

OGA-032 Prüfungsmaterialien - OGA-032 Zertifizierung



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Die Modellierungssprache Archimate 3 ist ein weit verbreiteter Standard für die Unternehmensarchitektur, mit der Unternehmen ihre Architekturmodelle auf standardisierte Weise beschreiben, analysieren und visualisieren können. Die Sprache bietet ein gemeinsames Vokabular für die Beschreibung der Komponenten einer Unternehmensarchitektur und ihrer Beziehungen. Die Archimate 3-Prüfung bewertet das Wissen des Kandidaten über die Sprache und ihre Fähigkeit, sie in realen Szenarien anzuwenden.

Die OGA-032 Prüfung besteht aus 40 Multiple-Choice-Fragen und der Kandidat hat 90 Minuten Zeit, um die Prüfung abzuschließen. Die Prüfung ist auf Englisch, vereinfachtem Chinesisch und brasilianischem Portugiesisch verfügbar. Die Bestehensnote für die Prüfung beträgt 60% und der Kandidat erhält eine Urkunde, wenn er die Prüfung besteht. Die Urkunde ist drei Jahre lang gültig, danach kann der Kandidat seine Zertifizierung durch eine Erneuerungsprüfung erneuern.

Die Open Group OGA-032 (Archimate 3 Teil 2) Zertifizierungsprüfung ist eine professionelle Zertifizierung, die weltweit anerkannt wird. Die Zertifizierungsprüfung bestätigt das Wissen und die Fähigkeiten von Kandidaten bei der Verwendung von Archimate 3.0 - Modellierungssprache, um Enterprise -Architektur zu entwerfen. Archimate 3.0 ist eine Modellierungssprache der Unternehmensarchitektur, die eine visuelle Darstellung der Enterprise -Architektur bietet. Die Zertifizierungsprüfung richtet sich an Personen, die ihr Fachwissen in der Unternehmensarchitektur demonstrieren und ihre Karriere in diesem Bereich vorantreiben möchten.

>> OGA-032 Prüfungsmaterialien <<

OGA-032 Zertifizierung & OGA-032 Deutsch

Wir versprechen, dass Sie die Prüfung zum ersten Mal mit unseren Schulungsunterlagen zur The Open Group OGA-032 Zertifizierungsprüfung bestehen können. Sonst erstatten wir Ihnen die gesamte Summe zurück.

The Open Group ArchiMate 3 Part 2 Exam OGA-032 Prüfungsfragen mit Lösungen (Q11-Q16):

11. Frage

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.

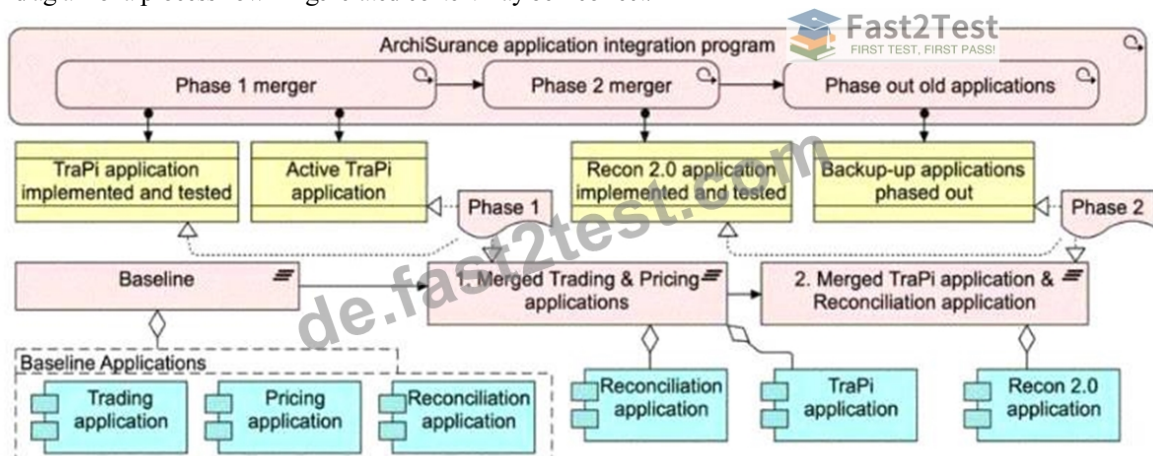
The CIO has agreed on this plan, but wants this to be done in two phases, each in a separate project. Phase 1 should include the merger of the Trading and Pricing applications. Phase 2 should then merge the merged applications with the Reconciliation application respectively. Each project phase has a 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

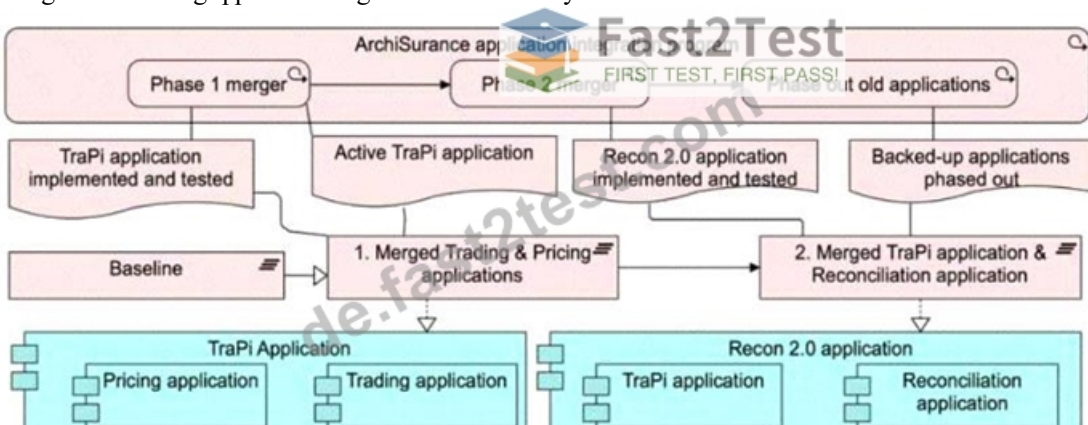
You have been asked by the lead application architect to show how the applications used for daily trading can be migrated. This should include a description of the work packages, deliverables and transition architectures.

