

OG0-092^{Q&As}

TOGAF 9 Part 2

Pass The Open Group OG0-092 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.leads4pass.com/og0-092.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by The Open Group Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



QUESTION 1

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

Correct Answer: B

QUESTION 2

Scenario: Global Mobile 1

Please read this scenario prior to answering the question

Global 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 findings about customer satisfaction. The customers appear to be switching to Air Light, a competitor, because of superior customer service. Global Mobile actually has better coverage in nearly all markets than Air Light, and good roaming agreements that keep rates low for business travelers. 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. Global Mobile 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 Corporate Board has placed one additional major constraint on the program. In addition to achieving the business outcomes directly related to improving overall customer service within each business unit, the Corporate Board expects the Target Architecture to produce an additional saving of at least 30% over current operating costs through energy efficiency initiatives, virtualization of servers and workstations, and expanded telecommuting and desk-sharing. This Green initiative is intended to become a model for future investments at all company facilities worldwide.

Refer to Global Mobile scenario

You have been engaged as a consultant to advise the Chief Architect on the best ways to approach to the

implementation planning activities for this significant business transformation.

Based on TOGAF 9, which of the following is the best answer? (Is this the right answers to choose?)

- A. You recommend using conventional implementation planning techniques. The horizontal scope of the Green initiative would make the Capability-Based Planning approach used in the organization's TOGAF-based Enterprise Architecture framework difficult to manage and govern. This approach to planning was better applied within the vertical scope of a business unit.
- B. You recommend that the implementation planning activities be conducted using Capability-Based Planning. This is appropriate because the Green initiative is an enterprise-wide plan with a horizontal scope. Its metrics are aggregated at the enterprise level. It is crucial to gain business unit support and cooperation to achieve the broader business outcomes which will benefit all.
- C. The Capability-Based Planning approach used in the organization's TOGAF-based Enterprise Architecture framework is focused on business outcomes. The Green initiative is an infrastructure program that is technical in nature; therefore, it would not be appropriate to use the Capability-Based Planning approach. Instead, the Global Mobile systems development lifecycle approach should be utilized to develop the Solution Architecture.
- D. You recommend using conventional implementation planning techniques. The Capability-Based Planning approach is normally only used in public sector, defense-related programs. This approach is not appropriate for a private sector company.

Correct Answer: B

QUESTION 3

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

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

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

- A. I would determine the business value of each solution, prioritize accordingly each set of solutions, conduct detailed Risk Assessment and Mitigation, do Compliance reviews and then implement the solutions. I would present my recommendations to the board for agreement. Once this is done, I would update the architectures reflecting any changes resulting from the board discussion.
- B. I would after confirming Enterprise Change Attributes and constraints, do a Consolidated Gap Analysis then dependencies, then group and allocate the transitions. I would also assess Enterprise readiness and risks. Then I would also assess the business value of the solutions, do risk analysis with mitigation and then schedule the work products.
- C. I would do a Consolidated Gap Analysis by considering then dependencies, then group and allocate the transitions. I would then look to produce artifacts that describe the recommended projects, the risk, issues and dependencies. This would also include transition architects to move us from current architecture to the recommended target architectures. I would present my recommendations to the board for agreement. Once this is done, I would update the architectures reflecting any changes resulting from the board discussion.
- D. I would look at the corporate culture and attitude to change, understand the constraints such as cost and the required time horizons. I would then look at the architecture work to ensure it is complete and seek to address any gaps. I would

review the functional requirements and ensure there are complete interoperability requirements. I would then validate any dependencies and risks. Then formulate an implementation and migration strategy identifies major work packages and the transition architecture required. 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.

Correct Answer: D

QUESTION 4

Scenario:

Please read this scenario prior to answering the Question

You are the Lead Architect for a firm that manufactures ball bearings used in industrial equipment applications. They have manufacturing operations in several cities in the United States, Germany, and the United Kingdom. The firm has traditionally allowed each manufacturing plant to drive its own production planning systems. Each plant has its own custom Materials Requirements Planning, Master Production Scheduling, Bill of Materials, and Shop Floor Control systems.

