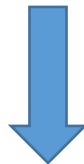


VMware VCAP6-DCV Design Certification 3V0-622 Exam



- **Vendor: VMware**
- **Exam Code: 3V0-622**
- **Exam Name: VMware Certified Advanced Professional 6 - Data Center
Virtualization Design Exam**

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NEW QUESTION 1

Drag and Drop

You have been provided with a list of requirements for a vSphere Design. For each requirement, categorize the requirement as a component of the WRT, RTO, RPO, MTD, and Recoverability. Drag a requirement button (R1-R8) over to the green space provided beside the corresponding Design Phase.

Requirement	Design Phase
R1 Determines the maximum acceptable amount of data loss measured in time.	WRT (Work Recovery Time)
R2 Determines the maximum tolerable amount of time needed to bring all critical systems back online	RTO (Recovery Time Objective)
R3 Determines the maximum tolerable amount of time that is needed to verify the system and/or data integrity	RPO (Recovery Point objective)
R4 Defines the total amount of time that a business process can be disrupted without causing any unacceptable consequences	MTD(Maximum Tolerable Downtime)
R5 Is how easy to recover infrastructure/services from a failure	Recoverability

Answer:

Requirement		Design Phase	
R1	Determines the maximum acceptable amount of data loss measured in time.	R3	WRT (Work Recovery Time)
R2	Determines the maximum tolerable amount of time needed to bring all critical systems back online		
R3	Determines the maximum tolerable amount of time that is needed to verify the system and/or data integrity	R2	RTO (Recovery Time Objective)
R4	Defines the total amount of time that a business process can be disrupted without causing any unacceptable consequences	R1	RPO (Recovery Point objective)
R5	Is how easy to recover infrastructure/services from a failure	R4	MTD(Maximum Tolerable Downtime)
		R5	Recoverability

NEW QUESTION 2

Drag and Drop

You have been tasked with creating a vSphere 6.x center design for an organization. The organization is currently evaluating vSphere network technologies that can be utilized with their existing infrastructure. Evaluate each statement provided through requirements gathering and determine the network technologies that can be used to meet that requirement. The technology(s) chosen should be limited to what is needed to meet, but not exceed, the given requirement. Match Statements on the left by dragging the red buttons (S1-S6) over the text of the appropriate Solution. (NOTE: Statements can match more than one Solution or none at all.)

Statement	Solution
S1 The design should be able to support six ESXi hosts, four portgroups, vMotion, and iSCSI.	vSphere Standard Switch
S2 We plan to add ten additional VLANs to our physical network to allow communication to our remote office over a site-to-site VPN.	vSphere Distributed Switch
S3 We plan to utilize Link Aggregation in the future, and integrate traffic monitoring into our existing NetFlow configuration.	VMware NSX
S4 We would like to load balance our VM traffic, and we want to segment traffic with separate gateways for hosted customers.	PVLANS
S5 We want to determine if our infrastructure can support virtual machine migration over long distance.	Multiple TCP/IP Stacks
S6 We would like to gain greater control over our individual traffic types, and are thinking of adding Network I/O Control to the design.	

Answer:

Statement	Solution
S1 The design should be able to support six ESXi hosts, four portgroups, vMotion, and iSCSI.	vSphere Standard Switch S5
S2 We plan to add ten additional VLANs to our physical network to allow communication to our remote office over a site-to-site VPN.	vSphere Distributed Switch S1 S3
S3 We plan to utilize Link Aggregation in the future, and integrate traffic monitoring into our existing NetFlow configuration.	VMware NSX S2
S4 We would like to load balance our VM traffic, and we want to segment traffic with separate gateways for hosted customers.	PVLANS S4
S5 We want to determine if our infrastructure can support virtual machine migration over long distance.	Multiple TCP/IP Stacks S6
S6 We would like to gain greater control over our individual traffic types, and are thinking of adding Network I/O Control to the design.	

NEW QUESTION 3

Drag and Drop

You have been tasked with creating a vSphere 6.x data center design for an organization. The organization is evaluating various design options and their impact on the design. For each design option, determine the design characteristic that would be affected by utilizing the option. Match each Design Option on the left to the Characteristic on the right by dragging the red button (O1-O5) over the text of the appropriate Characteristic. (NOTE: Design Options can be mapped to more than one Characteristic or none at all.)