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

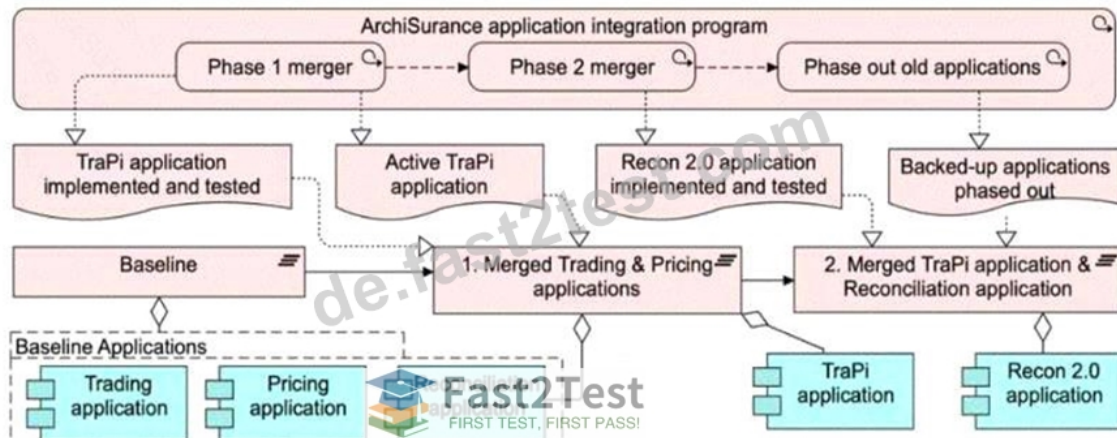
- A. A diagram of a process flow AI-generated content may be incorrect.



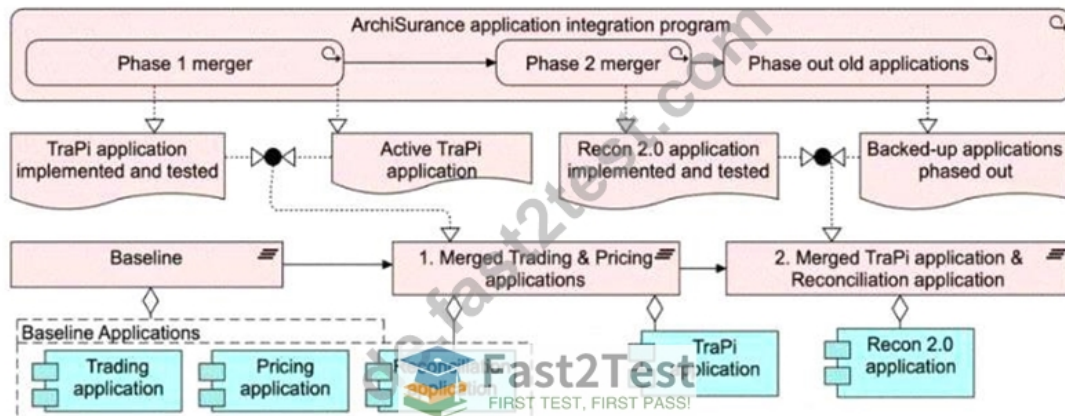
- B. A diagram of a trading application AI-generated content may be incorrect.



- C. A diagram of a process flow AI-generated content may be incorrect.



- D. A diagram of a process AI-generated content may be incorrect.



Antwort: C

Begründung:

We need to determine the best model that:

- * Shows the current applications and their functions- Pricing, Trading, and Reconciliation applications.
- * Represents the migration phases-
- * Phase 1: Merges the Trading and Pricing applications into TraPi.
- * Phase 2: Merges TraPi with the Reconciliation application to create Recon 2.0.
- * Includes transition architectures- Each phase has distinct deliverables marking the transition from old applications to new merged applications.
- * Shows the work packages and dependencies- The sequence of activities leading to the final implementation.

Why D is the Best Choice:

#Clearly distinguishes baseline (existing) applications and the new applications after the migration. # Illustrates the two transition states correctly-

- * First transition: Implementation and activation of the TraPi application.
- * Second transition: Implementation of Recon 2.0 and phase-out of backup applications. #Depicts the migration process sequentially- Ensuring a clear understanding of how the applications evolve over time. #Work packages and deliverables are well structured- Aligning with the phases described in the scenario.

Why Not A, B, or C?

- * A: Does not correctly represent the transition phases and their deliverables.
- * B: Lacks clarity in differentiating baseline applications from transition architectures.
- * C: Misrepresents dependencies and transition states, making the migration process unclear.

12. Frage

Please read this scenario prior to answering the question

ArchiCar is a specialized company that focuses on manufacturing luxury electric cars and powertrain components, along with producing battery-charging equipment. With its own distribution network and showrooms, ArchiCar adopts a direct-to-customer sales model through online channels.

The manufacturing of ArchiCar's electric cars is carried out on fully automated assembly lines. Leveraging a cutting-edge

manufacturing process, the company boasts an impressive ability to sell and deliver a vehicle within just one month from the time of order placement. Anticipating significant growth, the CEO has set ambitious plans to increase annual production from 100,000 to 500,000 vehicles within a three-year timeframe.

To ensure the highest quality standards, ArchiCar relies on locally manufactured finished steel from the renowned ArchiMetal plant. ArchiMetal specializes in lightweight steels that allow ArchiCar to achieve a reduced vehicle weight without compromising strength and crash performance. The finished steel is efficiently transported by rail to ArchiCar's production plant, where it is stored in a dedicated warehouse until required for the automated car assembly process. Conveyor belts facilitate the seamless transfer of the finished steel from the warehouse to the assembly plant.

At the ArchiCar assembly plant, an optimized and streamlined assembly process is implemented, resulting in the production of 12 vehicles per hour. Once assembled, the cars are transported to a nearby distribution center using specialized trucks.

