

The Open Group Believes in Their Real OGA-032 Exam Dumps



More and more people hope to enhance their professional competitiveness by obtaining The Open Group certification. However, under the premise that the pass rate is strictly controlled, fierce competition makes it more and more difficult to pass the OGA-032 examination. In order to guarantee the gold content of the OGA-032 certification, the official must also do so. However, it is an indisputable fact that a large number of people fail to pass the OGA-032 examination each year. Perhaps it was because of the work that there was not enough time to learn, or because the lack of the right method of learning led to a lot of time still failing to pass the exam. Whether you are the first or the second or even more taking OGA-032 Exam, OGA-032 study materials are accompanied by high quality and efficient services so that they can solve all your problems. Passing the exam once will no longer be a dream.

The ArchiMate 3 Part 2 exam is a comprehensive test that covers all aspects of the ArchiMate 3 modeling language. Candidates are required to demonstrate their understanding of the language's concepts, principles, and techniques, as well as their ability to apply the language to real-world situations. OGA-032 Exam is based on a case study and consists of multiple-choice questions and complex scenarios that require candidates to apply their knowledge and skills to solve real-world problems.

The Open Group is a global consortium that aims to enable organizations to achieve their business objectives through the use of information technology. It provides a range of standards and certifications to help businesses adopt best practices in IT management and architecture. One such certification is the Open Group ArchiMate 3 Certification, which is designed to help architects and other IT professionals master the ArchiMate modeling language.

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The Open Group ArchiMate 3 Part 2 Exam Sample Questions (Q13-Q18):

NEW QUESTION # 13

Please read this scenario prior to answering the question

ArchiSurance has decided to leverage its financial expertise by offering defined contribution retirement plans. Each trading day, ArchiSurance submits consolidated mutual fund trading transactions to a stock exchange on behalf of its retirement plan participants. The daily mutual fund trading cycle consists of four key processes: Transaction capture, pricing, trading and reconciliation. Transaction capture consists of two sub-processes: manual exchange and loans and distributions (L&D). For transaction capture, retirement plan participants use an online account management application to enter manual fund exchange transactions. For L&D, plan participants use a separate application to enter requests. The L&D application determines whether the request can be fulfilled based on the mutual fund balances held in each plan balances and a set of business rules. Each day's captured manual exchange transactions accumulate in a transaction database.

ArchiSurance contracts with a third-party information service to receive a file of mutual fund prices at the close of each trading day. The pricing application uses this file to convert captured transaction into trades, and then validates each trade against the mutual fund balances held in each plan. The pricing application generates a trade file with the minimum number of trades necessary. The trading application sends this file to an external trading service. When the trading application receives a confirmation file back from the trading service, it passes it to the reconciliation application, which updates the plan recordkeeping database.

The lead application Architect has decided to merge the pricing application, the trading application and the reconciliation application into one application, which will be serving the pricing, trading and reconciliation processes respectively. The reason for this is that maintenance costs for these three components are too high and the performance is too slow. This implementation will increase the performance and lower the maintenance cost significantly.

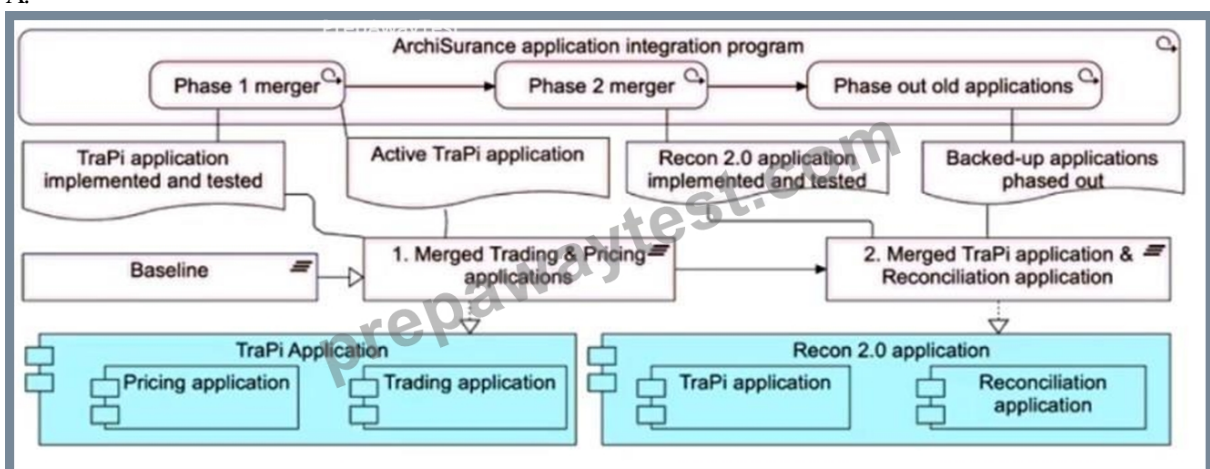
The CIO has agreed on this plan, but wants this to be done in two phases, each in a separate project. Phase 1 should include the merger of the Trading and Pricing applications. Phase 2 should then merge the merged applications with the Reconciliation application respectively. Each project phase has a number of defined deliverables. Phase 1 has two deliverables, 'TraPri application implemented and tested' and 'Active TraPri application', which together form a first transition architecture. Phase 2 has two deliverables, 'Recon 2.0 application implemented and tested' and 'Back-up applications phased out', which together form the second transition architecture. These two projects are part of the ArchiSurance application integration program scheduled for the next 6 months.

