

The-Open-Group

Exam Questions OG0-092

TOGAF 9 Part 2



NEW QUESTION 1

Scenario: Rollins Manufacturing

Please read this scenario prior to answering the question

Rollins 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 Manufacturing Requirements Planning (MRPII) system, production scheduling, and custom developed applications that drive the automated production equipment at each plant.

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

Answer: C

NEW QUESTION 2

Scenario: Zephyr Enterprises

Please read this scenario prior to answering the question

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

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

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

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

An Architecture Contract was developed that detailed the work needed to implement and deploy the new Automated Test System controller. The Chief Engineer, sponsor of the activity, has expressed concern that a uniform process be employed at each site to ensure consistency.

Refer to the Zephyr Enterprises Scenario:

You have been assigned by the Lead Architect for the Automated Test System controller project to conduct Compliance Assessments at each manufacturing plant.

During the course of the assessment at the Omaha plant, you discover that the Distributed Data Acquisition System they have purchased uses a proprietary Remote Procedure Call (RPC) that utilizes kernel mode threads instead of the user mode threads that are specified in the Architecture Definition Document. In all other respects, the system meets the requirements stated in the Architecture Definition Document and seems to perform correctly.

You have been asked to describe the compliance of this system for the final report. Based on TOGAF 9, which of the following is the best answer?

- A. You observe that all of the features in the Architecture Definition Document have been implemented in accordance with the specification, except for the RPC mechanism
- B. Your recommendation is that the system be described as conformant.
- C. You observe that the system has many features in common with the Architecture Definition Document, and those features have been implemented in accordance with the specification
- D. However, you note that the RPC mechanism has been implemented using features that are not covered by the specification
- E. Your recommendation is that the system be described as consistent.
- F. You observe that the implementation of the RPC mechanism has no features in common with the Architecture Definition Document, therefore the question of its conformance should not be considered
- G. Your recommendation is that the system be described as consistent.
- H. You observe that the system meets most of the requirements stated in the Architecture Definition Document and appears to work correctly
- I. However, you note that the RPC mechanism has not been implemented according to the specification
- J. Your recommendation is that the system be described as non-conformant.

Answer: D

NEW QUESTION 3

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 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 Architecture
- 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 Architecture
- 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 transformation
- J. In particular, the EA team should pay attention to the Business Transformation Readiness Assessment and the Business Value Assessment.

Answer: C

NEW QUESTION 4

Scenario: Armstrong Defense Industries

Please read this scenario prior to answering the question

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

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

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

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

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

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

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

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

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

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

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

Answer: B

NEW QUESTION 5

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 review
- 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 exceptions
- 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 6

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 projects
- 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 concerns
- 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 7

Scenario: AGEX Inc.

Please read this scenario prior to answering the question

AGEX is a large, global commodities trading company which has been growing rapidly through a series of acquisitions.

Each new 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, AGEX has begun implementing a single Enterprise Resource Planning (ERP) system to consolidate information from several applications that exist across the lines of

business. The Corporate Board is concerned that the new ERP system must be able to manage and safeguard customer information in a manner that meets or exceeds the legal requirements of the countries in which the company operates. This will be an increasingly important capability as the company expands its online services offered to clients and trading partners.

The CIO has formed an Enterprise Architecture department, and one of the primary goals in its charter is to coordinate efforts between the ERP implementation team and the business unit personnel who will be involved in the migration process. The CIO has also formed a cross-functional Architecture Review Board to oversee and govern the architecture.

After reviewing the available alternatives, and based on recommendations from the ERP vendor, AGEX has selected TOGAF 9 as the basis for its Enterprise Architecture program.

The CIO has endorsed this choice with the full support of top management. Refer to the AGEX Inc. Scenario

You are serving as the Chief Architect.

As part of the process for establishing the Enterprise Architecture department, you have decided to create a set of principles to guide the activities. You have been asked to recommend the best approach for this work. Based on TOGAF 9, which of the following is the best answer?