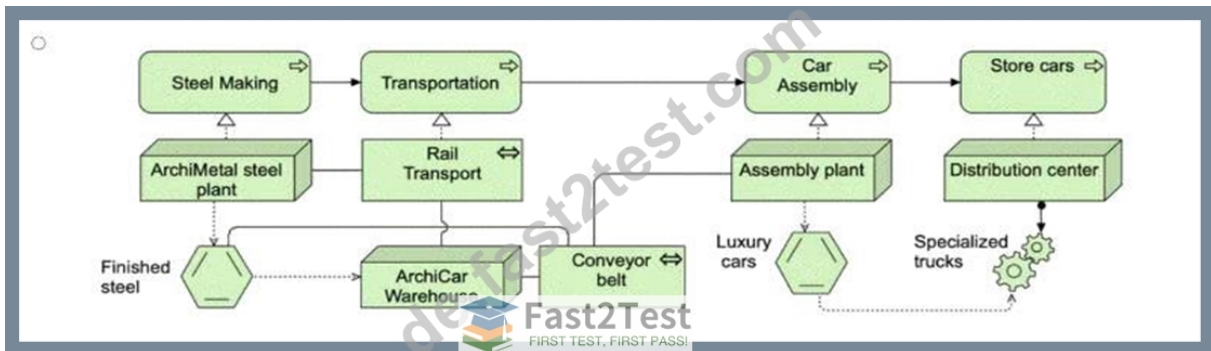
These vehicles are then stored at the distribution center until they are ready for delivery to their eagerly awaiting new owners.

Refer to the Scenario

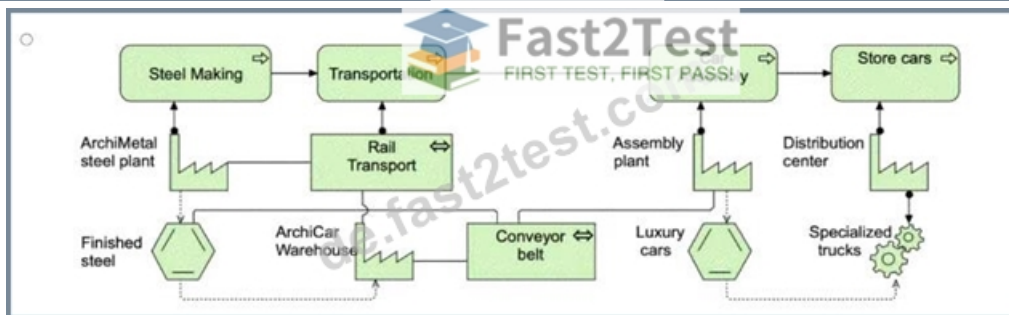
You are a consultant to the CIO. She has asked you to illustrate the end-to-end technology processes at ArchiCar from raw materials to assembled cars ready for delivery.

Which of the following answers provides the best description?

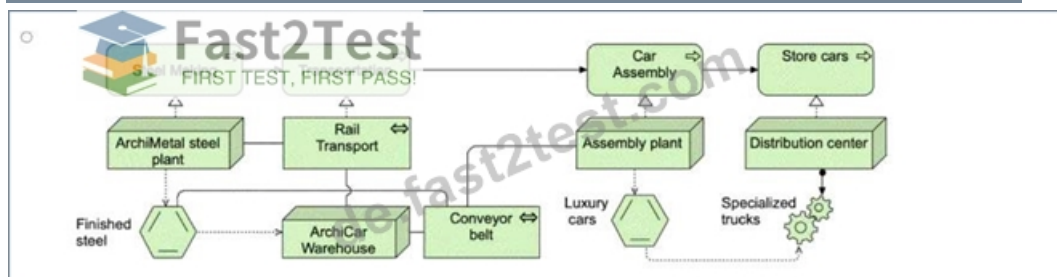
- A.



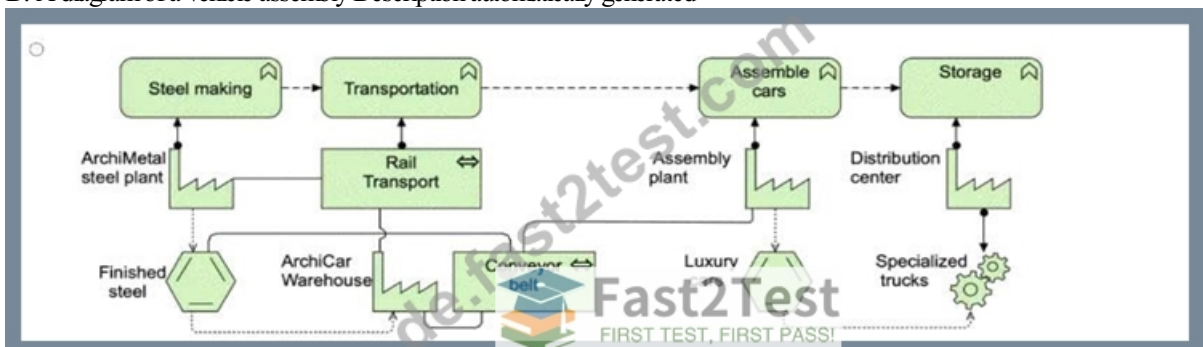
- B.



- C.



- D. A diagram of a vehicle assembly Description automatically generated



Antwort: B

Begründung:

In this scenario, the task is to model the end-to-end technology processes at ArchiCar, showing how raw materials (finished steel) are processed through the company's manufacturing, transportation, and distribution system, ultimately resulting in fully assembled cars ready for delivery.

Key ArchiMate® 3.2 Concepts Applied:

* Business Processes:

* Steel Making: ArchiMetal manufactures finished steel, a key raw material for ArchiCar's production.

* Transportation: The finished steel is transported by rail from the ArchiMetal steel plant to ArchiCar's warehouse.

* Storage: The finished steel is stored in the ArchiCar Warehouse until it is required for the assembly process.

* Car Assembly: The conveyor belt moves the steel from the warehouse to the assembly plant, where cars are assembled on automated lines.

* Transportation (Specialized Trucks): Once assembled, the cars are transported to a distribution center using specialized trucks.

* Storage (Distribution Center): The finished cars are stored in the distribution center, awaiting delivery to customers.

* Application and Technology Components:

* Conveyor Belt: The transfer of finished steel between the warehouse and assembly plant is automated via the conveyor belt.

* Rail Transport and Specialized Trucks: Rail transport handles the movement of steel, and specialized trucks are used for car transportation to the distribution center.

* End-to-End Flow:

* The model needs to clearly depict the full process flow from the production of steel, through its transportation and storage, to the automated assembly of luxury cars and their eventual transportation to the distribution center.

* The relationships between processes (e.g., steel making, transportation, car assembly, and storage) must be clear and follow the logical flow of operations.

Why Option D is Correct:

* Option D provides a clear and accurate representation of the end-to-end process as described in the scenario.