Refer to the Scenario

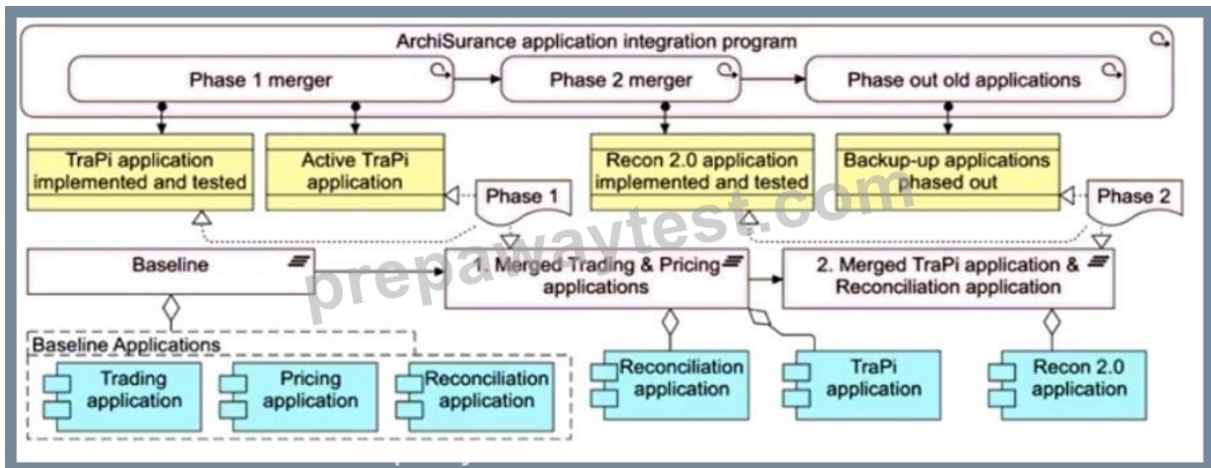
You have been asked by the lead application architect to show how the applications used for daily trading can be migrated. This should include a description of the work packages, deliverables and transition architectures.

Which of the following answers best describes the applications and migration plan?

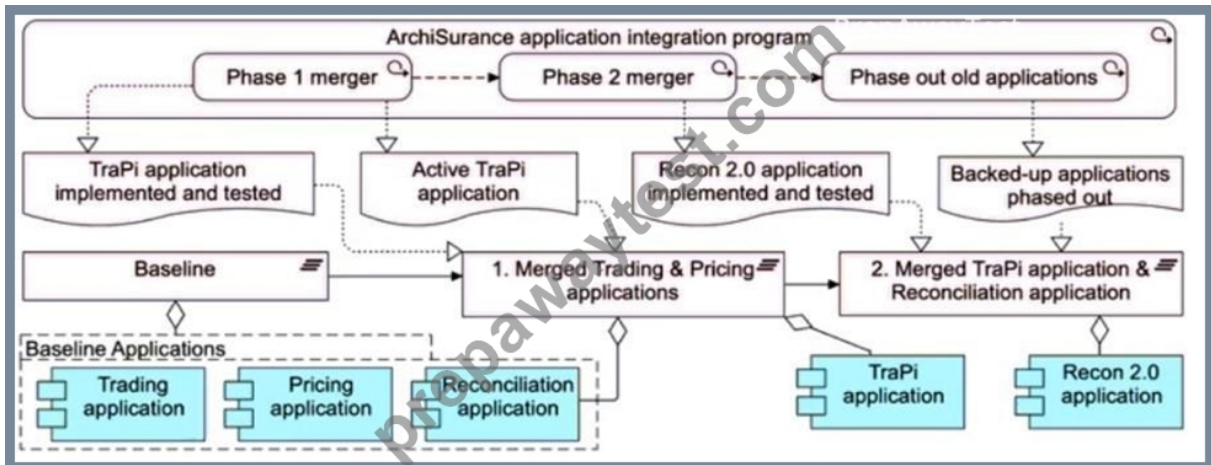
- A.



