

The-Open-Group

Exam Questions OG0-092

TOGAF 9 Part 2



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

FreshFruit Int. is an online American grocer. The Executive Board decided to implement a new strategy to expand the business to other markets.

The CIO is sponsoring an enterprise activity to support the expanded operations.

A new solution is rolled-out to replace the legacy online sales platform. A compliance review was performed to assess the solution implementation.

The result of the review highlighted a complaint from the development team stating that the new system is difficult to integrate with the existing warehouse automation systems. The Chief Architect is concerned that the complaint is not related to a real problem of the solution but is based on personal preferences of the development teams. Another interview with the project team is scheduled.

Refer to the scenario above You are the Lead Architect and an architect from your team leads the review team. You have to answer how, based on TOGAF 9, you should enable the review team to conduct the reviews successfully.

Choose one of the following answers

- A. Meeting with the project architect you clarify the purpose of the revie
- B. You ask to perform an objective and fair review using the checklists to frame the review and clarify that you want them to identify the issues behind the implementation team complaints.
- C. You organize a meeting with the review team and state the importance to identify any non-compliance that may have come from the implemented solution.
- D. You organize a meeting with the review team and stress the importance of a high degree of compliance without any exceptio
- E. The review should cover every aspect of the implementation and should criticize the implementation techniques.

- F. You verify that criteria for the program and the business objectives are mapped in the checklists that the project team prepared for the interview
- G. You confirm the checklist content to the project architect and stress the need to be objective and fair during the review process.

Answer: D

NEW QUESTION 4

Scenario:

Please read this scenario prior to answering the Question

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

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

The international operations of the company are subject to legal and regulatory requirements for each country where they operate. The production of genetically modified seeds has governmental controls that are strictly enforced and compliance is critical. Recently a competitor was heavily fined for violating the regulations in a country where it was developing pest-resistant seeds.

The Governing Board is concerned about the risks posed in this complex global environment, and as a result has approved the expenditure of resources to establish an Enterprise Architecture program. They have requested to be informed about the status of projects that could impact regulatory compliance. They also want to enable the corporate legal staff and auditors to analyze proposed architectures to ensure that they are within the legal guidelines for a given location. In addition, the research organization should be able to see that the architecture is appropriate for its needs.

TOGAF 9 has been mandated as the framework for the development and evolution of the Enterprise Architecture practice. The Preliminary Phase has been completed to establish the enterprise architecture capability for this project.

Refer to the Scenario

You have been asked to recommend an approach that would enable the development of an architecture that addresses the needs of the Governing Board, legal staff, auditors and the research organization.

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

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

Answer: D

NEW QUESTION 5

Magic Wand Corporation manufactures a range of equipment used by magicians worldwide. The global popularity of a series of children's books describing the formative years of a budding wizard and his various escapades at wizard school has driven unprecedented sales growth in the magical equipment market.

The current IT systems at Magic Wand are struggling to cope with the high volumes in this growth market. The CIO wants to persuade the board of Magic Wand Corporation to make a greater investment in the IT systems to cope with the new higher transaction volumes. One of the key components the CIO wants to include when he approaches the board is a description of the current problems and how they may be addressed from an architectural point of view.

As the High Architect of Magic Wand Corporation, the CIO has delegated the task of creating a vision for the future Architecture to you.

Which of the following answers best describes how TOGAF recommends delivering an Architecture Vision for the CIO?