Design Option	Characteristic
O1 Fewer large servers, fully populated with compute resources	Availability
O2 Many servers with partially populated compute resources	Manageability
O3 A fully-redundant physical switching topology	Performance
O4 An off-site, cloud-based backup solution	Recoverability
O5 An on-site, encrypted backup solution	Security

Answer:

Design Option	Characteristic
O1 Fewer large servers, fully populated with compute resources	Availability O2 O3
O2 Many servers with partially populated compute resources	Manageability O1
O3 A fully-redundant physical switching topology	Performance O5
O4 An off-site, cloud-based backup solution	Recoverability O1 O3
O5 An on-site, encrypted backup solution	Security O4

NEW QUESTION 4

Correct Text

Customer Requirements:

You have been tasked with creating a vSphere 6.x data center design for an organization. The organization wants three defined virtual machine performance levels:

- Gold Tier - High workload VMs
- Silver Tier - Medium workload VMs
- Bronze Tier - Development workload VMs

The organization has eight ESXi hosts that can be used in the design. Five of the hosts are older "medium performance" hosts, while the last 3 are newer "high performance" hosts that provide better resources when compared to the other hosts. The organization has provided a list of requirements that the design must meet:

- Gold Tier virtual machines should run only on high performance servers, unless no high performance servers are available. They should also be allocated 75% of overall available resources regardless of placement.
- Silver Tier virtual machines should run only on medium performance servers, unless no medium performance servers are available. They should

also be allocated 25% of overall available resources regardless of placement.

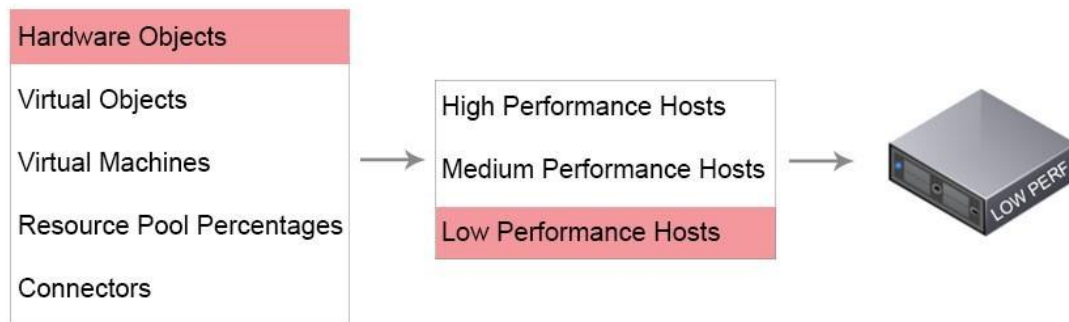
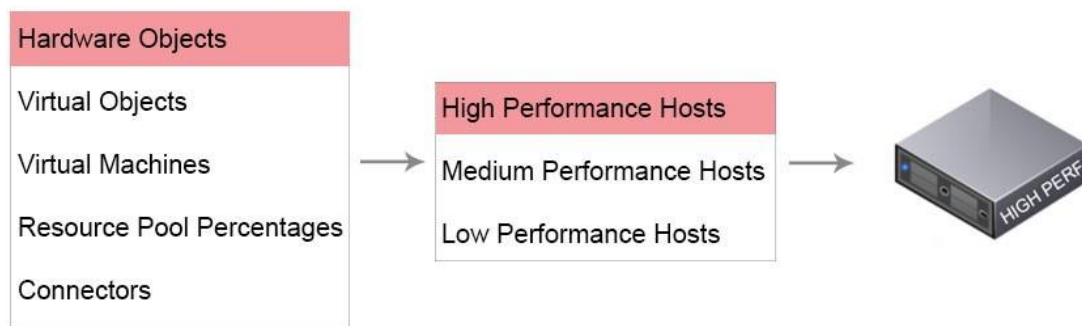
- Bronze Tier virtual machines should run only on medium performance servers. They should also receive a 35% subset of resources from those allocated to the Silver Tier.