* It begins with the steel-making process at the ArchiMetal steel plant and follows through with the transportation of the finished steel to the warehouse by rail transport.

* The process of moving steel via the conveyor belt from the warehouse to the assembly plant for car manufacturing is clearly depicted.

* Once cars are assembled, they are transported to the distribution center using specialized trucks and are then stored until delivery, completing the end-to-end flow.

* The relationships between processes and supporting components (e.g., conveyor belt, transportation methods) are clearly illustrated, following ArchiMate® standards.

Why Other Options Are Incorrect:

* Option A is incorrect because it misses some key elements of the process. It does not fully clarify the role of the warehouse or how the finished steel is transported between locations.

* Option B misrepresents the process flow, particularly the storage and assembly process. The connection between steel production and car assembly is not as clearly illustrated.

* Option C also lacks clarity in how the finished steel is moved from the warehouse to the assembly plant, and it does not accurately capture the flow of transportation and storage after car assembly.

Conclusion:

Option D is the best answer because it provides the most complete and clear description of the end-to-end technology processes at ArchiCar, from raw materials (finished steel) to assembled luxury cars ready for delivery. It aligns well with the scenario and adheres to ArchiMate® 3.2 modeling standards, showing all necessary relationships between business processes and supporting components.

13. Frage

Please read this scenario prior to answering the question

The IT Operations (IT Ops) department at ArchiSurance has five core responsibilities, each encompassing a dedicated business process: (1) Batch Operations (Batch Ops), (2) Online Operations (Online Ops), (3) Security Operations (Security Ops), (4) User Support and (5) Continuous Improvement. Service level agreements (SLAs) are in place for Batch Ops and Online Ops, and each Ops process generates monitoring data that is utilized by the Continuous Improvement process.

The System Ops category consists of Batch Ops, Online Ops, and Security Ops, each having an incident management sub-process. These sub-processes are triggered by Batch, Online, and Security Incidents, respectively. In the initial stages of the incident management sub-processes, an Incident Alert is shared with the other System Ops processes by posting it to the Alert Buffer. Batch Ops relies on a schedule that outlines all batch jobs and their dependencies. This schedule serves two sub-processes: Batch Planning, which updates the schedule for use by the Execution Management sub-process.

The Batch Ops process relies on a suite of interconnected applications to facilitate its operations. Among these applications, the Batch Scheduler plays a vital role by allowing users to manage a comprehensive database of jobs, job schedules, and dependencies. It effectively launches batch jobs according to the information stored in the database.

Working in conjunction with the Batch Scheduler, the Batch Monitor application utilizes the job schedules as a reference point to

monitor job execution. It identifies any exceptional conditions that may arise during the execution process. To ensure effective handling of these exceptions, the Batch Monitor communicates the information to both the Batch Scheduler and the Incident Handler applications through the previously mentioned Alert Buffer.

The Incident Handler application operates based on a defined set of business rules. It uses these rules to determine the relevant systems and individuals that need to be notified in the event of each incident.

Subsequently, the Incident Handler

application generates appropriate notifications according to these determinations.

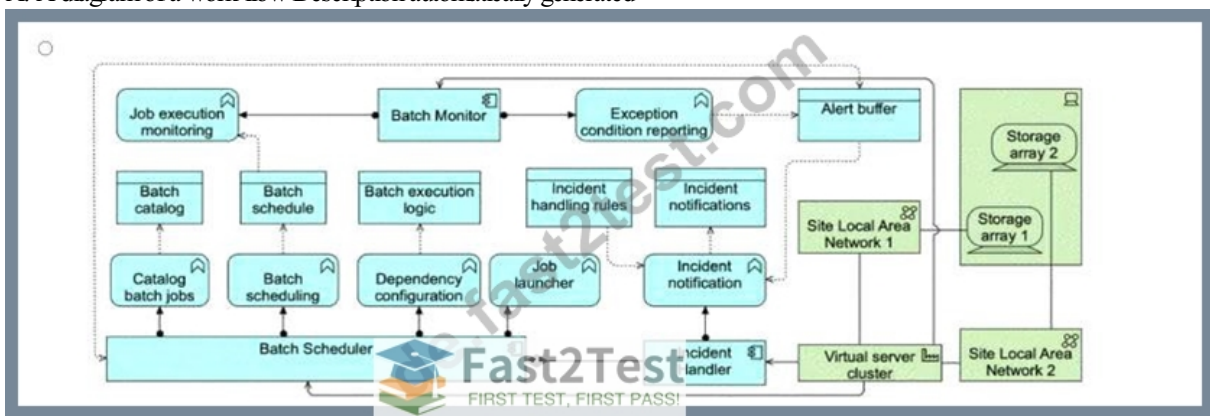
Recognizing the criticality of the Batch Scheduler, Batch Monitor, and Incident Handler applications, ArchiSurance has implemented redundant hosting arrangements across multiple geographically distributed data centers. In each data center, these three applications are supported by fully redundant virtual server clusters. Each cluster is connected to two site local area networks, both of which are further linked to separate storage array hardware devices.

Refer to the scenario

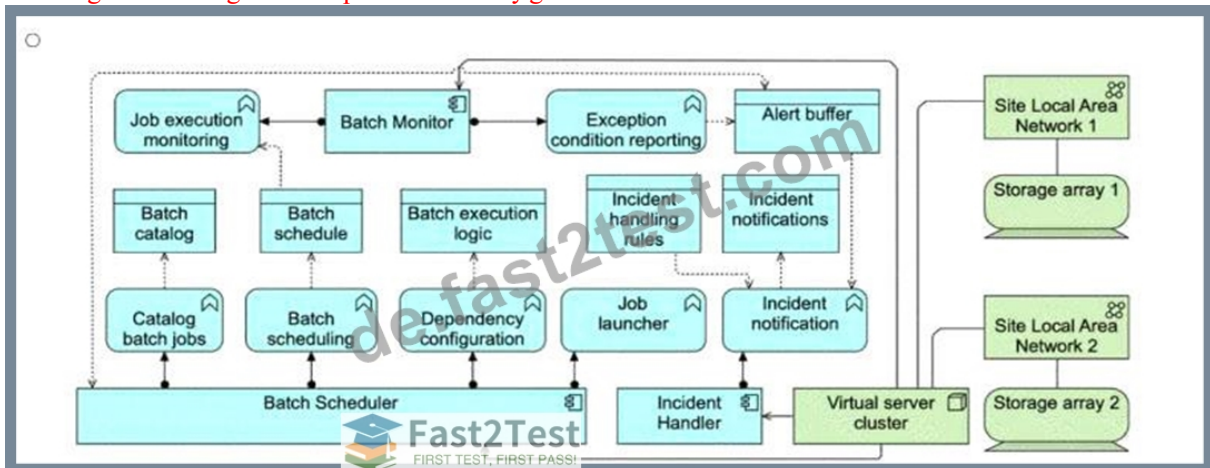
As part of an IT service management initiative, you have been assigned the task to show how applications and technology support the Batch Ops process. This should show the relationships between the applications, their functions, the data they access, and the technology that hosts the applications and data, along with the networks that connect the servers. It is only necessary to model a single data center.