- A. Firstly, I ensure there is a Request for Architecture Work from the CIO
- B. Then I ensure that there is recognition for the architecture vision project by following any project management and programmed management frameworks used within the organization
- C. I would identify the key stakeholders and engage with them to understand and document their concerns and high-level requirements
- D. This would result in a stakeholder map used to support other deliverables such as the Architecture Vision, a Communications plan and a Statement of Architecture Work
- E. I would then identify the business goals and strategic drivers of the organization and define any enterprise or project specific constraints such as time and resource
- F. I would then define the business capabilities of the organization needed to fulfill those business goals and drivers and their readiness for change
- G. Once complete, I would define the scope, confirm the architecture and business principles and develop the Architecture Vision
- H. Following this, I would define the business case for the architecture project, assess the business risks and produce a risk mitigation plan
- I. I would then define a plan of enterprise architecture work to meet the scope in the desired time line and the resources required and secure the support of stakeholders.
- J. I would start by ensuring there is a Request for Architecture Work from the sponsor (the CIO). I would then create a project to define and deliver the architecture vision and the necessary output
- K. The outputs include an approved Statement of Architecture Work, refined statements of Business Principles, Business Goals and Business Drivers, Architecture Principles, a Capability Assessment, a Tailored Architecture Framework, an Architecture vision, a Communications plan
- L. The Statement of Architecture Work needs to be clear on the scope of architectural work, the resources needed to complete the work and amount of time it would take to complete the work assuming the scope of architectural work is agreed and that all the resources required are available
- M. The final step would be to agree the Statement of Architectural Work with stakeholders confirming the scope, schedule and confirming the availability of the necessary resources.
- N. I would start by establishing the architecture project and follow the appropriate project management method
- O. I would identify stakeholders their concerns and business requirements then confirm and elaborate the business goals, business drivers and constraints
- P. I would then evaluate the business capabilities and readiness for business transformation and define the scope
- Q. I would then develop the architecture vision, define the target architecture value proposition, KPIs and identify and mitigate all risks associated with the transformation effort

- R. Finally, I would develop an Enterprise Architecture Plan and Statement of Work and secure approval from the relevant stakeholders.
- S. I would approach this by defining and establishing the architecture team and governanc
- T. This would be followed by agreeing and establishing the architecture principle
- . I would select and customize an architecture framework changing any terminology and selecting the right phases and customizing the structure of content and outputs from the chosen metho
- . Finally I would select and implement and architecture tool
- . The outputs from this work would include an Organization Model for EnterpriseArchitecture, a Tailored Architecture Framework including method and content, the Architecture Principles, an initial architecture repository, restatement or references to business principles, business goals and business driver, a request for architecture work and the governance framework.

Answer: A

NEW QUESTION 6

MightyGears 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 an agreed target architecture. Final decisions on the solutions are not yet fully agreed. They have completed the first pass architecture and now are looking at the best opportunities and solutions to meet their financial goals. You are the Chief Architect from a consulting organization brought into review the work to date by MightyGears and to make recommendations to the CIO and the board on the opportunities and solutions present.

Refer to the scenario above

Which of the following answers best describes how TOGAF recommends examining the opportunities and solutions before presenting to the board?

Choose one of the following answers

- A. I would examine the architecture work today ensuring it is complete and accurate and addressing any gap
- B. I would look at functional and integration requirement
- C. I would then ensure all dependencies are understood and documente
- D. I would then create the necessary artefacts including major work packages and transition architectures and the project charters for the recommended projects for presentation to the board.
- E. I would assess the architecture work today, create, and priorities projects to transition Widget Inc from the current architecture to target architectur
- F. This will include a business value for each project, the resources required and the intended timin
- G. I would then validate the prioritizations with the board particularly looking at cost benefits and risk
- H. Lastly, I would generate the Architecture Implementation Roadmap and document lessons learned.
- I. I would assess the requirements of the organization particularly those requirements describing the functions required and information flows within the architectur
- J. I would then look to produce artifacts that describe the recommended projects, the risk, issues anddependencie
- K. This would also include transition architects to move us from current architecture to the recommended target architecture
- L. I would present my recommendations to the board for agreemen
- M. Once this is done, I would update the architectures reflecting any changes resulting from the board discussion.
- N. I would look at the corporate culture and attitude to change, understand the constraints such as cost and the required time horizon
- O. I would then look at the architecture work to ensure it is complete and seek to address any gap
- P. I would review the functional requirements and ensure there are complete interoperability requirement
- Q. I would then validate any dependencies and risk
- R. Then formulate an implementation and migration strategy identifies major work packages and the transition architecture require
- S. 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: A

NEW QUESTION 7

Scenario: Sollace Manufacturing

Please read this scenario prior to answering the question Sollace Manufacturing is a major supplier in the automotive industry, headquartered In Cleveland, Ohio with manufacturing plants in Chicago, Sao Paulo, Stuttgart, Yokohama, and Seoul. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