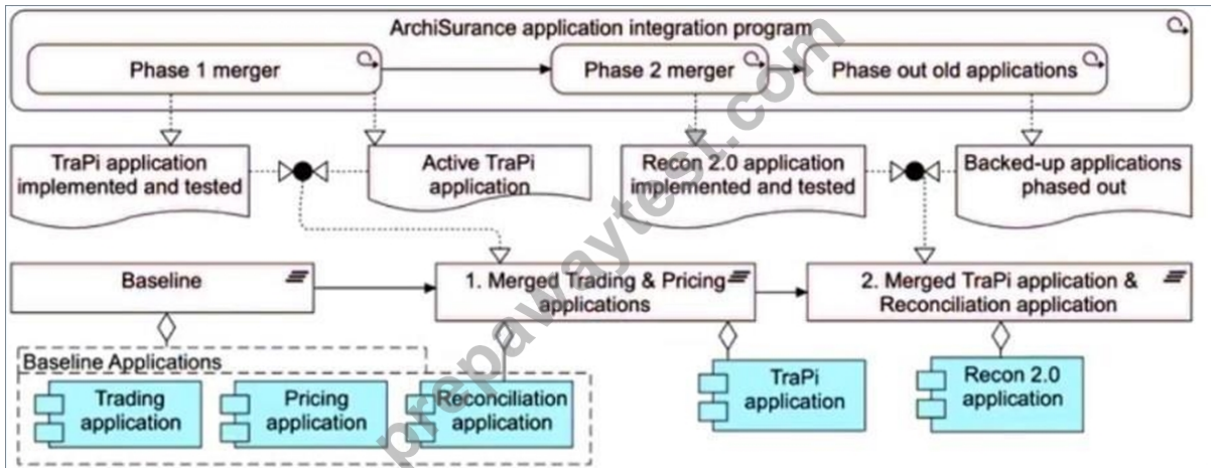
- B.



• C.



• D.



Answer: C

Explanation:

This diagram is the one that correctly captures:

- Program with three sequential projects (Phase 1 merger, Phase 2 merger, Phase out old applications) at the top.
- Each phase's deliverables ("TraPri application implemented and tested" + "Active TraPri application" → first transition; "Recon 2.0 application implemented and tested" + "Back-up applications phased out" → second transition) linked into two distinct plateaus ("1. Merged Trading & Pricing applications" and "2. Merged TraPi application & Reconciliation application").
- A clear baseline on the left showing the three existing applications, and the final target apps on the right (TraPi application and Recon 2.0 application).

NEW QUESTION # 14

Please read this scenario prior to answering the question

An airline operates a Flight Scheduling process supported by a Scheduling Engine and Crew Management application. Flight schedules and staff availability are stored in separate databases. Both applications run in redundant server clusters connected via dual LAN switches and independent storage arrays. Refer to the scenario.

Which option best represents the relationships across layers?

- A. Use Aggregation only for all relationships.
- B. Model applications only as Technology Nodes.
- C. Model crew availability as a Business Actor.
- **D. Model Flight Scheduling as a Business Process served by Application Services realized by Application Functions assigned to Application Components, accessing Data Objects, deployed on Server Nodes connected through Communication Networks to Storage Devices.**

Answer: D

NEW QUESTION # 15

Please read this scenario prior to answering the question

The ArchiSurance enterprise document management solution includes a sophisticated ecosystem of applications and technologies. Designed with a strong emphasis on high availability, it plays a vital role in providing support for a diverse range of document types and managing a substantial volume of document-based transactions on a daily basis.

Recognizing its importance to the business, the document management solution is redundantly hosted at two geographically separate data center sites, both configured identically for seamless operations.

The system software at the core of the document management solution is comprised of three key modules.

The Document Engine serves as a repository, facilitating document storage, retrieval, and various other operations. The Workflow Engine acts as a host for document management applications, while the Application Engine powers the most advanced and sophisticated applications within the system.

