

OG0-092 Dumps

TOGAF 9 Part 2

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NEW QUESTION 1

Scenario:

Please read this scenario prior to answering the Question You are serving as the Chief Architect for a large, global commodities trading company which has been growing rapidly through a series of acquisitions. Each business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone. As a result, the company has made the decision to introduce a single enterprise-wide application to consolidate information from several applications that exist across the lines of business. The application will be used by all business units and accessed by suppliers through well defined interfaces.

Refer to the Scenario As part of the process for establishing the Enterprise Architecture department, you are developing a set of architecture principles to guide the activities. You need to specify the best approach for this work. Based on TOGAF 9, which of the following is the best answer?

- A. You gather information from credible industry sources in the commodities business
- B. Based on that, you assess current trends and apply that to defining a set of principles that embody best practice
- C. You select architecture principles that do not conflict with each other and that should be stable
- D. You ensure that all the principles are realistic and avoid including principles that are obvious.
- E. You examine the mission statements for the company and each of its businesses, together with the corporate value statement
- F. Based on that, you define a set of principles and review with the CIO
- G. When developing the principles you ensure that they actively promote the alignment of IT with the business strategies and initiatives of the company
- H. You then seek the endorsement of the CIO and senior management.
- I. You define a set of principles that support the preferred best practices embodied in the Enterprise Architecture department charter
- J. You publish the principles on the corporate intranet to ensure widespread acceptance and compliance
- K. You then schedule regular periodic Compliance Assessments with individual business units to check that they have made satisfactory progress toward meeting the objectives and conditions embodied in the principles.
- L. You examine the mission statements for the company and each of its businesses, together with the corporate value statement
- M. Based on that, you work with the Architecture Board to define the principles. When developing the principles you ensure that they actively promote the alignment of IT with the corporate business strategies
- N. You then hold a series of review meetings with all the relevant stakeholders, including senior management, ensuring their support.

Answer: D

NEW QUESTION 2

An international Insurance company has grown with little consideration for rationalization and consolidation. There is no coordination between business unit and every one have managed its own applications. The CIO decided to establish an Enterprise Architecture program within the enterprise to enable the company to expand to other markets in the next two years. The company has not any Enterprise Architecture Capability in place and the CIO has set up an Architecture Board and called its first meeting. Refer to the scenario above

As Lead Architect you will establish a TOGAF 9 Enterprise Architecture program. Identify the best way to do this among the answers below.

Choose one of the following answers

- A. You tailor TOGAF 9 with the help of the Architecture Board to integrate it with the legacy procedures established by the PM
- B. You also examine the relationship of TOGAF with other processes and frameworks for governance, systems development and operations management
- C. You then define the footprint of the enterprise architecture.
- D. As Lead Architect you create a Request for Architecture Work to allocate resources to work on the Architecture Vision
- E. Based on the outcome of the Business Scenario technique you apply, you create the Common Systems Architecture to guide the choice of Solutions Building Block
- F. These will be then used for integrating the systems across business units.
- G. You clarify the agreement on key business drivers and the scope of the enterprise architecture
- H. You then clarify the requirements for architecture work
- I. You define the architecture principles together with the help of the Architecture Board in order to lead the architecture work
- J. You consider how to tailor TOGAF 9 for this enterprise.
- K. You conduct an Architecture Maturity Assessment
- L. You then use the TOGAF ADM to state the requirements for the integration of a new company information management system into the organization
- M. You then list a set of business goals together with the Architecture Board that will be a reference to the enterprise architecture program.

Answer: C

NEW QUESTION 3

Scenario: Raxlon Inc.

Case Study Title (Case Study):

Raxlon Inc. is a Fortune 500 Company dealing in high value drugs and pharma products. Its annual turnover is over 120 billion \$. It has more than 100,000 employees all over the globe in its R&D, Manufacturing and Marketing Units.