Sollace Manufacturing is implementing lean manufacturing principles to minimize waste and improve the efficiency of all of its production operations. During a recent exercise held for internal quality improvement, it was determined that a significant reduction in process waste could be achieved by replacing the current planning and scheduling systems with a common Enterprise Resource Planning (ERP) system located in the Cleveland data center. This central system would provide support to each of the plants replacing the functionality in the existing systems. It would also eliminate the need for full data centers at each of the plant facilities. A reduced number of IT staff could support the remaining applications. In some cases, a third-party contractor could provide those staff. The Sollace Manufacturing Enterprise Architecture department has been operating for several years and has mature, well-developed architecture governance and development processes that are strongly based on TOGAF 9. At a recent meeting, the Architecture Review Board approved a Request for Architecture Work from the Chief Engineer of Global Manufacturing Operations who is the project sponsor. The request covered the initial architectural investigations and the development of a comprehensive architecture to plan the transformation. The Common ERP Deployment architecture project team has now been formed, and the project team has been asked to develop an Architecture Vision that will achieve the desired outcomes and benefits. Some of the plant managers have expressed concern about the security and reliability of driving their planning and production scheduling from a central system located in Cleveland. The Chief Engineer wants to know how these concerns can be addressed.

Refer to the Sollace Manufacturing Scenario You are serving as the Lead Enterprise Architect for the Common ERP Deployment architecture project. One of the earliest initiatives in the Enterprise Architecture program at Sollace Manufacturing was the definition of a set of IT principles and architecture principles that are well aligned with the overall enterprise principles. These now need to be updated to address the concerns raised.

You have been asked to select a set of principles most appropriate for guiding the team to define a robust solution. [Note: You should assume that Sollace Manufacturing has adopted the example set of principles that are listed and defined in TOGAF 9, Section 23.6.] Based on TOGAF 9, which of the following is the best answer?

- A. Common-use Applications, Data is Shared, Data is Accessible, Data Security, Interoperability, Control Technical Diversity
- B. Business Continuity, Service-orientation, Data is Accessible, Data Security, Responsive Change Management
- C. Maximize Benefit to the Enterprise, Business Continuity, Common-use Applications, Data is Shared, Data is Accessible, Data Security
- D. Information Management is Everybody's Business, IT Responsibility, Data Trustee, Technology Independence, Responsive Change Management

Answer: C

NEW QUESTION 8

Carter Woods, a global furniture firm, wants to improve the efficiency of its sales force by replacing their legacy configuration and ordering systems based on manual and paper based processes with an online ordering platform.

Carter Woods uses the Architecture Delivery Method from TOGAF 9. The CIO sponsored this activity and the Baseline Architecture was defined on the initial iteration defining: approach, scope and architectural vision including a set of architecture principles related to the Data domain:

- ? Data is an asset.
- ? Data is shared.
- ? Data is accessible.

A set of aspects to clarify arose from the business analysis from the assumption to replace the legacy systems with an online centralized one. These main concerns are:

- To identify the changes to existing business processes.
- To identify the data entities that can be shared among the sales agents.
- To clarify how to keep the data secured.
- To identify the list of non-sales application to be integrated with the sales applications Refer to the scenario above

You, as Lead Enterprise Architect, need to identify the most appropriate architecture viewpoints to address the concerns above mentioned.

Choose one of the following answers

- A. Depict the Business Architecture using a Role catalog and a Process/Event/Control/Product catalog
- B. Depict the Data Architecture using a System/Data matrix, a Data Entity/Data Component catalog and Data Security diagram
- C. Depict the Application Architecture using an Interface catalog
- D. Define the Technology Architecture via a Network Computing/Hardware diagram.
- E. Depict the Business Architecture using a Business Interaction matrix and a Location catalog
- F. Depict the Data Architecture using a Data Lifecycle diagram and a Data Migration diagram
- G. Depict the Application Architecture using a Software Engineering diagram
- H. Depict the Technology Architecture using a Communications Engineering diagram.
- I. Depict the Business Architecture using a Business Footprint diagram and a Location catalog
- J. Depict the Data Architecture using a Data Migration diagram, System/Data matrix and Data Lifecycle diagram
- K. Depict the Application Architecture using an Application Communication diagram
- L. Depict the Technology Architecture using a Network Computing/Hardware diagram.
- M. Depict the Business Architecture using a Role catalog and Location catalog
- N. Depict the Data Architecture using a System/Data matrix, Data Entity/Business Function matrix and Data Security diagram
- O. Depict the Application Architecture using an Application Interaction matrix
- P. Define the Technology Architecture via a Network Computing/Hardware diagram.

