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The Open Group OGA-032 is a certification exam designed to test the knowledge of individuals on ArchiMate 3 Part 2. ArchiMate is an enterprise architecture modeling language that helps organizations to describe, analyze, and manage enterprise architecture. The Open Group, a global consortium that develops and promotes open standards in technology, offers the ArchiMate 3 Part 2 certification program to help individuals demonstrate their proficiency in using the ArchiMate language.

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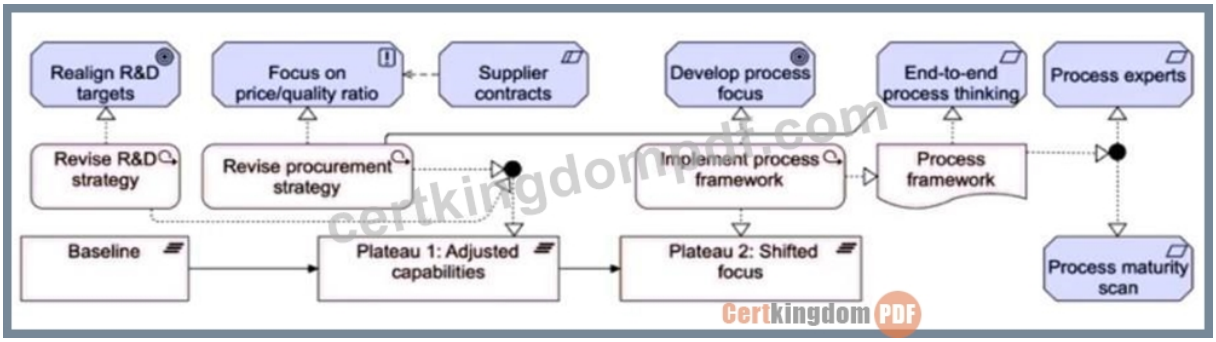
The Open Group OGA-032 (ArchiMate 3 Part 2) Certification Exam is a professional certification that is recognized globally. ArchiMate 3 Part 2 Exam certification exam validates the knowledge and skills of candidates in using ArchiMate 3.0 modeling language to design enterprise architecture. ArchiMate 3.0 is an enterprise architecture modeling language that provides a visual representation of the enterprise architecture. ArchiMate 3 Part 2 Exam certification exam is designed for individuals who want to demonstrate their expertise in enterprise architecture and who want to advance their career in this field.

The Open Group ArchiMate 3 Part 2 Exam Sample Questions (Q10-Q15):

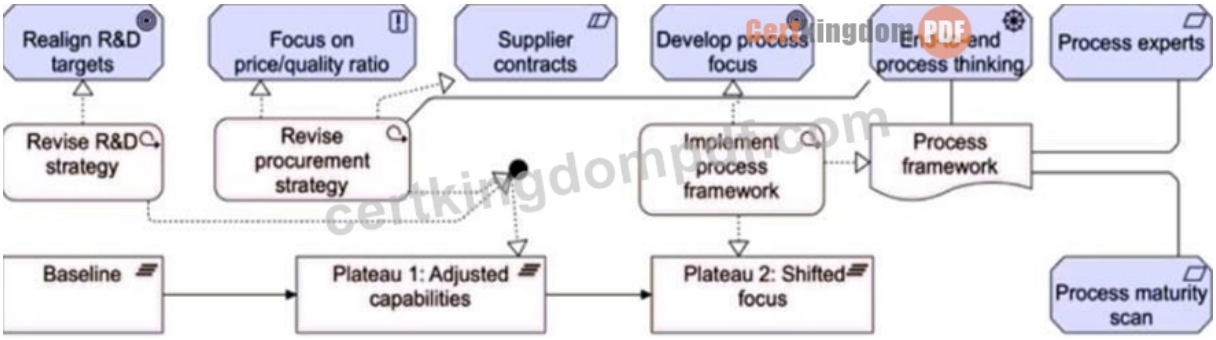
NEW QUESTION # 10

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.
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?