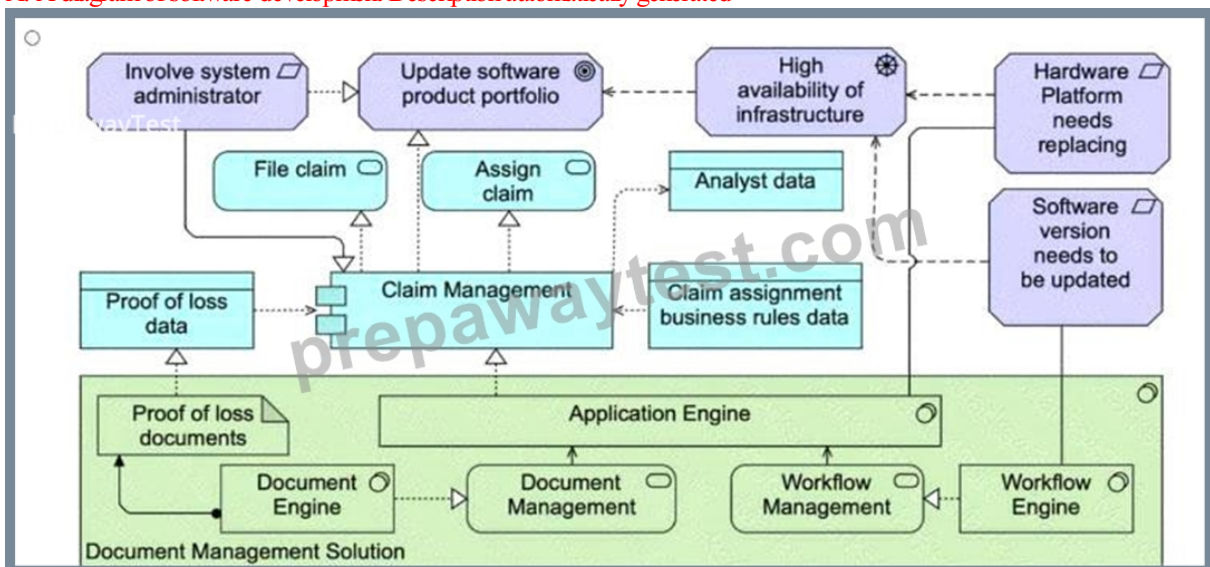
Two key factors have driven the Architecture Board's approval of a project aimed at updating this critical solution. Firstly, the supplier of the Workflow Engine has given notice of the end of support for the current software version, necessitating an upgrade. Secondly, the system administrator responsible for the Application Engine has flagged the need for hardware replacement on the server where the software is currently running. Given that the Claim Management application shares infrastructure with the Application Engine, the involvement of the system administrator responsible for this application is crucial in the project planning and execution.

Refer to the Scenario

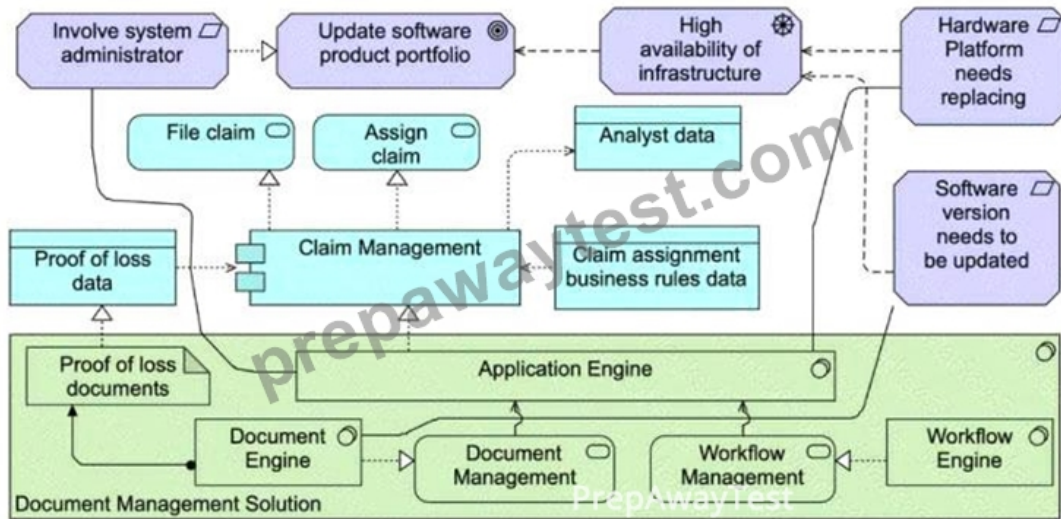
You are the Enterprise Architect within this organization. You have been assigned the task of modeling the applications and technology for this solution, as well as outlining the motivations driving the need for its update.