Answer: A

NEW QUESTION 9

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for the enterprise architecture team at 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. The decision has been made 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.

TOGAF 9 is used for internal Enterprise Architecture activities, with an iterative approach for executing Architecture Development Method (ADM) projects.

At present, there are no particularly useful architectural assets related to this initiative, so all assets need to be acquired and customized or created from scratch.

The company prefers to implement commercial off the shelf package applications with little customization. The CIO, who is the project sponsor, has stated that she is not concerned about preserving existing processes or systems.

The architecture development project has put in place its Architecture Capability for this project and has started a number of iteration cycles to develop the Architecture. Some tasks to address concerns related to the Business Architecture have been completed. The next immediate task is to address the Information Systems Architectures.

The Information Systems Architectures must address stakeholder concerns such as:

1. Which procurement-related business processes are supported by zero, one, or many existing applications?
2. What non-procurement applications will need to be integrated with any new procurement applications?
3. What data will need to be shared? Refer to the Scenario

[Note: You may need to refer to TOGAF 9 Chapter 35 in order to answer this question.]

You have been asked to identify the most appropriate catalogs, matrices, and diagrams for this situation.

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

- A. in the early iterations of Architecture development, you would describe the Baseline Application Architecture with a System/Function matrix, and describe the Baseline Data Architecture using a Data Entity/Data Component catalog
- B. In the later iterations of the Architecture Definition, you would describe the Target Application Architecture using Application Communication diagrams and an Application Interaction matrix, and describe the Target Data Architecture with a System/Data matrix.
- C. In the early iterations of Architecture development, you would describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix, and describe the Target Data Architecture with a System/Data matrix
- D. In the later iterations of Architecture development, you would describe the Baseline Application Architecture with an Application and User Location diagram and a System/Function matrix, and describe the Baseline Data Architecture with a Data Entity/Data Component catalog.
- E. In the early iterations of Architecture development, you would describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix, and describe the Target Data Architecture with a Data Entity/Business Function matrix and a System/Data matrix
- F. In the later iterations of Architecture development, you would describe the Baseline Application Architecture with a System/Function matrix, and describe the Baseline Data Architecture with a Data Entity/Data Component catalog.
- G. In the early iterations of Architecture development, you would describe the Baseline Application Architecture with a Technology Portfolio catalog, and describe the Baseline Data Architecture with a Data diagram
- H. In the later iterations of Architecture development, you would describe the Target Application Architecture with a System/Technology matrix, and describe the Target Data Architecture with a Data Dissemination diagram.

Answer: C

NEW QUESTION 10

Dante Manufacturing is a big supplier in the automotive industry, head quarter in London with main plants in New York, Milan, Toronto and Tokio. Each one of these plants has been operating its own Manufacturing Requirements Planning (MRP II) system, production scheduling and custom applications for production automation. Dante's objective is to minimize waste production improving production operations. During an analysis of the process improvements was determined that a significant improvement on waste production could be achieved replacing the outdated MRPII system with a common Enterprise Resource Planning (ERP) located in London. Dante has well-developed governance and processes based on TOGAF 9. The Chief Engineer of Global Manufacturing operations is the business sponsor and issued a Request for Architectural Work. The architectural activity for the implementation of the

new ERP platform is kicked off and the architectural vision is produced. Some concerns on the security, reliability, responsibility and time to manage change of driving the MRP II and production scheduling by a central system located in London are raised by the team of architects working on the project and by senior management of the various organizations. These last in particular, stressed the need to align the information management with the business. Refer to the scenario above As Lead Architect you have been asked to update the IT architectural principles to address the concerns raised by the project stakeholders and the senior management. According to TOGAF 9 (assuming the enterprise is using the example set of principles in TOGAF 9 Section 23.6), which of the following is the best answer?
Choose one of the following answers

- A. Common Use Applications, Data is Shared, Data is Accessible, Data is Secure, Interoperability, Control, Technology Independence.
- B. Business Continuity, Service-Orientation, Data is Shared , Data is Accessible, Data is Secure, Responsive Change Management.
- C. Requirements-Based Change, Ease-of-Use, Data is Normalized.
- D. Information Management is Everybody's business, IT Responsibility, Data Trustee, Technology Independence, Responsive Change Management.