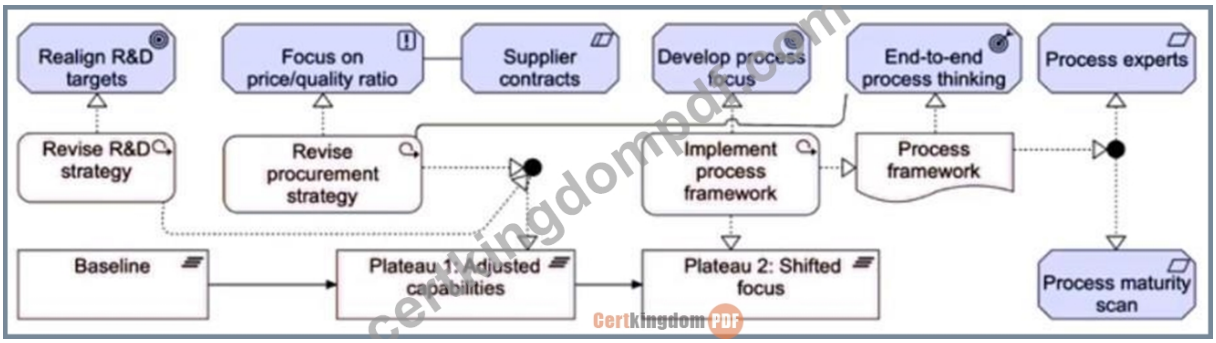
- A.



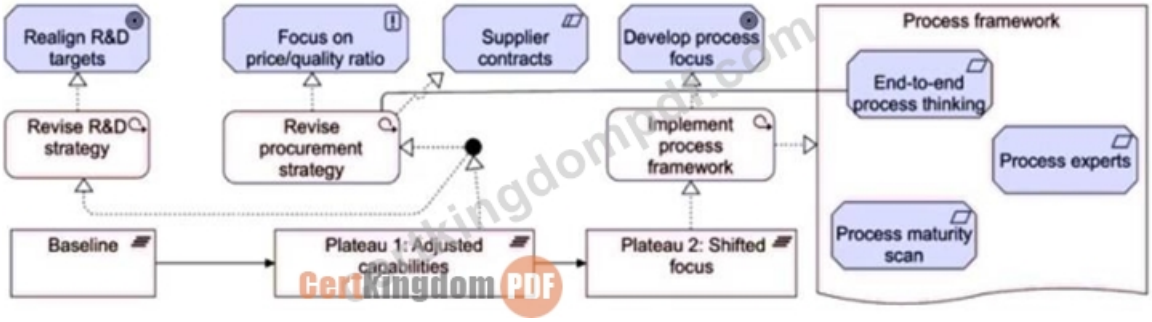
- B.



- C.



- D.