Which of the following answers provides the most complete and accurate model?

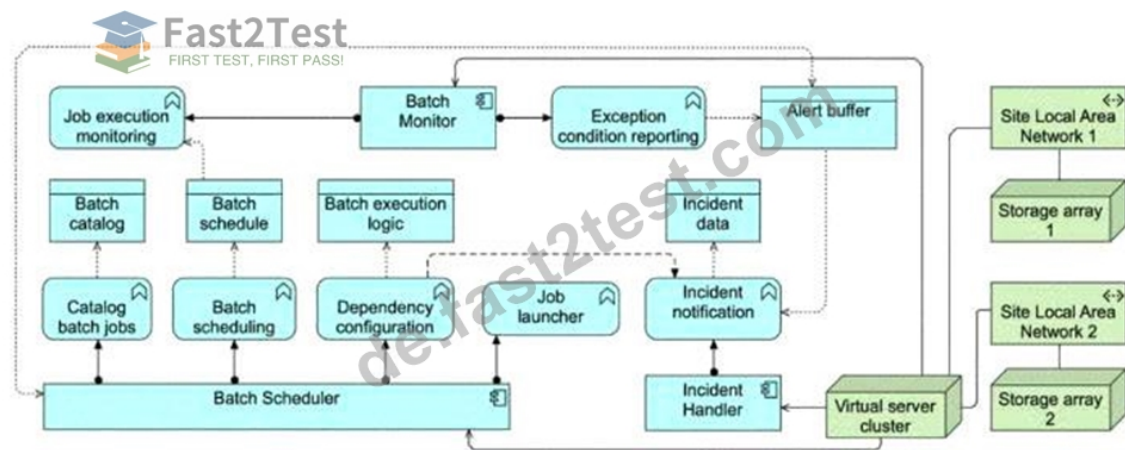
- A. A diagram of a work flow Description automatically generated



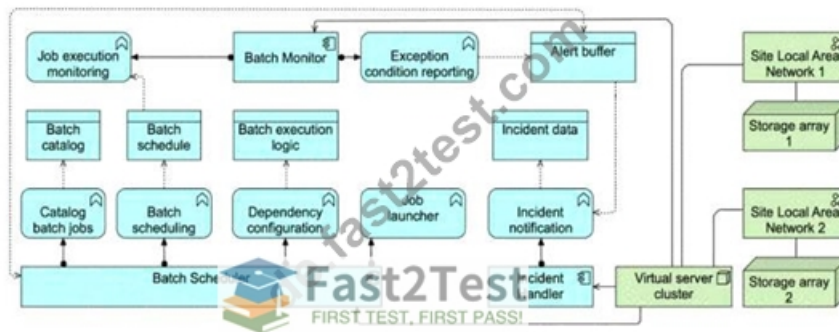
- B. A diagram of a firefighter Description automatically generated



- C. A diagram of a software system Description automatically generated with medium confidence



- D. A diagram of a work flow Description automatically generated



Antwort: B

Begründung:

The correct answer is C as it provides the most complete and accurate model according to the ArchiMate® 3 framework and the given scenario.

Here's why:

* Business Processes and Sub-Processes:

* Batch Operations (Batch Ops) is one of the core responsibilities in IT Operations, and its processes are modeled clearly. The Batch Scheduler is responsible for managing batch jobs, schedules, and dependencies.

* The Batch Monitor is correctly shown to monitor the job execution and notify exceptions using the Alert Buffer.

* The Incident Handler is used to notify relevant systems and individuals, triggered by the incident detection from Batch Monitor. This is modeled by the use of incident handling rules and notifications.

* Application Layer (Application Components and Functions):

* The Batch Scheduler, Batch Monitor, and Incident Handler are accurately depicted as the main applications. These applications are crucial for managing job scheduling, monitoring execution, and handling incidents.

* These applications share the same virtual server cluster, which is an important detail reflecting redundancy and high availability, which was mentioned in the scenario.

* The interrelationships between applications are accurately depicted: the Batch Scheduler launches jobs, the Batch Monitor checks their status, and Incident Handler deals with exceptions.

* Data Access:

* The Batch Scheduler accesses and updates batch jobs and schedules, and this is represented clearly.

* The Incident data and Incident notifications are accurately modeled as being used by Incident Handler.

* Technology Layer:

* The Virtual server cluster, Storage arrays, and Site Local Area Networks are appropriately connected to support the application infrastructure.

* Redundancy is shown through the use of multiple storage arrays and network connections, as described in the scenario.

* Accuracy in Relationship Types (ArchiMate® 3) References:

* The relationships between components are modeled using ArchiMate® 3 standards, such as flow relationships between the Batch Monitor and Alert Buffer or between the Incident Handler and storage components.

* Triggering relationships exist between the applications that manage batch jobs and the monitoring/notification process, ensuring correct job execution and incident handling.

Conclusion: Answer C is the most complete model, as it accurately reflects the roles of the various applications, their interactions, and the underlying technology components in support of the Batch Ops process, following the guidelines and modeling standards of ArchiMate® 3.