Answer: D

NEW QUESTION 10

Scenario: Marona Inc.

Marona Inc is a Fortune 500 Enterprise in the retail industry with retail store components manufacturing units and marketing outlets spanning the globe and having an annual turnover of 20 billion\$ with more than 100, 000 employees world wide.

The CEO, CIO and the stakeholders of the ongoing EA projects are concerned about rising costs and as one measure want to do an investigation into the operational aspects of the realized Enterprise Architecture using TOGAF9.

The CIO approaches you as the Lead Enterprise Architect to carry out this exercise the stakeholder had voiced to him the following concerns:

They want to analyze the roles of the top management for each revenue earning service. Moreover, many of the HR related critical Search application component have become extremely slow. This needs to be diagnosed and rectified. Moreover there is no proper tracking of revenue from retail store component products over time. There has also been a lot of unauthorized or unwanted access to many of the critical information.

Hence the mode of access needs to be strengthened and made much more secure. Another additional concern is the new launches and the progress of each of the launches over time.

Determine which of the following set of viewpoints are most appropriate to analyze and view in order to address this concern of the stakeholders.

- A. (i) System/Functions Matrix(ii) Actor/Role Matrix(iii) Data Entity/Business Function Matrix(iv) Technology Portfolio Catalog(v) Data Security Diagram
- B. (i) Goal/Objective/Service Diagram(ii) Contract Measure Catalog(iii) Data Dissemination Diagram(iv) Application Communication Diagram(v) Data Life Cycle Diagram
- C. (i) Location Catalog(ii) Service/Function Catalog(iii) Data Entity/Business Function Matrix(iv) Application Communication Diagram
- D. (i) System/Functions Catalog(ii) System/Technology Matrix(iii) Goal/Objective/Service Diagram(iv) Product Life Cycle Diagram(v) Data Security Diagram

Answer: D

NEW QUESTION 14

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

Answer: B

NEW QUESTION 17

Worldwide Mobile is a mobile telecommunications company formed through a series of mergers and acquisitions. They are yet to fully integrate the customer service systems for the most recent acquisitions, and as result, customer service has been a major concern for the Chief Technology Officer. Results for the last two quarters have shown that Average Revenue Per User (ARPU) and the customer retention (Churn) rate have fallen below the industry average. The Corporate Marketing group has published some new finding about customer satisfaction. The customers appear to be switching to Air Light, a competitor, because of superior customer service. WorldwideMobile actually has better coverage in nearly all markets than Air Light, and good roaming agreement that keep rates low for business travellers. But customer satisfaction has remained low.

The Business Strategy group and the Enterprise Architecture group have conducted a high-level project to develop the enterprise-wide strategic plan. They have developed a business scenario which contains a good conceptual model of what needs to be done and also identifies the key requirements. This was used in preparing the proposal presented to the Executive Council and the Corporate Board.

The planning for the program has been underway for several months. WorldwideMobile has selected TOGAF 9 as the basis for its Enterprise Architecture. The Corporate Board has approved funding for a multi-million Euro conversion to transition to a packaged Customer Service System. It is anticipated that the overall program will take five years to complete, but there are some tactical projects that can commence immediately to address the situation. The Executive Council has stated that the program should define specific initiatives to enable each regional business units to create an implementation of the Customer Service System. The implementation must meet the needs of the business unit and still provide the information needed to enable major improvements to the customer. Refer to WorldwideMobile-2 Scenario

You are serving as the Lead Architect for the Performance and Integrity project of the Customer Service System program.

The project has been chartered to address the architecture(s) required to support the Customer Service System from an infrastructure perspective. At present time, the project team is conducting an architecture development project that is focused on the customer self service capability, which was defined as part of the earlier strategic planning activities. This capability will enable customers to access their accounts, pay bills, request account reviews, and provision services from any web-enabled device.