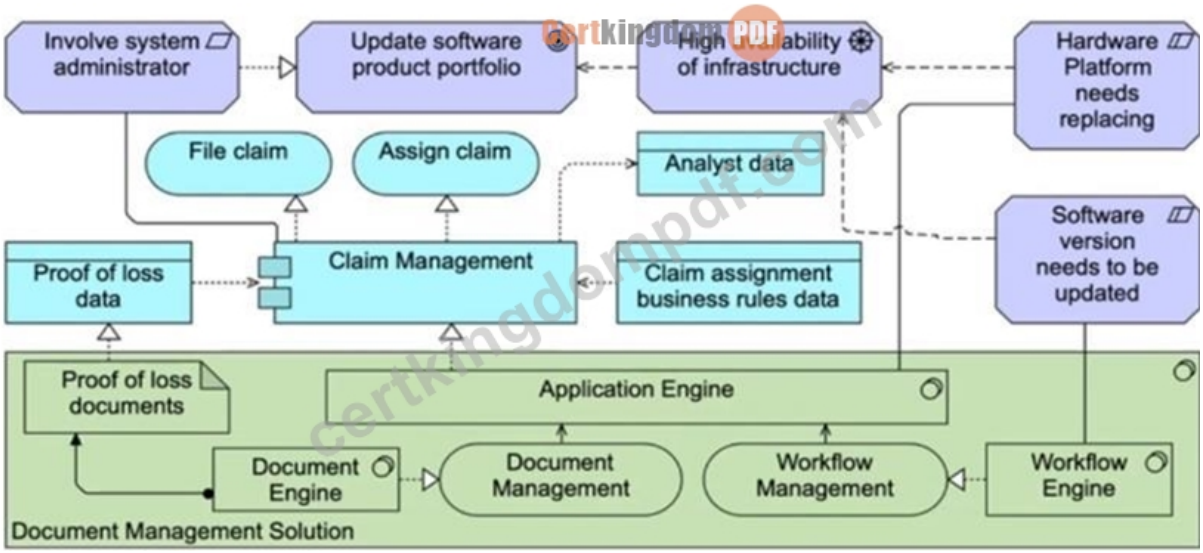
Answer: D

Explanation:
This diagram is the only one that cleanly captures all of the required pieces:
- Migration Program at the top, showing the three sequential projects (Phase 1 merger → Phase 2 merger → Phase-out old applications).
- Work packages ("TraPri application implemented and tested," "Active TraPri application" for Phase 1; "Recon 2.0 application implemented and tested," "Back-up applications phased out" for Phase 2) tied into each project.
- Two distinct transition plateaus ("1. Merged Trading & Pricing applications" and "2. Merged TraPi application & Reconciliation application").
- A clear baseline on the left (Trading, Pricing, Reconciliation apps) and the final target applications on the right (TraPi and Recon 2.0).

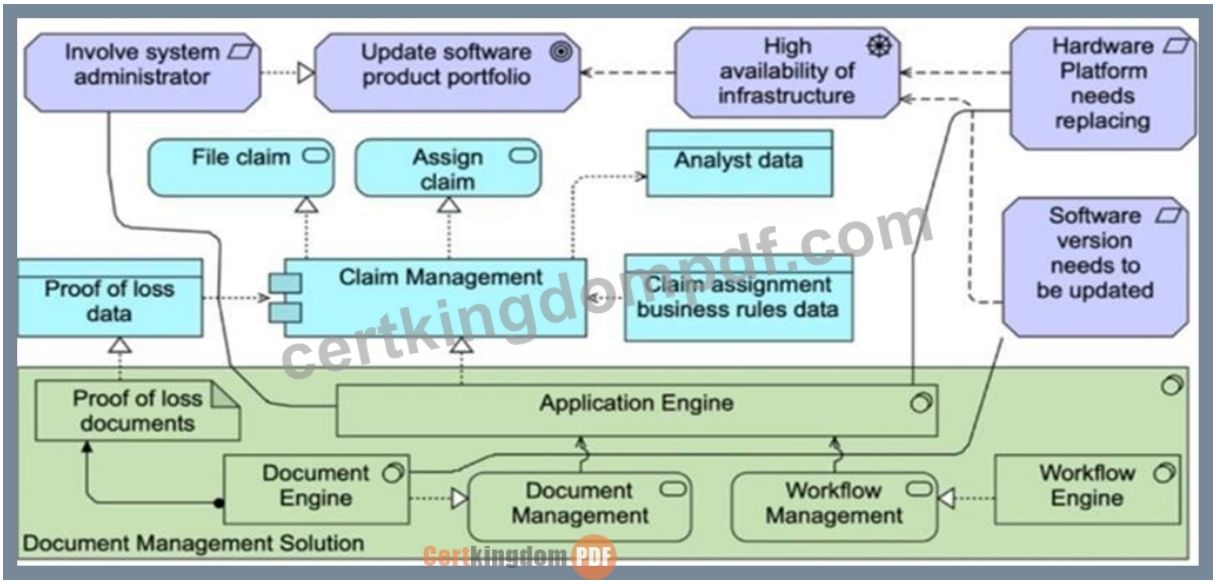
NEW QUESTION # 11
Please read this scenario prior to answering the question
The ArchiSurance enterprise document management solution includes a sophisticated ecosystem of applications and technologies. Designed with a strong emphasis on high availability, it plays a vital role in providing support for 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.

- B.


Involve system administrator
Update software product portfolio
High availability of infrastructure
Hardware Platform needs replacing
File claim
Assign claim
Analyst data
Software version needs to be updated
Proof of loss data
Claim Management
Claim assignment business rules data
Proof of loss documents
Application Engine
Document Engine
Document Management
Workflow Management
Workflow Engine
Document Management Solution

