify the company Standards Information Base adding this new technology. You ask the project architects to create an Architecture Contract with the development team
- F. You identify the need of a performance testing and a compliance review. You agree with the business on SLA and delivery date
- G. You identify re-usable procedures and objects.
- H. You eliminate the non-standard web server from the solution as recommended by the Architecture Board
- I. You create a revised plan and Architecture Contract for the development stressing the re-use of standard technologies
- J. You share the budget implication of this solution with a finance committee and inform the CIO of the long term cost benefits of this choice
- K. You define periodical project management meetings to monitor compliance.
- L. You execute a risk analysis and set deliverables and timing requirements with the development team
- M. You implement a detailed impact analysis of the chosen solution
- N. You create an Architecture Contract and ask for the CIO's approval before implementing it
- O. You test the solution just prior to implementation and deliver the project artifacts and store after the completion of the implementation.

Answer: B

NEW QUESTION 10

McKinley Rockets is an enterprise that employs 20,000 men and women in five countries: UK, Italy, France, Spain and the Netherlands and its mission is to guarantee access to space offering space transportation, launch and management of satellite systems at low cost. A TOGAF 9 mature Enterprise Architecture program is already established within the enterprise. McKinley Rockets strategy is to leverage in the USA shortage of satellite launches availability - that NASA created because of the Shuttle program shutdown - by acquiring an important American space agency. This will ultimately allow McKinley Rockets to offer its services to the US market. The new acquired company NovaSpace is very successful but with outdated satellite monitoring systems. The CIO is sponsoring an activity to extend the McKinley Rockets' satellite monitoring applications to include the NovaSpace's satellites fleet. A task force of enterprise architects prepared an Architecture Vision and secured the approval. The Architecture Board decided to approve the vision, provided that the Design Definition Document is presented for review at phase D conclusion. Refer to the scenario above The Chief Architect asked you as Lead Integration Architect to use TOGAF 9 to recommend the best approach to design the Full Architecture and present it to the Architecture Board. Identify the best answer accordingly to the TOGAF 9 guidelines. Choose one of the following answers

- A. You start with the Business Architecture and then address Technology, Application and Data domain
- B. For every domain you select the relevant reference models, viewpoints, and tool
- C. You develop a Target and Baseline Architecture Description
- D. Then perform Gap Analysis, resolve impacts across the Architecture Landscape and update the roadmap
- E. Finally update the Architecture Definition Document.
- F. You start with the Business Architecture and then address Data, Application and Technology domain
- G. You then Confirm management framework interactions for the Implementation and Migration Plan, Prioritize the migration projects through the conduct of a cost/benefit assessment and risk validation
- H. Then perform Gap Analysis and update the Architecture Definition Document.
- I. You start with the Business Architecture and then address Data, Application and Technology domain
- J. For every domain you select the relevant reference models, viewpoints, and tool
- K. You develop a Baseline and Target Architecture
- L. Then perform Gap Analysis, assess the roadmap impacts and finally update the Architecture Definition Document.
- M. You start with the Business Architecture and then address Data, Application and Technology domain

- N. For every domain you develop a Baseline and Target Architecture
O. Then perform Gap Analysis and update the Architecture Definition Document.

Answer: C

NEW QUESTION 14

Scenario: Glacier Ridge LLC

Please read this scenario prior to answering the question Glacier Ridge LLC is a vacation property management firm that is growing through acquisition. It 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 financials 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 Glacier Ridge property 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. Glacier Ridge has mature enterprise architecture (EA) 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 engagement, Glacier Ridge has embraced an Architecture Vision to adopt an enterprise application that is tailored to the needs of the hospitality industry.

Refer to the Glacier Ridge scenario Your role is that of Chief Architect. You have been asked to recommend the best approach to take in this architecture engagement to realize the CEO's vision. Based on TOGAF 9, which of the following is the best answer?

- A. Since the initial engagement has identified the need to change, you recommend that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.
B. Since the vision is well understood and the strategic architecture agreed, you recommend that the target architecture is defined first, followed by transition planning
C. This will ensure that the current inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial architecture engagement.
D. You recommend that this engagement define the Technology Architecture first in order to assess the current infrastructure capacity and capabilities
E. 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 recommend 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 help forecast future impacts.