The project team has gathered information about the self-service capability, developed a business scenario, and used the results to define an Architecture Vision for achieving the capability.

You have been asked to recommend the course of action to complete the project. Based on TOGAF 9, which of the following is best answer?

- A. In the remaining architecture definition phases, the project team should map out the capability in the Technology domain
- B. In the Phases E and F, the capability should be broken down into a set of Solution Building Blocks that define the Target Architecture
- C. Where possible, the Solution Building Blocks should be drawn from the Architecture Repository
- D. The completed Architecture Definition Document and the Implementation and Migration Plan will be submitted for approval
- E. Upon approval, the architecture team will conduct Compliance Assessments to ensure that the Target Architecture is properly implemented.
- F. In the remaining architecture definition phases, the project team should map out the capability across the Business, Information System and Technology domain
- G. In the Phases E and F, the capability should be broken down into a set of increments that are sequenced into Transition Architectures that will lead to the realization of the Target Architecture
- H. The resulting Solution Building Blocks will then provide the basis for the capability increment solution
- I. The complete Architecture Definition Document and the Implementation and Migration Plan will be submitted for approval
- J. Upon approval, the architecture team will oversee the implementation process through monitoring Architecture Contracts and by conducting Compliance Assessments.
- K. In the remaining architecture definition phases, the project team should map out the capability across the Business, Information System and Technology domain
- L. In the Phases E and F, the capability should be broken down into a set of increments that defines the Target Architecture
- M. The Solution Building Blocks will provide the basis for the capability increment solution
- N. The complete Architecture Definition Document and the Implementation and Migration Plan will be submitted for approval
- O. Upon approval, the architecture team will oversee the implementation process through monitoring Architecture Contracts and by conducting Compliance Assessments.
- P. The remaining architecture definition work should be focused on mapping out the technology and infrastructure capability in the Technology domain
- Q. In Phases E and F, the capability should be broken down into a set of Solution Building Blocks that will be implemented to realize the Target Architecture
- R. The Solution Building Blocks will provide the basis for the completed Architecture Definition Document that will be submitted for approval
- S. Upon approval, the implementation team will conduct Compliance Assessments to ensure that the self-service capability is compliant with the overall Enterprise Architecture.

Answer: B

NEW QUESTION 19

Scenario:

Please read this scenario prior to answering the Question

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

The CEO has stated his concerns about the inefficiencies of the current approach and identified the need to change. He has defined a new strategic vision that will enhance the business by standardizing its operations across the network to provide consolidated financial, human resources, logistics, sales and marketing, and yield management. He has also stated that he expects results by the end of the current fiscal year.

These changes will provide the company with improved utilization of its capacity and more efficient operations. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising into key markets to improve yields.

The firm has a mature enterprise architecture practice and uses TOGAF 9 as the method and guiding framework. The CIO is the sponsor of the activity.

In planning this change, the Chief Architect engaged the services of a well-known consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the CEO's vision. This recently completed with approval of a strategic architecture encompassing the entire firm, including detailed requirements and recommendations.

Based on the recommendations from the initial study, the firm has taken the decision to adopt a packaged suite of integrated applications that is tailored to the needs of the hospitality industry.

Refer to the scenario

You have been asked by the Chief Architect to justify the best approach for architecture development to realize the CEO's vision.

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

- A. You recommend that the target architecture is defined first, followed by transition planning
- B. This is because the vision is well understood and the strategic architecture agree
- C. This will ensure that the current problems and inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial study.
- D. You recommend that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy

- E. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement
- F. You would ensure that the target architecture addresses non-functional requirements so as to ensure the target architecture is robust and secure.
- G. You recommend that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This is because the initial study identified the need to change
- H. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.
- I. You recommend that this engagement define the baseline Technology Architecture first in order to assess the current infrastructure capacity and capabilities
- J. Then the focus should be on transition planning and architecture deployment
- K. This will identify retirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.

Answer: D

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 stored
- 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 stored
- 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 stored
- 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 stored
- J. You then assign ownership of data entities to the organization via a System/Data Matrix.

Answer: A

NEW QUESTION 26

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