- C.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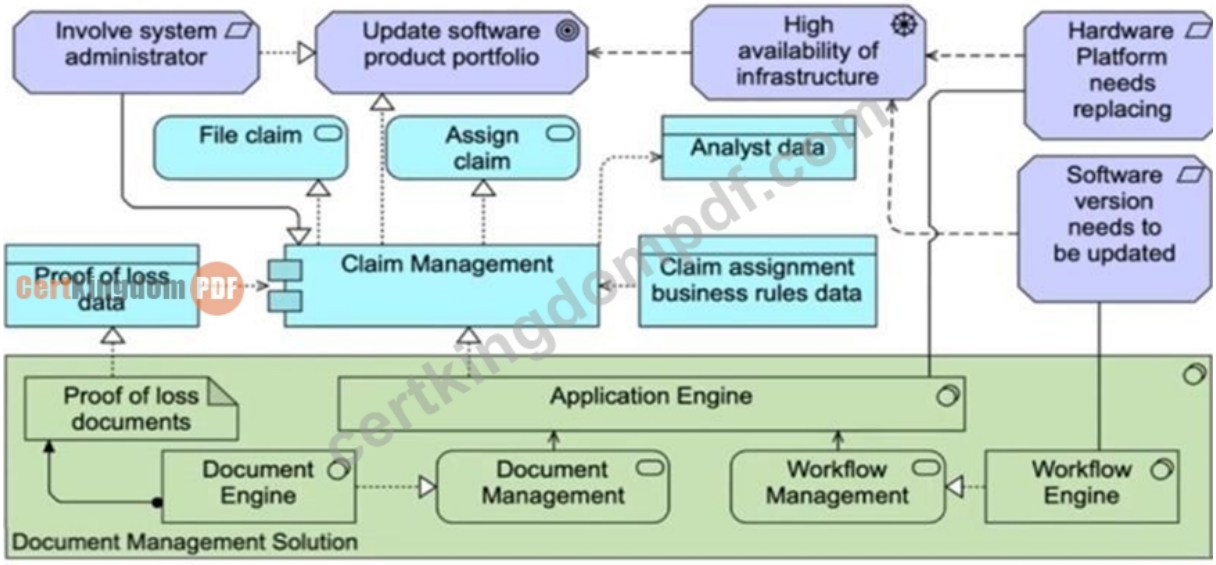
Document Engine
Document Management
Workflow Management
Workflow Engine
Document Management Solution

- D.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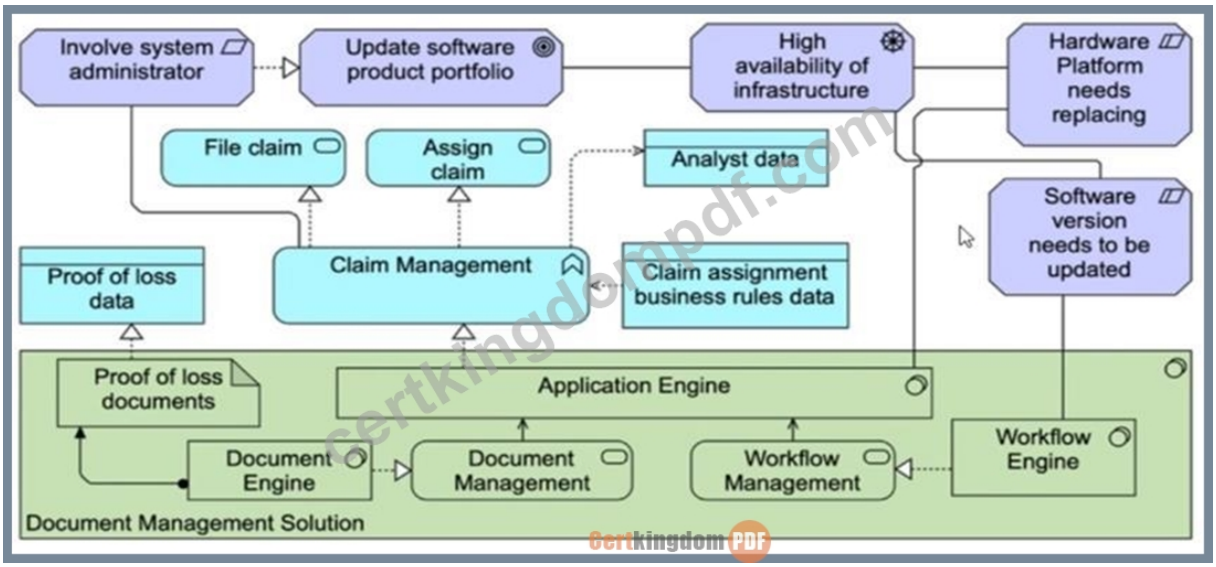
Claim Management
Claim assignment business rules data
Proof of loss documents
Application Engine
Document Engine
Document Management
Workflow Management
Workflow Engine
Document Management Solution