Answer: D

NEW QUESTION 16

Scenario:

Please read this scenario prior to answering the question

Your role is consultant to the Lead Architect within a company that manufactures a variety of small electromechanical devices. As part of a corporate-wide Lean Manufacturing initiative, the company has defined a strategic architecture to improve its ability to meet consumer demand and improve its ability to manage its supply chain. The strategic architecture called for the consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating independently in several of the divisions' production facilities. The goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

The company has a mature enterprise architecture practice and uses TOGAF 9 for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

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

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains. Based on the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on all of these factors they have produced a risk assessment.

Because of the risks posed by the complexity of the current environment, it has been determined that a phased approach is needed to implement the target architectures. The overall implementation process is estimated to take several years.

Refer to the Scenario

The Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables are now complete. You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan.

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

- A. You would apply the Business Value Assessment Technique to prioritize the implementation projects and project increment
B. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation
C. You would confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the project
D. You would then document the lessons learned and generate the final plan.
E. You would assess how the plan impacts the other frameworks in use in the organization
F. Minimally, the plan should be coordinated with the business planning, portfolio/project management and operations management framework
G. You would then assign a business value to each project, taking into account available resources and priorities for the project
H. Finally, you would generate the Implementation and Migration Plan.
I. You would conduct a series of Compliance Assessments to ensure that the implementation team is implementing the architecture according to the contract
J. The Compliance Assessment should verify that the implementation team is using the proper development methodology
K. It should include deployment of monitoring tools and ensure that performance targets are being met
L. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.
M. You would place the strategic Architecture Definition and Transition Architectures under configuration control as part of the ongoing architecture development

- cycl
- N. This will ensure that the architecture remains relevant and responsive to the needs of the enterpris
- O. You would then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the pla
- P. You recommend that lessons learned be accepted by the Architecture Board as changes to the architecture without review.

Answer: B

NEW QUESTION 17

Scenario: Vittronics Ltd.

Please read this scenario prior to answering the question

Vittronics 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 Vittronics has been engaged in an architecture development project to create a Secure Private Immersive Collaborative Environment (SPICE) that will allow researchers at its product development laboratories worldwide to share information about their independent clinical trials.

The Vittronics Enterprise Architecture group is a mature organization that has been utilizing TOGAF for several years. They have recently upgraded to TOGAF 9.

The Vittronics Architecture Development Method (VADM) is strictly based on the TOGAF 9 Architecture Development Method (ADM) with extensions required to support current good manufacturing practices and good laboratory practices in their target markets.

The SPICE 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 in SPICE, 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 SPICE Security Architecture has been defined.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity.

Refer to the Vittronics Ltd Scenario:

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

As required by TOGAF, the SPICE project team res completed a Business Transformation Readiness Assessment in Phase A (Architecture Vision). In that assessment, it was determined that there are risks associated with the adoption of the Immersive Collaborative Environment. Despite a clear expression of the vision and the business need for utilizing SPICE to accelerate the clinical trials, the researchers have been resisting the change because of concerns about safeguarding individually identifiable information about the subjects who were participating in the trials.

You have been asked to recommend how this situation be managed in the implementation planning phases.

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

- A. You decide that in Phase E, the team creates an overall solutions strategy that can guide the Target Architecture implementation and structure the Transition Architecture
- B. You check that there is consensus before proceeding.
- C. You decide to return to Phase A, where the team should brainstorm a technical solution that mitigates the residual risks presented by the privacy issu
- D. Then, during Phase D, you will direct the team to develop an Architecture Building Block to manage the security risk
- E. After that, the team should select Solution Building Blocks that mitigate all of the identified risks and revise the Requirements Impact Statement to reflect the changes to the high-level solutions strategy and migration plan.
- F. You decide that in Phase E, the team review the Business Transformation Readiness Assessment and identify, classify, and mitigate the risks associated with the identified readiness factor
- G. If the risks can be satisfactorily mitigated, then you would continue to define a high-level solutions strategy that includes the Transition Architectures needed to make the change culturally and technically feasible.
- H. You decide that in Phase E, the team determines an approach to implementing an overall strategic direction that will address and mitigate the risks identified.

Answer: B

NEW QUESTION 22

Scenario:

Please read this scenario prior to answering the Question

You are the Lead Architect for a firm that manufactures ball bearings used in industrial equipment applications. They have manufacturing operations in several cities in the United States, Germany, and the United Kingdom.

The firm has traditionally allowed each manufacturing plant to drive its own production planning systems. Each plant has its own custom Materials Requirements Planning, Master Production Scheduling, Bill of Materials, and Shop Floor Control systems.