Based on the scenario, which answer provides the most complete and accurate description?

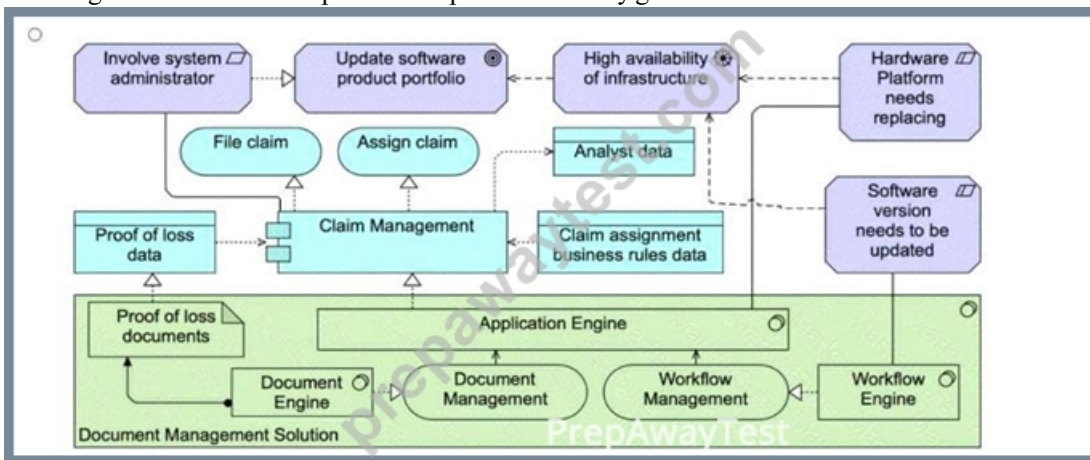
- **A. A diagram of software development Description automatically generated**



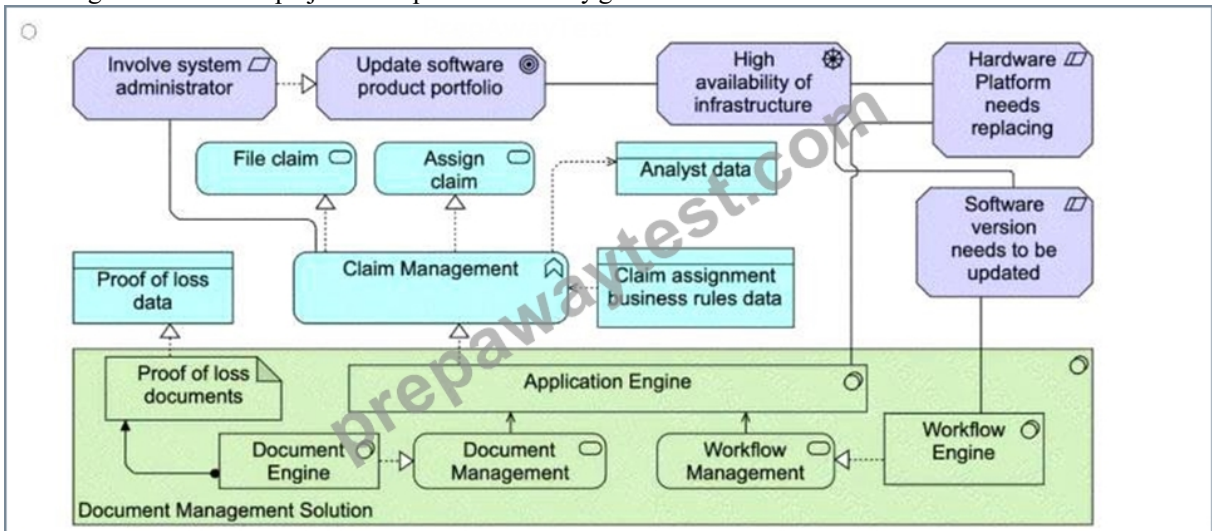
- B. A diagram of software development Description automatically generated



- C. A diagram of software development Description automatically generated



- D. A diagram of a software project Description automatically generated



Answer: A

Explanation:

This scenario revolves around ArchiSurance's document management solution and the motivations behind updating the solution due to software and hardware challenges. The task is to model both the applications and technology components involved, along with the motivations driving the need for an update.

Key ArchiMate® 3.2 Concepts Applied:

* Applications and Components:

* Claim Management Application: This application handles key processes such as filing claims and assigning claims, and it shares

infrastructure with the Application Engine.