Answer: A

Explanation:
Chosen option provides the most complete and accurate representation according to the scenario:
It clearly models the motivations (e.g., "Involve system administrator," "Update software product portfolio," "High availability of infrastructure," "Hardware platform needs replacing," "Software version needs to be updated") and their relationships, capturing both the software and hardware motivations driving the project.
The business layer is represented with processes/services ("File claim," "Assign claim"), and the supporting data objects are linked appropriately (e.g., "Proof of loss data," "Analyst data," "Claim assignment business rules data").
The application layer accurately shows the main components ("Claim Management," "Application Engine," "Document Engine," "Document Management," "Workflow Management," "Workflow Engine") and their interactions, which reflects the described architecture of the document management solution.
The technology layer is represented by the green background (Document Management Solution), which contains the application components as described, showing how infrastructure supports application services.
Relationships between all layers (motivation, business, application, and technology) are clearly modeled, allowing for end-to-end traceability from motivation to implementation.

NEW QUESTION # 12
Please read this scenario prior to answering the question
A financial institution runs a Loan Approval process supported by a Loan Processing application and a Risk Assessment application. The Loan Processing application evaluates loan data using Business Rules stored in a Rules Repository. Risk Assessment retrieves credit scores from an external API.
Both applications run on virtual application servers connected to internal and external networks.
Refer to the scenario.
Which answer is most complete?

- A. Use association relationships only to show credit bureau integration.
- B. Model Loan Approval as a Business Process served by Application Services realized by Application Functions accessing Data Objects (Loan Request, Risk Report, Business Rules), deployed on Virtual Nodes connected via Communication Networks.
- C. Model only application components.
- D. Model everything only in the Technology Layer.

Answer: B

NEW QUESTION # 13
Please read this scenario prior to answering the question
A healthcare provider operates a Patient Admission process supported by the Admission Portal application and Insurance Verification application.
Patient data is stored as Patient Records. Insurance Verification consumes an external Web API.

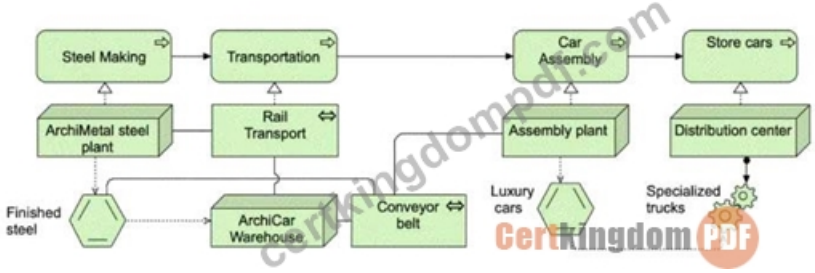
Both applications are deployed in a Kubernetes cluster running on physical servers connected via a hospital LAN and redundant storage arrays.
Refer to the scenario.
You must produce a cross-layer model showing behavior, data, and infrastructure.
Which model is most appropriate?

- A. Represent records only as Technology Artifacts.
- B. Model only the Kubernetes cluster.
- C. Model Patient Admission as a Business Process served by Application Services realized by Application Functions assigned to Application Components deployed on Nodes, with Access relationships to Data Objects and connections via Communication Networks.
- D. Model Insurance Verification as a Business Actor.

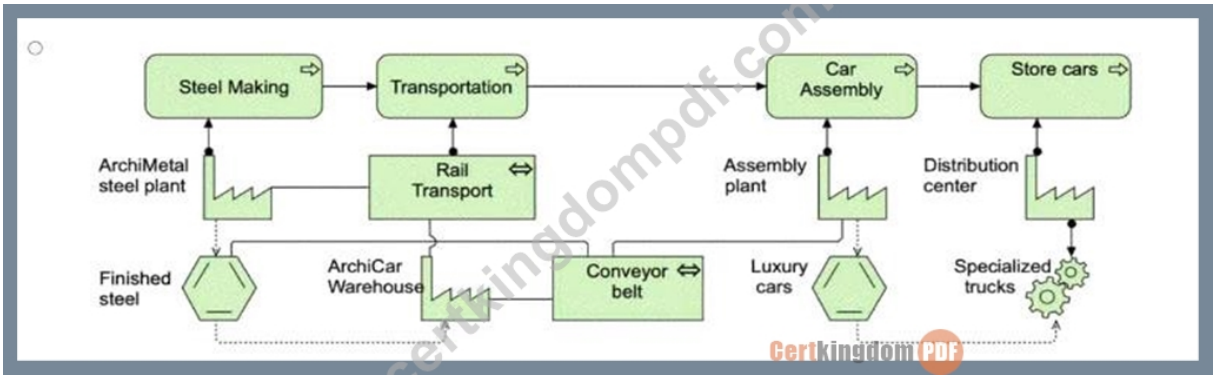
Answer: C

NEW QUESTION # 14
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?