14. Frage

Please read this scenario prior to answering the question

ArchiCar has been a market leader in the premium priced luxury car sector for the last decade. Its product leadership strategy has brought superior products to market, and enabled ArchiCar to achieve premium prices for its cars. This strategy has been widely successful in the past, but recently competitors have been offering comparable products and taking significant market share. The governing board of ArchiCar has identified opportunities in emerging markets where the ArchiCar brand is associated with luxury and high performance products, but is thought to be too expensive for mass-market success. Based on this assessment, the board has made the decision to setup a subsidiary company to mass-produce affordable cars locally. This will be achieved by focusing on a strategy of operational excellence. Such a strategy is ideal for such markets where customers value cost over other factors. To facilitate this strategic transformation, the project has been divided into multiple phases within a five-year program. The initial phase, known as "Achieving Operational Excellence," is underway. The engineering team has begun devising an action plan to drive the necessary changes and outlining the technological conditions that must be met. The product architect has identified three current capabilities - industry-leading engineering, high-quality materials sourcing, and cutting-edge focussed R&D - along with their contributions to the new production philosophy.

Moving forward, it has been determined that two out of the three current capabilities require revision.

Materials sourcing needs to be adjusted to meet optimization demands, and R&D targets must align with future goals to enable affordable production. Additionally, process engineering is introduced as a fourth capability to shift the company's focus from products to a process-oriented approach.

The Enterprise Architecture team has been tasked with migration planning, and identifying key work packages and deliverables. They have identified two transition states between the current and future scenario.

The first transition aims to adjust current capabilities, including revising the R&D approach and procurement strategy. The second transition aims to shift from a product-centric mindset to a process-focused approach and adjust materials sourcing accordingly. It is important to consider existing supplier contracts that cannot be immediately canceled during this process.

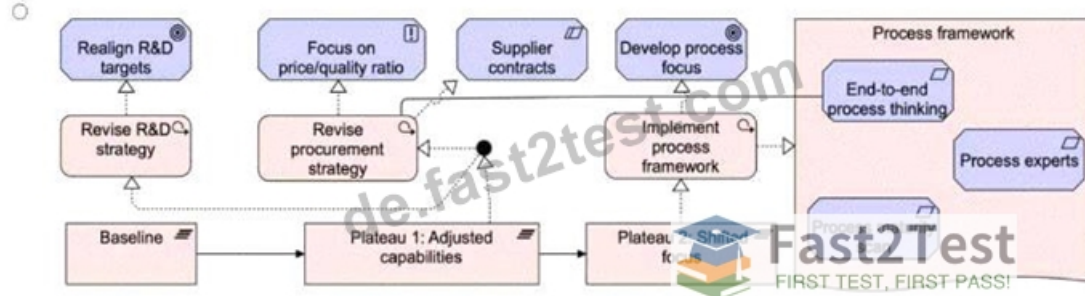
The Enterprise Architecture team has identified that the second transition must implement a process framework, in order to shift to a process focus and meet a number of requirements, including the requirement for end-to-end process thinking. As this requirement impacts procurement processes, it also impacts the procurement strategy.

Refer to the Scenario

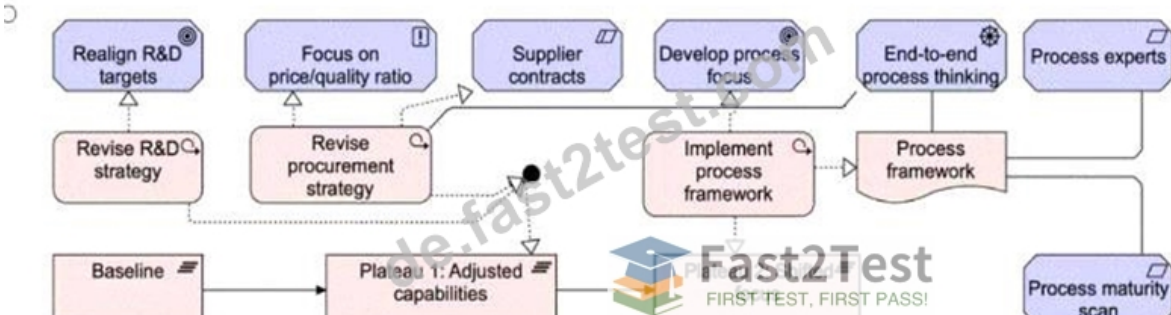
You have been asked to model parts of the overall scenario, including migration planning, the motivations driving the migration, and the work packages necessary to achieve the desired deliverables.

Which of the following answers best describes the scenario?

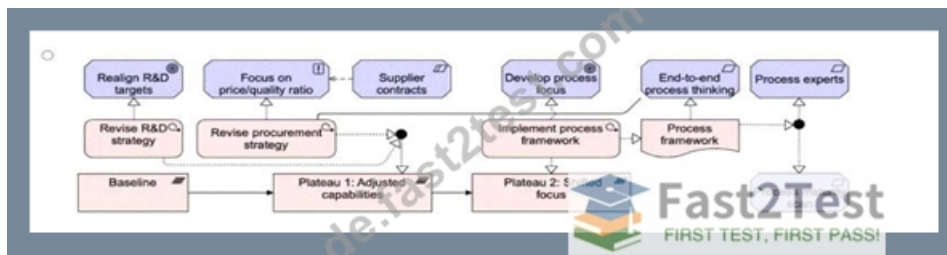
- A. A diagram of a process Description automatically generated



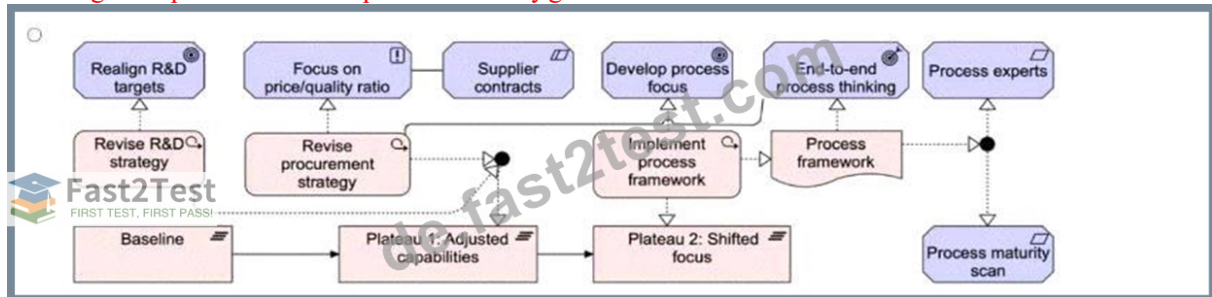
- B. A diagram of a process Description automatically generated



- C. A diagram of a process Description automatically generated



- D. A diagram of process flow Description automatically generated



Antwort: D

Begründung:

This scenario involves migration planning for ArchiCar as it transitions from a product-centric approach to an operational excellence strategy for mass-producing affordable cars in emerging markets. The task is to model the steps involved, including work packages, deliverables, and the motivations driving the transitions.