- A. You define a set of principles that support the preferred best practices embodied in the Enterprise Architecture department charte
- B. You publish the principles on the corporate intranet to ensure widespread acceptance and compliance. 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.
- C. You gather information from credible industry sources in the commodities busines
- D. Based on that, you assess current trends and apply that to defining a set of principles that embody best practices. You select architecture principles that do not conflict with each other and that should be stabl
- E. You ensure that all the principles are realistic and avoid including principles that are obvious.
- F. You examine the mission statements for AGEX and each of its businesses, together with the corporate value statement
- G. Based on that, you define a set of principles and review with the CIO. When developing the principles you ensure that they actively promote the alignment of IT with the business strategies and initiatives of AGE
- H. You then seek the endorsement of the CIO and senior management.
- I. You examine the mission statements for AGEX and each of its businesses, together with the corporate value statement
- J. Based on that, you work with the Architecture Review Board to define the principles. When developing the principles you ensure that they actively promote the alignment of IT with the AGEX business strategie
- K. You then run a series of reviews with all the relevant stakeholders, including senior management, ensuring their support.

Answer: D

NEW QUESTION 8

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 Alzhmeir'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 apprises 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 Securit
- C. Identify any change in the Principles or additions to be carried ou
- D. Engage with all Stakeholders to finalize the Visio
- E. Then in Business, Information systems and Technology Architectures ensure the Security Frame work adopted to the ADM addresses all critical security issue
- 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 9

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 and dependencie
- 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 10

Scenario: Zephyr Enterprises

Please read this scenario prior to answering the question

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

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

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

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

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

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

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

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

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

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

Answer: C

NEW QUESTION 10

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.

The Corporate Board is concerned that the new application must be able to manage and safeguard confidential customer information in a secure manner that meets or exceeds the legal requirements of the countries in which the company operates. This will be an increasingly important capability as the company expands its online services in cooperation with its trading partners.

The CIO has formed an Enterprise Architecture department, and one of the primary goals in its charter is to coordinate efforts between the implementation team and the business unit personnel who will be involved in the migration process. The CIO has also formed a cross-functional Architecture Board to oversee and govern the architecture. The company

has an existing team of security architects.

TOGAF 9 has been selected for use for the Enterprise Architecture program. The CIO has endorsed this choice with the full support of top management.

Refer to the Scenario

In the Preliminary Phase you need to define suitable policies and ensure that the company has the appropriate capability to address the concerns of the Corporate Board.

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

- A. You start by clarifying the intent that the Board has for raising these concern
- B. This enables you to understand the implications of the concern in terms of regulatory requirements and the potential impact on current business goals and objective
- C. You propose that a security architect or security architecture team be allocated to develop a comprehensive security architecture and that this be considered an additional domain architecture.
- D. You evaluate the implications of the Board's concerns by examining the security and regulatory impacts on business goals, business drivers and objective
- E. Based on your understanding, you then update the current security policy to include an emphasis on the concern
- F. You define architecture principles to form constraints on the architecture work to be undertaken in the projec
- G. You then allocate a security architect to ensure that security considerations are included in the architecture planning for all domains.
- H. You identify and document the security and regulatory requirements for the application and the data being collecte
- I. You ensure that written policies are put in place to address the requirements, and that they are communicated across the organization, together with appropriate training for key employee
- J. You identify constraints on the architecture and communicate those to the architecture tea
- K. You establish an agreement with the security architects defining their role within the ongoing architecture project.
- L. You evaluate the implications of the concerns raised by the Corporate Board in terms of regulatory requirements and their impact on business goals and objective
- M. Based on this understanding, you then issue a Request for Architecture Work to commence an architecture development project to develop a solution that will address the concern
- N. You allocate a security architect to oversee the implementation of the new application that is being developed.

Answer: C

NEW QUESTION 14

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

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

Refer to the scenario above

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

Choose one of the following answers

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

Answer: C

NEW QUESTION 16

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 18

Scenario: Glacier Ridge LLC

Please read this scenario prior to answering the question Glacier Ridge LLC is a vacation property management firm that is growing through acquisition. It manages over 200 resort properties across North America. Many of the resort properties use the same internal IT systems that they used before they were acquired. Until recently, the only requirement that has been placed en each property is that they use a standard financial reporting system to report their financials

ID the headquarters on a weekly basis. The CEO has stated his concerns about the inefficiencies of the current approach and identified the need to change. He has defined a new strategic vision that will enhance the Glacier Ridge property business by standardizing its operations across the network to provide consolidated financial, human resources, logistics, sales and marketing, and yield management. He has also stated that he expects results by the end of the current fiscal year. These changes will provide the company with improved utilization of its capacity and more efficient operations. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising into key markets to improve yields. Glacier Ridge has mature enterprise architecture (EA) practice and uses TOGAF 9 as the method and guiding framework.