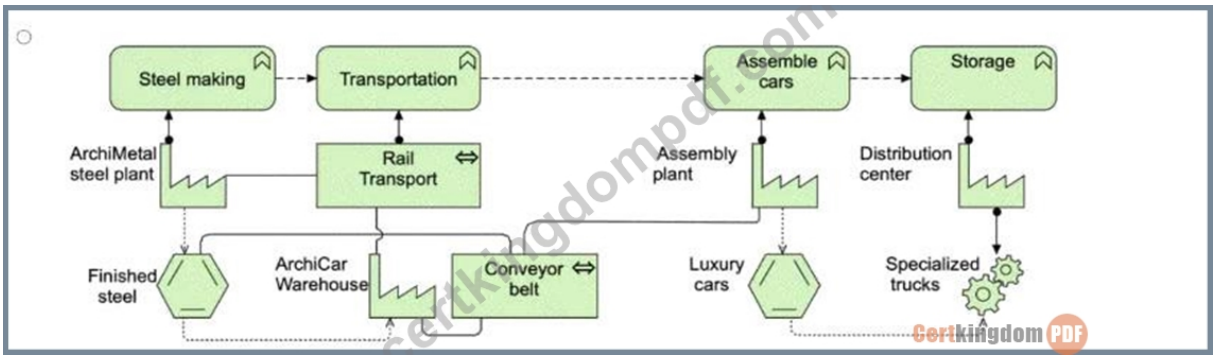
- A.

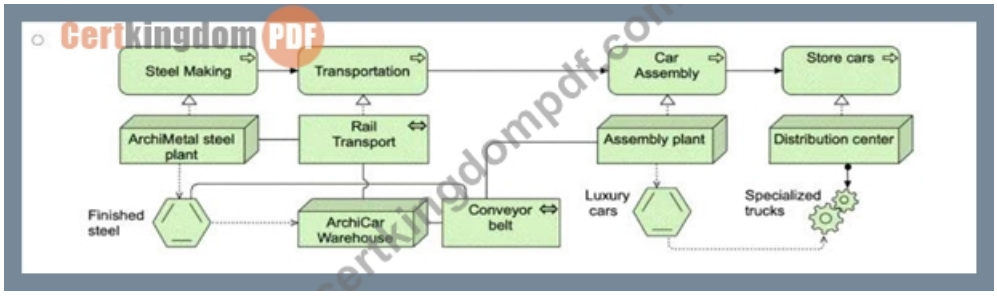


- B.



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



- D. 

Answer: B

Explanation:
In this scenario, the task is to model theend-to-end technology processesatArchiCar, 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 byrailfrom theArchiMetal steel plantto ArchiCar's warehouse.
* Storage:Thefinished steelis stored in theArchiCar Warehouseuntil it is required for the assembly process.
* Car Assembly:Theconveyor beltmoves the steel from the warehouse to theassembly plant, where cars are assembled on automated lines.
* Transportation (Specialized Trucks):Once assembled, the cars are transported to adistribution centerusingspecialized 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 assemblyplant 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 fullprocess flowfrom 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 Dprovides a clear and accurate representation of theend-to-end processas described in the scenario.
* It begins with thesteel-making processat theArchiMetal steel plantand follows through with the transportation of thefinished steelto thewarehousebyrail transport.
* The process of moving steel via theconveyor beltfrom the warehouse to theassembly plantfor car manufacturing is clearly depicted.
* Once cars are assembled, they are transported to thedistribution centerusingspecialized trucksand are then stored until delivery, completing theend-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 Ais incorrect because it misses some key elements of the process. It does not fully clarify the role of thewarehouseor how the finished steel is transported between locations.
* Option Bmisrepresents the process flow, particularly the storage and assembly process. The connection between steel production and car assembly is not as clearly illustrated.
* Option Calso 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 Dis the best answer because it provides the most complete and clear description of theend-to-end technology processesat 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.

NEW QUESTION # 15
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