Raxlon's CEO, Dr Peter Fowles, is a pharmacology expert and has over 72 patents on various types of drugs mainly used for treating patients with genetic disorders. Raxlon is now moving into a suite of high end critical drug products used for Genetic Repair of congenital Diseases like Alzheimer's disease and Epilepsy. Raxlon has a well developed EA practice and in 2009 the EA practice has adopted TOGAF 9 as the primary Framework for Enterprise Architectural Change Agent.

Dr Fowles' main concerns are:

Security of the critical data which they have gained over the years after painstaking research. Although Raxlon had an adequate security system Dr Fowles feels it may not be adequate to deal with the new order of things, especially with data which is highly confidential and if leaked would have major financial impact on the Company.

Dr Fowles calls his CIO and explains his position to him and entrusts him with the responsibility of evaluating the current security system, operation and governance and determine which are the gaps which need to be addressed during the fresh architectural work. Assume that a new Security Framework would be used in the ADM life cycle. To protect Raxlon's valuable IP.

The CIO appraises the Lead Architect of the sensitive nature of the work he has to complete within the next 2 months.

Identify which of the following processes would be most appropriate for the Lead Architect to adopt in this situation.

- A. Identify the sources of threat, review the relevant security statutes, see how disaster recovery can be achieved, find who are the actors vis vis the system and design suitable access control mechanisms, identify critical data and applications and ensure that they are given the highest level of security

- B. First revisit the Preliminary Phase to determine the tailoring of ADM vis a vis Security
- C. Identify any change in the Principles or additions to be carried out
- D. Engage with all Stakeholders to finalize the Vision
- E. Then in Business, Information systems and Technology Architectures ensure the Security Framework adopted to the ADM addresses all critical security issues
- F. Finally conduct an overall review to assess how effective the security ecosystem designed is and whether it meets the security level desired
- G. Invoke Preliminary Phase and Vision Phase Identify Sources of threat, review and determine revised regulatory, security and assumptions, document them get management buy in, develop business continuity plans especially for critical data operations, assure data, application and technological component security.
- H. Determine who are the people who are hacking into similar organizations, ensure that highly secure measures are taken when external people enter the R&D and manufacturing locations, ensure that there is a very strong firewall so that people cannot get illicit entry into the system, periodically check the effectiveness of the security measures

Answer: A

NEW QUESTION 4

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 constraint
- 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 governance
- 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 method
- . Finally I would select and implement an architecture tool
- . The outputs from this work would include an Organization Model for Enterprise Architecture, 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 5

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 Architecture
- J. Schedule the roll out of the work packages to be sequential across the geographic regions.
- K. Use a Consolidated Gaps, Solutions and Dependencies Matrix as a planning tool
- L. For each gap classify whether the solution is either a new development, purchased solution, or based on an existing product
- M. Group the similar solutions together to define the workpackage
- 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 6

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Lead Enterprise Architect at a major supplier in the automotive industry. The company is headquartered in Cleveland, Ohio with manufacturing plants across the United States, Brazil, Germany, Japan and South Korea. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company 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 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 Board approved a Request for Architecture Work sponsored by the Chief Engineer of Global Manufacturing Operations. 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 moving their planning and production scheduling from a remote centralized system. The Chief Engineer wants to know how these concerns can be addressed.

Refer to the Scenario

During the initial meeting of the Common ERP Deployment architecture project team, a number of alternative recommendations for how to proceed are put forward by members of the team.

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

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

- A. The team should develop Baseline and Target Architectures for each of the manufacturing plants, ensuring that the views corresponding to selected viewpoints address key concerns of the stakeholder
- B. A consolidated gap analysis between the architectures will then be used to validate the approach, and determine the capability increments needed to achieve the target state.
- C. The team should exercise due diligence and carefully research vendor literature and conduct a series of briefings with vendors that are on the current approved supplier list
- D. Based on the findings from the research, the team should define a preliminary Architecture Vision
- E. The team should then use that model to build consensus among the key stakeholders.
- F. The team should use stakeholder analysis to understand who has concerns about the initiative
- G. The team should then hold a series of interviews at each of the manufacturing plants using the business scenario technique
- H. This will then enable them to identify and document the key high-level stakeholder requirements for the architecture.
- I. The team should conduct a pilot project that will enable vendors on the short list to demonstrate potential solutions that will address the concerns of the stakeholder
- J. Based on the findings of that pilot project, a complete set of recommendations will be developed that will drive the evolution of the architecture.