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

Based on the recommendations from the initial engagement, Glacier Ridge has embraced an Architecture Vision to adopt an enterprise application that is tailored to the needs of the hospitality industry.

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

- A. Since the initial engagement has identified the need to change, you recommend that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.
- B. Since the vision is well understood and the strategic architecture agreed, you recommend that the target architecture is defined first, followed by transition planning
- C. This will ensure that the current inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial architecture engagement.
- D. You recommend that this engagement define the Technology Architecture first in order to assess the current infrastructure capacity and capabilities
- E. Then the focus should be on transition planning and architecture deployment
- F. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.
- G. You recommend that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy
- H. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement
- I. You would ensure that the target architecture addresses non-functional requirements so as to help forecast future impacts.

Answer: D

NEW QUESTION 19

Scenario:

Please read this scenario prior to answering the question

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

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

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

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

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

Refer to the Scenario

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

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

- A. You would apply the Business Value Assessment Technique to prioritize the implementation projects and project increment
- B. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation
- C. You would confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the project
- D. You would then document the lessons learned and generate the final plan.
- E. You would assess how the plan impacts the other frameworks in use in the organization
- F. Minimally, the plan should be coordinated with the business planning, portfolio/project management and operations management framework
- G. You would then assign a business value to each project, taking into account available resources and priorities for the project
- H. Finally, you would generate the Implementation and Migration Plan.
- I. You would conduct a series of Compliance Assessments to ensure that the implementation team is implementing the architecture according to the contract
- J. The Compliance Assessment should verify that the implementation team is using the proper development methodology
- K. It should include deployment of monitoring tools and ensure that performance targets are being met
- L. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.
- M. You would place the strategic Architecture Definition and Transition Architectures under configuration control as part of the ongoing architecture development 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 20

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 23

TotalComms is a telecommunications company formed from the merging of other 2 telecommunication companies. The business operating model has been unified, the TOGAF 9 Architecture Board approved the outline Implementation and Migration Plan the detailed migration planning must know be approved. Your help is needed to work on the migration planning with all the key stakeholders to achieve an agreement.

Refer to the scenario above

You are the Lead Architect asked to describe accordingly to TOGAF 9 the best way to address the following activities:

? The way the migration planning is conducted.

? What is going to be implemented.

? The stakeholders involved in the implementation.

? The definition of the deliverables to use

Choose one of the following answers

- A. The Chief Architect will conduct the Migration planning and then share it with the other domain architects. The migration plan will be formed by a list of projects, their priority, their costs and a recommendation on how to proceed
- B. After the plan is shared with the Architectural Board members and any observation that may raise incorporated in the plan, any individual project will go in front of the board for the approval for resources for the next project increment
- C. A GANT chart will be included to be used as a roadmap.
- D. The Migration planning will be conducted as a series of steps: confirming and then coordinating the corporate management frameworks involved; establishing clear business value for the deliverables; creating detailed resource estimates for the work to do; define priority of the work, sequence and then the Transition Architecture
- E. After this, an Implementation and Migration Plan can be confirmed
- F. The Portfolio Management, Operations Management and Business Planning teams should be involved in the implementation of the major deliverable
- G. Once these have been completed, regular meetings will be done to enable the architecture to be kept up-to-date.
- H. Implementation and Migration Strategy will be used to define project plans focusing on scope, time and budget
- I. The business value of each project is assessed and Project Managers will prepare submissions to the IT governance Board to ask for their funding and the Lead Architect will be active part of the board
- J. The collection of project roadmaps and plans will be used to detail the EA Implementation and Migration Plan.
- K. This step will be conducted by the Enterprise Architecture team involving Business, Application, Data, Technology, and Security architect
- L. They will implement the Transition Architectures and together will prioritize a list of activities and include the Architecture Building Blocks in an Implementation and Migration Plan and Roadmap
- M. After this, the comments on the deliverables shared with lines of business and the members of the Executive Board are integrated, this to enable the funding on the Enterprise Architecture work.

Answer: B

NEW QUESTION 28

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 33

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 agrees
- 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 capability
- J. Then the focus should be on transition planning and architecture deployment
- K. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.

Answer: D

NEW QUESTION 35

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 locatio
- H. Each of these reports should reflect the stakeholders' requirements.

Answer: C

NEW QUESTION 40

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