Key ArchiMate® 3.2 Concepts Applied:

* Capabilities and Transition Phases:

* The existing capabilities-R&D, material sourcing, and engineering-need to be adjusted to fit the new strategy. In particular:

* Revising R&D targets to align with the goal of affordable production.

* Revising the procurement strategy to optimize material sourcing.

* Introduction of a process focus in the second phase to shift from a product-centered approach to operational excellence.

* Two transition states are identified:

* Plateau 1 (Adjusted Capabilities): Focuses on revising the R&D strategy and procurement strategy.

* Plateau 2 (Shifted Focus): Involves shifting to a process-oriented focus, adjusting material sourcing, and implementing a process framework to enable end-to-end process thinking.

* Work Packages and Deliverables:

* Work packages include activities such as revising R&D strategy and procurement strategy during the first transition, and then developing process focus and implementing a process framework in the second transition.

* These work packages are linked to key deliverables:

* Plateau 1: Realigning R&D and procurement strategies to achieve adjusted capabilities.

* Plateau 2: Implementing a process framework, shifting to process-oriented thinking, and achieving the operational excellence goals.

* Motivation Elements:

* The migration is driven by a need to realign current capabilities (such as focusing R&D on affordability and optimizing procurement) and a requirement to shift focus from product leadership to operational excellence.

* The external driver is the competition and market opportunity in emerging markets, where cost is more critical than luxury.

* Dependencies and Constraints:

* Supplier contracts may impose constraints on how quickly procurement strategies can change, which is considered in the transition planning.

* The process framework must be implemented in a way that supports end-to-end process thinking.

Why Option B is Correct:

* Option B accurately reflects the two transition phases (Plateaus 1 and 2) and shows the appropriate work packages and deliverables in line with the scenario.

* It clearly models the steps for revising R&D strategy and procurement strategy in the first transition, and the shift to a process focus in the second transition.

* The process framework and its link to end-to-end process thinking and procurement strategy are also correctly modeled, fulfilling the requirements of the scenario.

* Motivations for the changes, such as the focus on the price/quality ratio, and the external drivers for shifting strategy are well captured.

Why Other Options Are Incorrect:

* Option A and Option C misrepresent or omit important relationships between work packages, such as the link between the process

framework and the end-to-end process thinking.

* Option D does not correctly capture the sequence of work packages and the logical flow of transitions between phases.

Conclusion:

Option B provides the most complete and accurate description of the scenario, correctly illustrating the migration planning, motivations, and the work packages necessary to achieve the target state. It aligns well with ArchiMate® 3.2 modeling standards and meets the scenario's requirements.

15. Frage

Please read this scenario prior to answering the question

The ArchiSurance enterprise document management solution plays a crucial role in supporting a large number of document types and managing a high volume of document-based transactions each day. Given its business-critical nature, the document management solution is hosted redundantly across two geographically separate data center sites: Site A and Site B. Both sites are configured identically to ensure seamless operations.

Each site has a highly available data center network (DCN) that connects to the resilient ArchiSurance wide area network (WAN).

Each claim management server is connected to its respective site's DCN, forming a converged network that interconnects servers and storage arrays. A dedicated physical storage array is allocated to the claim management application within each DCN.

Additionally, each site houses four powerful physical servers exclusively dedicated to the claim management application.

Among these servers, one remains on standby at any given time, while the other three take on specific roles in hosting the document, workflow, and application engines.

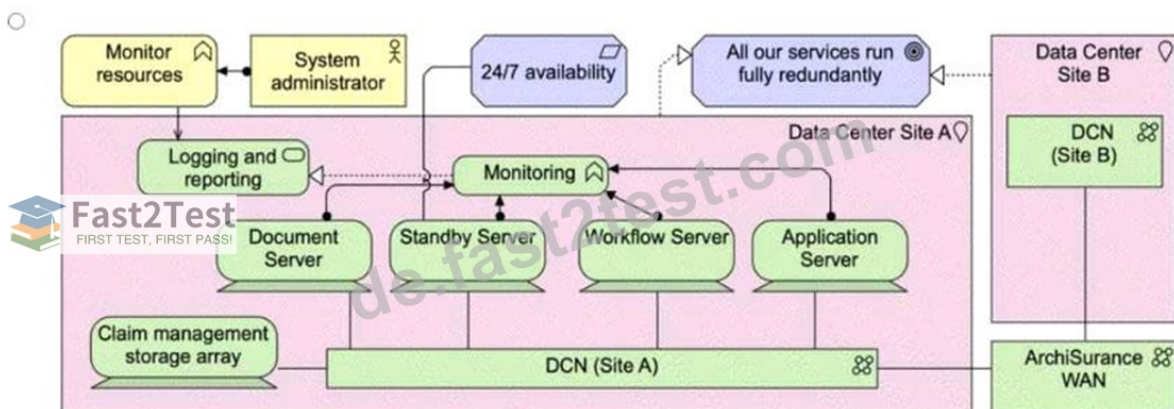
The standby server is responsible for monitoring the behavior of the other servers, providing a logging and reporting service. The active servers regularly transmit data to facilitate this monitoring functionality. In the event of a server failure, the standby server steps in to perform resource reallocation, replacing the faulty server. However, this task requires manual intervention from a system administrator to reconfigure the logging and reporting service to adapt to the new environment.