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

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

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

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

Refer to the Scenario

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

Content Metamodel.

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

A. You recommend that the architecture team incorporate the Process Modeling and Infrastructure Consolidation extensions into their tailored Content Metamodel. As the environment is process-centric this will enable them to model the manufacturing processes and store information to support regulatory compliance. It also includes views useful for managing the consolidation of applications into a single data center.

B. You recommend that the architecture team incorporate the Process Modeling and Governance extensions into their tailored Content Metamodel. This is suitable as this is a significant IT change that will impact its operational models. This will ensure that they include specific entities and attributes that will allow them to model the event-driven nature of the manufacturing processes more precisely.

C. You recommend that the architecture team incorporates the Governance and Motivation Extensions into their tailored Content Metamodel. This would allow modeling of the target milestones they want to achieve with this consolidation of application to a single data center. These extensions will also enable

demonstration of regulatory compliance for the manufacturing process.

D. You recommend that the architecture team incorporates the Data and Services Extensions into their tailored Content Metamodel. This would allow modeling of the location of IT assets and ensure regulatory compliance for the manufacturing process. It will also allow for identification of redundant duplication of capability which will be needed for a successful consolidation to a single data center.

Correct Answer: A

QUESTION 5

Please read this scenario prior to answering the question

Your role is that of a consultant to the Lead Enterprise Architect in a company that develops wind turbines for use in wind farms. The company has three manufacturing facilities, one in North America, one in Asia, and one in Europe. Each of these facilities supplies the power industry in its region.

The company recognizes that the long-term technical potential of wind energy can address the current global dependency on carbon fuels, in order to do so this will require wind turbines to be installed over the large areas and in areas of higher wind resources. In particular offshore wind farms can contribute substantially more energy than land stationed turbines.

The research arm of the company has pioneered the development of an offshore wind turbine design, with an improved turbine blade and power system, that will produce up to 20% more energy. This will allow the production of significantly more salable energy. This new design is ready to go into production.

The company has a mature Enterprise Architecture practice supported by a cross-functional Architecture Board and uses the TOGAF standard. The Chief Information Officer and the Chief Operating Officer cosponsor the Enterprise Architecture program.

As part of putting the new design into production, a pilot architecture project has defined an updated standard approach for controlling the automated test systems used to perform final quality assurance. The Chief Engineer, sponsor of the activity, and the Architecture Board have approved the plan for immediate implementation at each plant.

Architecture Contracts have been developed that detail the work needed to implement and deploy the new automated test system controller for each location. The Chief Engineer has expressed concern that a uniform process be employed at each location to ensure consistency and a low blade failure rate.

Refer to the Scenario

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

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

- A. You create an Architecture Contract to manage and govern implementation and migration process at each location. For internal development projects, you issue a memorandum of understanding between the Architecture Board and the implementation organization. For contracts issued to an external party, you ensure that it is a fully enforceable legal contract. You ensure that the 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.
- B. You create an Architecture Contract to manage and govern the implementation and migration process. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Architecture Board and the implementation organization. You recommend that if a deviation from the Architecture Contract is detected, the Architecture Board grant a dispensation to allow the implementation organization the ability to customize the process to meet their local needs.
- C. You review the applicable Architecture Contract for each location, ensuring that it addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management. In cases where the contract is issued to an external party, you ensure that it is a legally enforceable contract. You schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the 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.
- D. You use the Architecture Contracts to manage the architecture governance processes for the project across the locations. You deploy monitoring tools to assess the performance of each completed steam turbine at each location and develop change requirements if necessary. You recommend that if a deviation from the contract is detected the Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local needs. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.

Correct Answer: D

[Latest OG0-092 Dumps](#)

[OG0-092 PDF Dumps](#)

[OG0-092 Exam Questions](#)