"Just In Time" manufacturing techniques are used to minimize wastes caused by excessive inventory and work in process. The increasingly competitive business environment has compelled the firm to improve its business capability to be more responsive to the needs of industrial customers. To support this capability, the firm has decided to implement an Enterprise Resource Planning (ERP) solution that will enable it to better coordinate its manufacturing capacity to match the demands for its products across all plants. In addition, there are also new European regulations coming into force to which their manufacturing processes must conform in the next six months.

As part of the implementation process, the Enterprise Architecture (EA) department has begun to implement an architecture process based on TOGAF 9. The CIO is the sponsor of the activity. The Chief Architect has directed that the program should include formal modeling using the Architecture Content Framework and the TOGAF Content Metamodel. This will enable support for the architecture tooling that the firm uses for its EA program.

The Chief Architect has stated that in order to model the complex manufacturing process it will be necessary to model processes that are event-driven. Also, in order to consolidate applications across several data centers it will be necessary to model the location of IT assets. In particular, the end goal is to have the single ERP application running in a single data center.

Currently the project is in the Preliminary Phase, and the architects are tailoring the Architecture Development Method (ADM) and Architecture Content Framework to fit into the corporate environment.

Refer to the Scenario

You have been asked to recommend a response to the Chief Architect's request to tailor the TOGAF Content Metamodel.

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

- A. You recommend that the architecture team incorporate the Process Modeling and Infrastructure Consolidation extensions into their tailored Content Metamode
- B. As the environment is process-centric this will enable them to model the manufacturing processes and store information to support regulatory complianc
- C. It also includes views useful for managing the consolidation of applications into a single data center.
- D. You recommend that the architecture team incorporate the Process Modeling and Governance extensions into their tailored Content Metamodel
- E. This is suitable as this is a significant IT change that will impact its operational model
- F. This will ensure that they include specific entities and attributes that will allow them to model the event-driven nature of the manufacturing processes more precisely.

- G. You recommend that the architecture team incorporates the Governance and Motivation Extensions into their tailored Content Metamode
- H. This would allow modeling of the target milestones they want to achieve with this consolidation of application to a single data centre
- I. These extensions will also enable demonstration of regulatory compliance for the manufacturing process.
- J. You recommend that the architecture team incorporates the Data and Services Extensions into their tailored Content Metamode
- K. This would allow modeling of the location of IT assets and ensure regulatory compliance for the manufacturing process
- L. It will also allow for identification of redundant duplication of capability which will be needed for a successful consolidation to a single data center.

Answer: A

NEW QUESTION 23

UTrack Transports is a strong UK logistics company. The head of the strategic marketing division engaged the Principal Architect issuing a Request for architectural work to design an enhancement of the current Enterprise Data Warehouse system. An enhancement is needed to support the change in the business model; UTrack wants to leverage on customer data collected during business as usual activities and anonymize them to offer marketing agencies a fresh and accessible source of analytics data, this will increase the company revenues.

TOGAF 9 is the architectural framework in use.

Refer to the scenario above The Principal Architect has decided to ask you as Business Intelligence Subject Matter Expert to design the Data Architecture. The Chief Architect shared with you the Architecture Definition Document including the Business Architecture design. You now need to choose the artifacts you want to produce as part of the Data Architecture design. Identify the best answer accordingly to the TOGAF 9.

Choose one of the following answers

- A. You first list the data used across the enterprise using a Data Entity/Data Component Catalog, including data entities and also the data components where data entities are store
- B. You then classify what the data source are and the relationship with the data entities via a System/Data Matrix
- C. You finally identify common data requirements using a Data Lifecycle Diagram.
- D. You first list the data used across the enterprise using a Data Entity/Data Component Matrix, including data entities and also the data components where data entities are store
- E. You then classify what the data source are and the relationship with the data entities via a Role/System Catalog
- F. You finally identify common data requirements using a Data Use Case Diagram.
- G. You first list the data used across the enterprise using a Data Entity/Data Component Catalog, including data entities and also the data components where data entities are store
- H. You then classify what the data source are and the relationship with the data entities via a System/Data Matrix.
- I. You first list the data used across the enterprise using a Data Entity/Data Component Catalog, including data entities and also the data components where data entities are store
- J. You then assign ownership of data entities to the organization via a System/Data Matrix.

Answer: A

NEW QUESTION 28

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