Refer to the Scenario

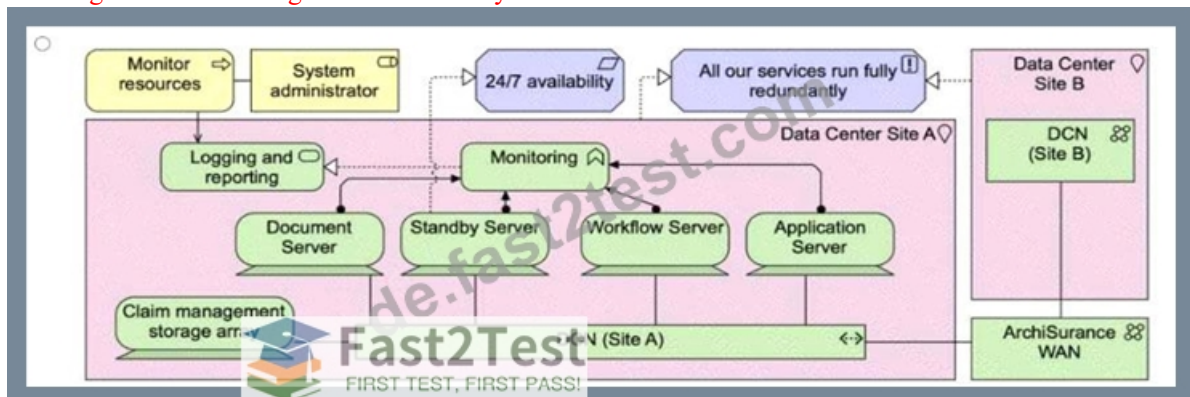
The IT manager has asked you to model the hardware and networks that support the document management solution. This includes capturing the infrastructure components such as data center sites, servers, storage, and networks. Additionally, you are expected to outline the necessary functionality and services required to enable failover within a server cluster. Given that both data centers share an identical configuration, it is sufficient for Site B to only show the associated networking.

Which of the following is the best answer?

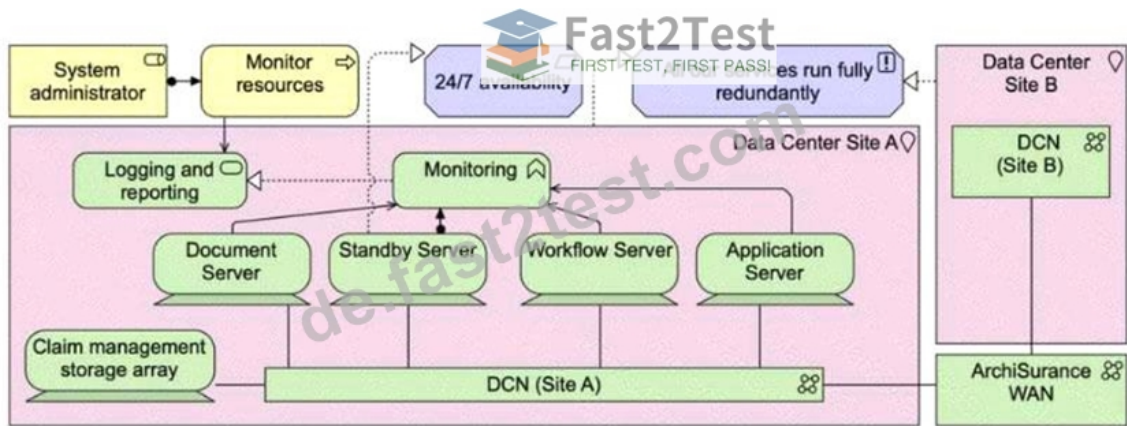
- A. A diagram of a server AI-generated content may be incorrect.



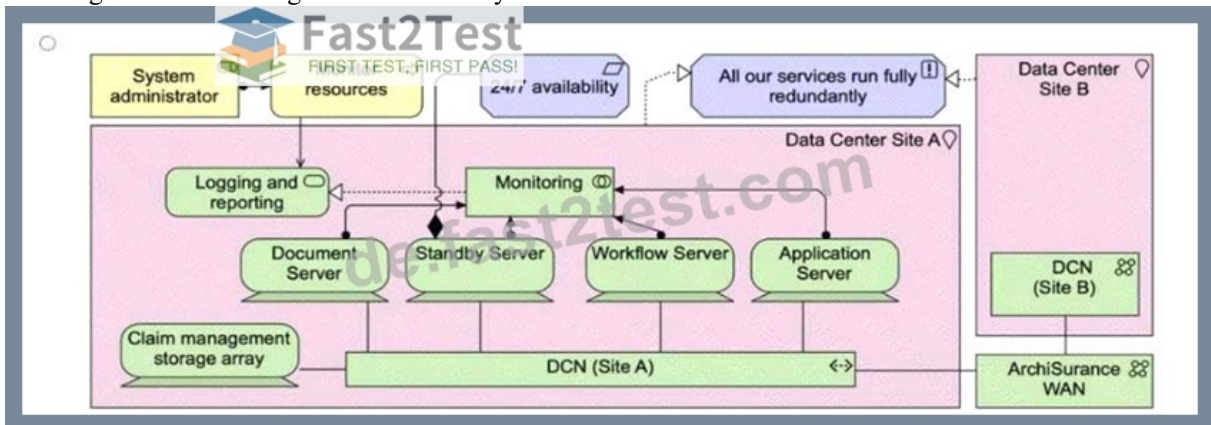
- B. A diagram of a server AI-generated content may be incorrect.



- C. A diagram of a software server AI-generated content may be incorrect.



- D. A diagram of a server AI-generated content may be incorrect.



Antwort: B

Begründung:

We need to identify the most accurate and complete model that represents:

- * Infrastructure Components- Including data centers, servers, storage arrays, and networks.
- * Failover Capabilities- Showing the standby server's role in monitoring and switching functionality upon failure.
- * Redundant Setup- Ensuring the representation of both data centers (Site A and Site B), with Site B showing only networking.
- * Interconnectivity- Between servers, DCN, and WAN.

Why D is the Best Choice:

#All required infrastructure components are included, such as:

- * Physical servers (Document, Workflow, and Application Servers).
- * Standby Server for failover.
- * Claim Management Storage Array.
- * DCN (Data Center Network) for Site A and Site B.
- * ArchiSurance WAN for external connectivity.

#The Standby Server is correctly linked to logging, monitoring, and reporting, showing its role in monitoring and failover.

#Networking is modeled properly:

- * Both Site A and Site B have a DCN, correctly interconnecting storage and servers.
- * Site B does not duplicate servers but represents networking, as per the scenario.

#Functionality of Failover is Modeled Accurately:

- * Monitoring and reporting services are depicted.
- * Manual intervention by a system administrator is present.

Why Not A, B, or C?

- * A: Does not fully capture the network and storage relationships clearly.
- * B: Similar to A but misses some essential network connections.
- * C: Incorrect failover representation, and networking elements are not clearly depicted.

16. Frage

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Hier Zeigen wir Ihnen den Grundwert von Fast2test. Fast2test Dumps haben die Durchlaufrate mit 100%. Fast2test Dumps sind die

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