Answer: C

NEW QUESTION 7

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 8

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 9

SureFlight Air Carrier has received approval for the acquisition of a regional carrier.

To integrate the new acquisition, a TOGAF based enterprise architecture program has been initiated. The CIO sponsors the activity supported by the Chief Architect.

In Phase A within the initial iteration the CIO wants to ensure that the architecture activities are recognized among the various stakeholders of the enterprise. Refer to the scenario above

You are a consultant supporting the Chief Architect that should explain how to identify and engage the stakeholders at this stage of the program.

Identify the best answer accordingly to the TOGAF 9 guidelines. Choose one of the following answers

- A. Using the business scenarios technique you would identify supporting and not supporting stakeholders. Then you would list the set of viewpoints that are addressing the stakeholder concerns and share these with them.
- B. Your first priority is to communicate with the regional carrier stakeholders developing a Communications Plan to share main features and discuss opportunities with them.
- C. You conduct a pilot proof of concept during Phase A to demonstrate the technical feasibility to the stakeholders explaining the approach available from your preferred suppliers.
- D. You identify all the main stakeholders on both the acquired carrier and the rest of the enterprise
- E. Using a stakeholder map, you classify and record their power in relation to this activity
- F. You then focus on implementing the relevant viewpoints that can address the concerns of every main stakeholder identified in the stakeholders map.

Answer: D

NEW QUESTION 10

Scenario:

Please read this scenario prior to answering the question

You are serving as the Lead Enterprise Architect at a major supplier in the automotive industry. The company is headquartered in Cleveland, Ohio with manufacturing plants across the United States, Brazil, Germany, Japan and South Korea. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company 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 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 Board approved a Request for Architecture Work sponsored by the Chief Engineer of Global Manufacturing Operations. 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 diving their planning and production scheduling from a remote centralized system. The Chief Engineer wants to know how these concerns can be addressed.

Refer to the Scenario

[Note: You should assume that the company has adopted the example set of principles that are listed and defined in TOGAF 9, Section 23.6.]

One of the earliest initiatives in the Enterprise Architecture program was the definition of a set of architecture 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.

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

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

Answer: B

NEW QUESTION 10

Scenario: Vittronics Ltd.

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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 recently 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 issue
- 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 12

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 16

Scenario: Summer Seeds BV

Please read this scenario prior to answering the question Summer Seeds BV is an international agricultural company exporting bulbs, flowers and seeds worldwide. It is headquartered in Rotterdam in the Netherlands, and has sales and distribution centers in over 60 countries worldwide. Several of these centers include administrative, manufacturing, and research facilities. To achieve full integration of their research capabilities with their development centers located in various climate zones, the company wants to develop strong self directed teams in each location. It also wants to define new business models that are profitable while reducing their impact on the environment. The management is deeply committed to ensuring that the company is a world leader in socially responsible seed development with a business strategy that focuses on profitability through environmentally friendly operating processes. Summer Seed'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 information about the status of projects that could impact regulatory compliance. They also want to enable the corporate legal staff and auditors to analyze proposed architectures to ensure that they are within the legal guidelines for a given location. In addition, the research organization should be able to see that the architecture is appropriate for its needs. TOGAF 9 has been mandated as the guiding framework for the development and evolution of the Enterprise Architecture practice.

Refer to the Summer Seeds BV Scenario You have been appointed as the Lead Consultant. You have been asked to recommend an approach that would enable the

development of an architecture that addresses the needs of all these parties. Based on TOGAF 9, which of the following is the best answer?

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

Answer: C

NEW QUESTION 17

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