- * Document Management Solution: Includes several subsystems such as:
- * Document Engine: Manages document storage, retrieval, and processing operations.
- * Workflow Engine: Facilitates document workflows and supports document-related operations.
- * Application Engine: Hosts sophisticated applications like Claim Management.
- * Data Objects:
- * Proof of Loss Documents and Proof of Loss Data are critical components managed by the Document Management Solution. This data is processed and handled by both the Document Engine and the Claim Management application.
- * Technology and Infrastructure:
- * Hardware Platform Needs Replacing: The Application Engine runs on hardware that needs replacement. This drives a part of the motivation for updating the infrastructure.
- * Software Version Needs to Be Updated: The Workflow Engine is running on outdated software, necessitating an upgrade to ensure continued support and functionality.
- * High Availability of Infrastructure: Given that the system is redundantly hosted across two data centers, high availability is crucial for seamless operations. This includes continuous availability for the document management processes.
- * Motivations and Drivers:
- * The end-of-support notice from the Workflow Engine supplier requires an upgrade to maintain operational continuity.
- * The system administrator responsible for the Application Engine has raised concerns about hardware needing replacement, adding urgency to the infrastructure upgrade.

Why Option D is Correct:

- * Option D provides the most comprehensive representation of the applications, infrastructure, and motivations for updating the solution.
- * It clearly shows the Claim Management Application and its interaction with the Claim Assignment Business Rules Data, as well as how it relies on the Application Engine.
- * The Document Management Solution and its subsystems (Document Engine, Workflow Engine, and Application Engine) are correctly depicted, with clear relationships to the data they manage (Proof of Loss Documents and Data).
- * The motivations for change—specifically, the need to update the Workflow Engine software and replace the hardware platform—are clearly shown, alongside their impact on the overall system.
- * The diagram shows the involvement of the system administrator in the update process, which is important for ensuring smooth project execution.

Why Other Options Are Incorrect:

- * Option A and Option B do not accurately capture all necessary relationships, particularly the connections between the Claim Management application and its reliance on the Application Engine infrastructure. They also miss some of the drivers related to the required hardware replacement.
- * Option C omits some key details regarding how the Claim Management Application and Document Management Solution components interact with the system, particularly the Claim Assignment Business Rules Data and Proof of Loss Data.

Conclusion:

Option D is the best answer because it offers the most complete and accurate representation of the applications, technology infrastructure, and drivers for the update project. It clearly illustrates how the Claim Management and Document Management systems work together, along with the necessary infrastructure updates, in line with ArchiMate® 3.2 modeling standards.

NEW QUESTION # 16

Please read this scenario prior to answering the question

ArchiAir Catering Services (ACS) manages the catering services for ArchiAir, a leading airline.

ACS is the sole catering supplier for all ArchiAir flights, and its services include full provisioning to the aircraft.

Currently, ACS operates three central production facilities, supported by distribution hubs and local pre-flight production facilities.

The central production facilities are responsible for producing standardized non-food materials (such as plates, cutlery, and boxes), non-perishable food products, and key ingredients required by the local production facilities. These materials are subsequently distributed to the distribution hubs, which also serve as warehouses for the local production facilities. Within the local production facilities, multiple production machines are utilized, each featuring dedicated workstations for chefs and quality inspectors. Most of the local production facilities employ fully automated assembly lines, including built-in packaging stations.

The loaded service trolleys are then transported to the aircraft using small lorries.

In response to investor pressure for ArchiAir to reduce its carbon footprint, the CEO of ACS has announced a plan to address this environmental concern. Subsequently, the Ministry of Social Welfare and Health has enacted a law mandating a reduction in CO₂ emissions from all production facilities by the end of the year. Additionally, the airline's decision to raise ticket prices due to escalating fuel costs has led to a decrease in passenger numbers. This, in turn, impacts the volume of non-food materials required from ACS. An internal investigation has produced a report highlighting the potential benefits of centralizing production facilities and reducing the number of distribution centers. Such changes would result in lower CO₂ emissions while still effectively meeting all the requirements of ArchiAir.

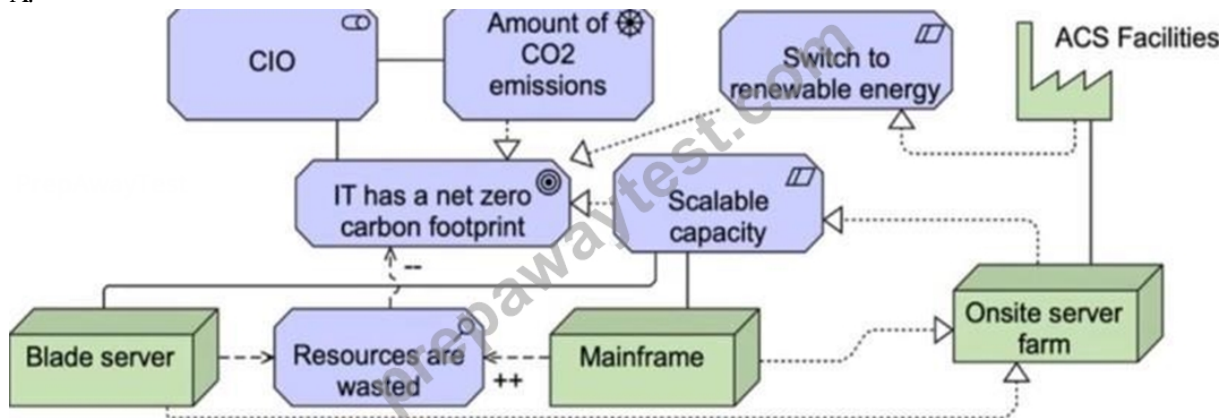
In addition to evaluating its supply chain to reduce its carbon footprint, ArchiAir is taking proactive steps to achieve a net zero carbon footprint for its IT operations. The Chief Information Officer (CIO) has identified two crucial requirements to support this endeavor. The first requirement involves switching to renewable energy for ACS facilities, which are often located in remote areas where traditional fuels are the primary source of energy. To align with sustainability goals, ArchiAir aims to transition these facilities to renewable energy sources. By utilizing renewable energy, ArchiAir can significantly reduce its reliance on traditional fuels and contribute to a greener operation. The second requirement pertains to the scalability of ArchiAir's IT operations, taking into account the airline's susceptibility to seasonal changes in demand. The CIO has observed notable disparities between sites that have additional blade servers and can scale their capacity, and sites that solely rely on the two mainframes housed in central facilities. A comprehensive report has revealed that the blade servers have a negligible impact on resource waste, whereas the mainframes are notorious for their power inefficiency, particularly during periods of low demand.

Refer to the Scenario

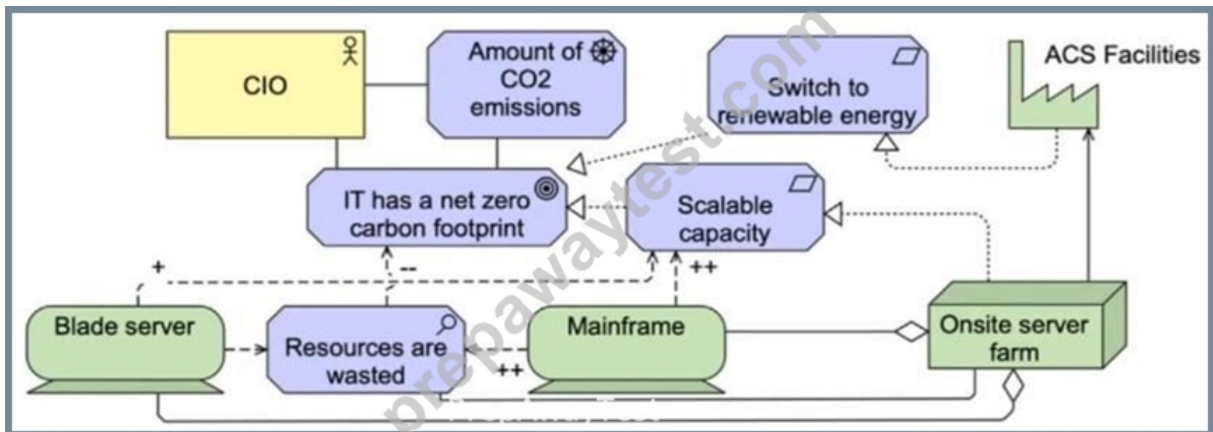
You have been asked to model the motivations for ArchiAir to achieve a net zero carbon footprint for its IT operations.

Which of the following best describes the situation described in the scenario?

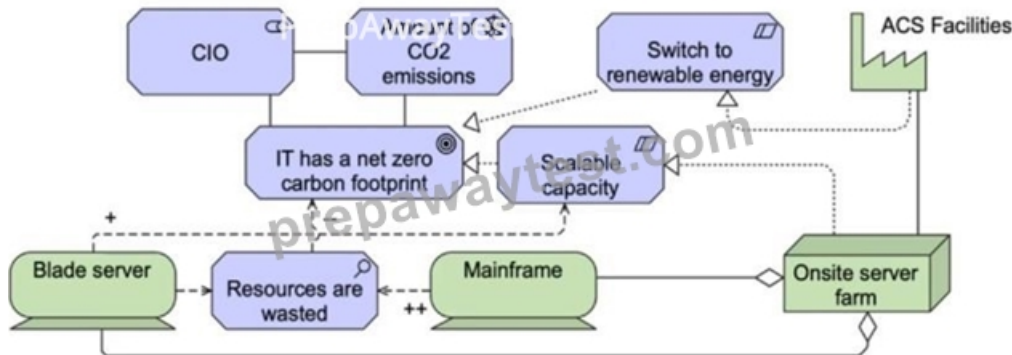
- A.

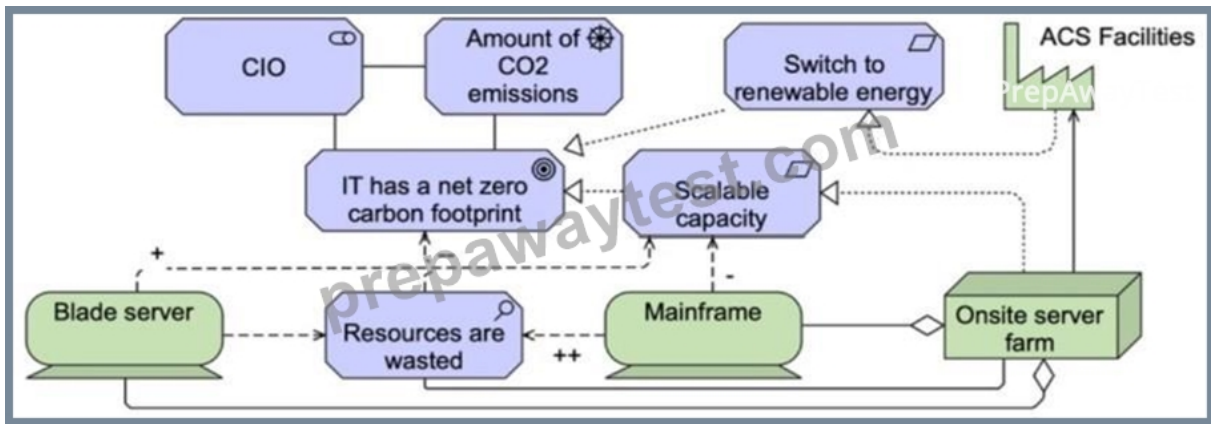


- B.



- C.
- D.





Answer: B

Explanation:

Chosen option most accurately models the motivations for ArchiAir to achieve a net zero carbon footprint for its IT operations according to the scenario:

It shows the stakeholder (CIO) with a clear concern for CO2 emissions and net zero carbon footprint, directly linked as a driver for change.

The goals and outcomes ("IT has a net zero carbon footprint") are represented and clearly connected to requirements such as "Switch to renewable energy" and "Scalable capacity." The capabilities/resources ("Blade server," "Mainframe," "Onsite server farm") and their impact on resources wasted are represented correctly using influence relationships (positive/negative impacts). The influence and realization relationships between elements correctly follow the ArchiMate Motivation and Strategy modeling standards, showing how resources, capabilities, and requirements interact to achieve the strategic goal.

The diagram demonstrates the full traceability from stakeholder motivation through goals and requirements, down to the resources and their operational impacts, which is the essence of modeling motivations in ArchiMate.

NEW QUESTION # 17

Please read this scenario prior to answering the question

A global retail company operates an Order Fulfillment process supported by three core applications: Order Management System (OMS), Warehouse Management System (WMS), and Shipping Coordinator.

The OMS captures orders and stores them in an Order Database. The WMS manages inventory using an Inventory Database. The Shipping Coordinator schedules shipments and generates tracking notifications.

These applications run on virtual machines hosted on a hypervisor cluster. Each VM connects to redundant LAN switches and stores data on centralized SAN storage.

Refer to the scenario.

You are required to model how applications and technology support the Order Fulfillment process, including application behavior, data access, and hosting infrastructure.

Which of the following answers provides the most complete model?

- A. Model databases as Technology Devices without showing application access.
- B. Model Order Fulfillment as a Capability realized directly by Technology Services.
- C. Model only the three applications as Application Components associated with a Node representing the cloud.
- D. Model Order Fulfillment as a Business Process served by Application Services, realized by Application Functions executed by Application Components, accessing Data Objects, deployed on Virtual Nodes connected via Communication Networks to Storage Devices.

Answer: D

NEW QUESTION # 18

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