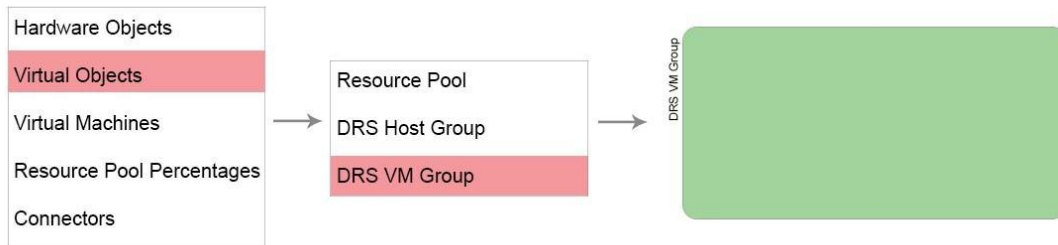
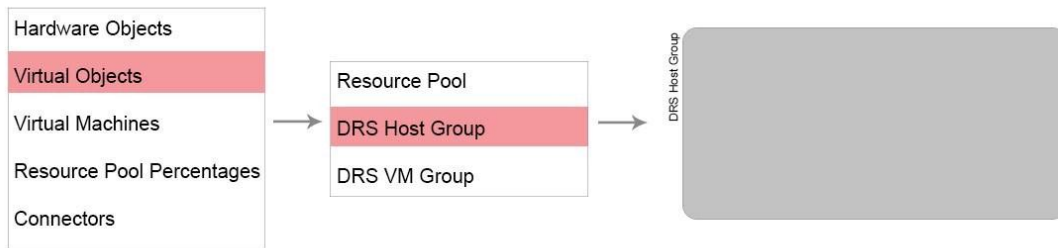
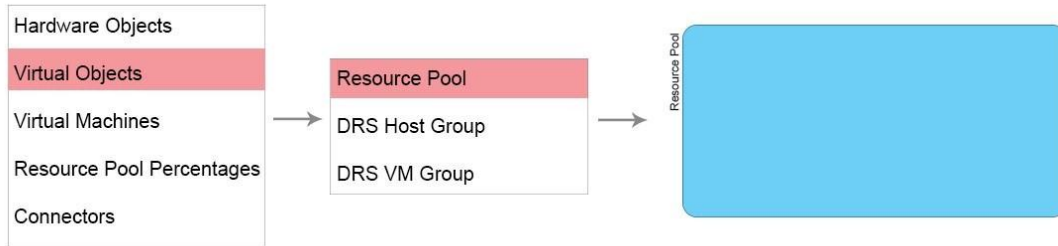
Design Requirements:

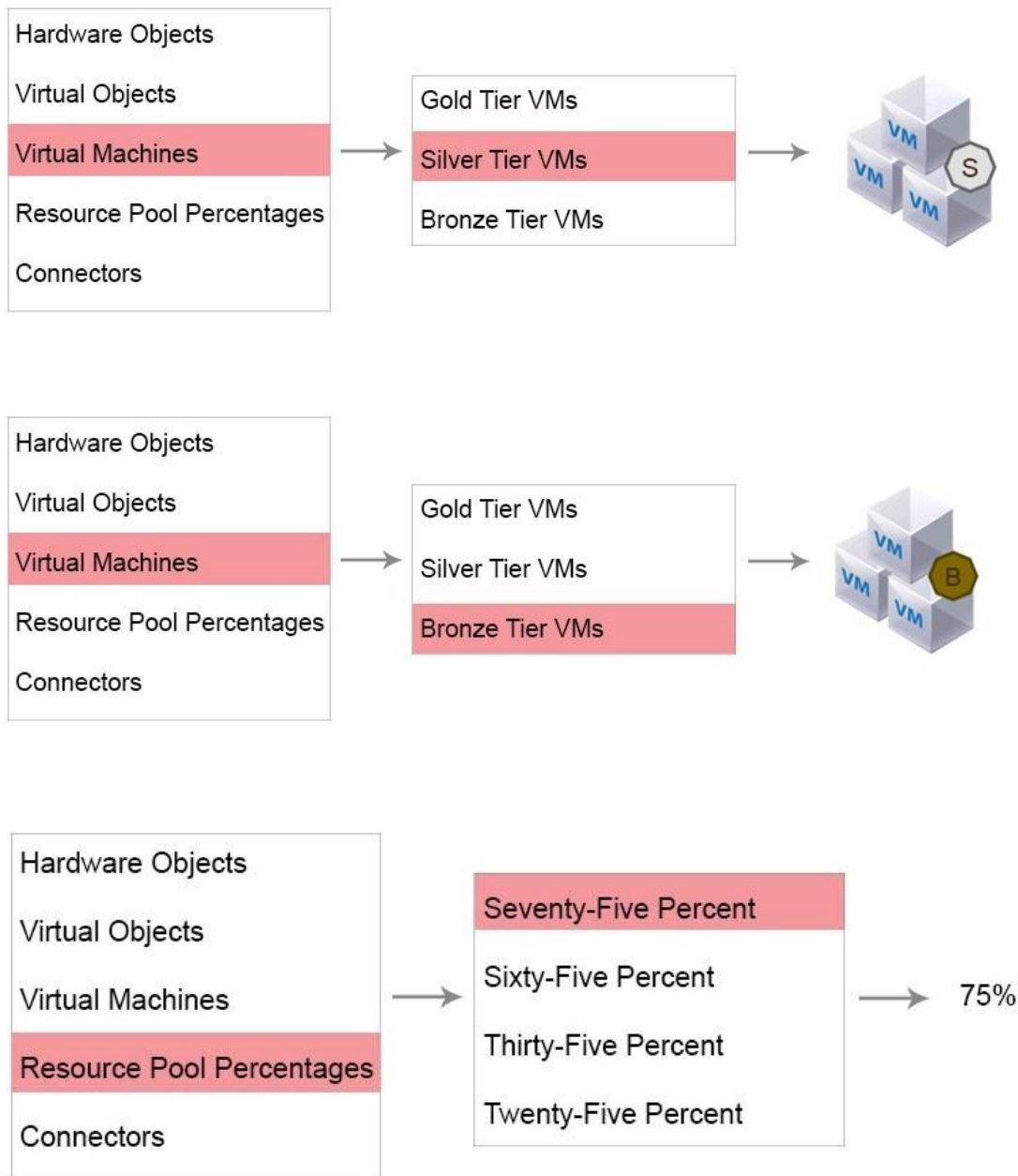
Create a logical design that shows resource allocation and cluster policies needed to meet the customer's requirements. The design should include:

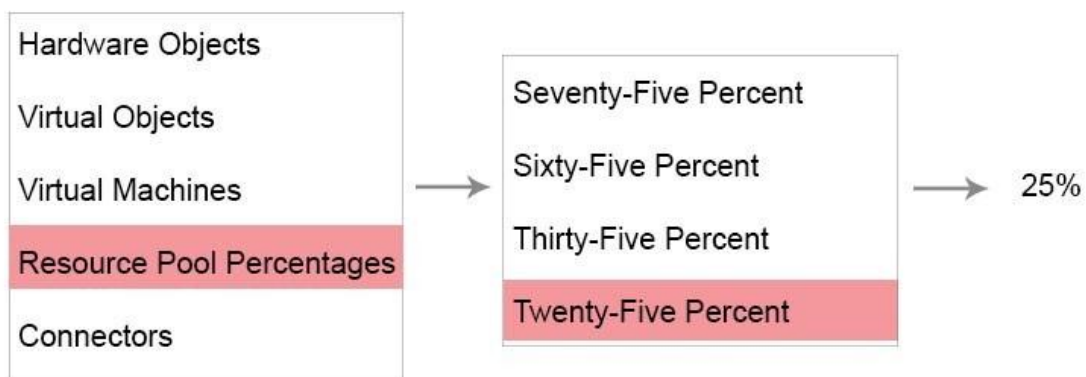
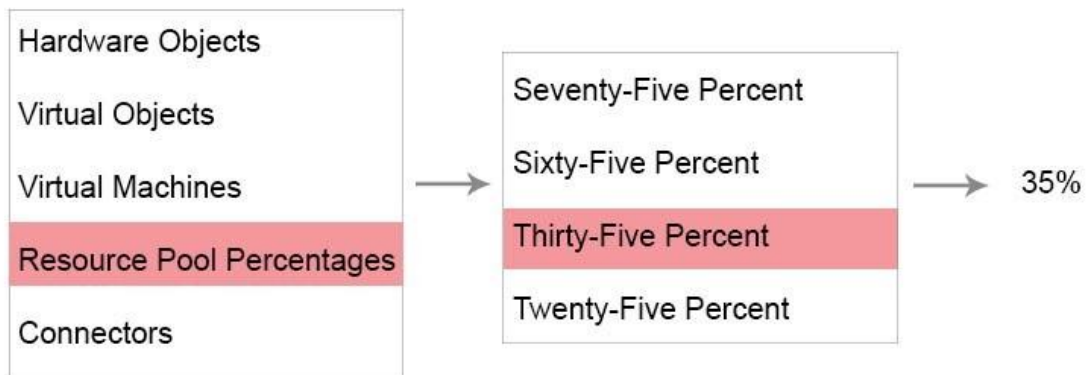
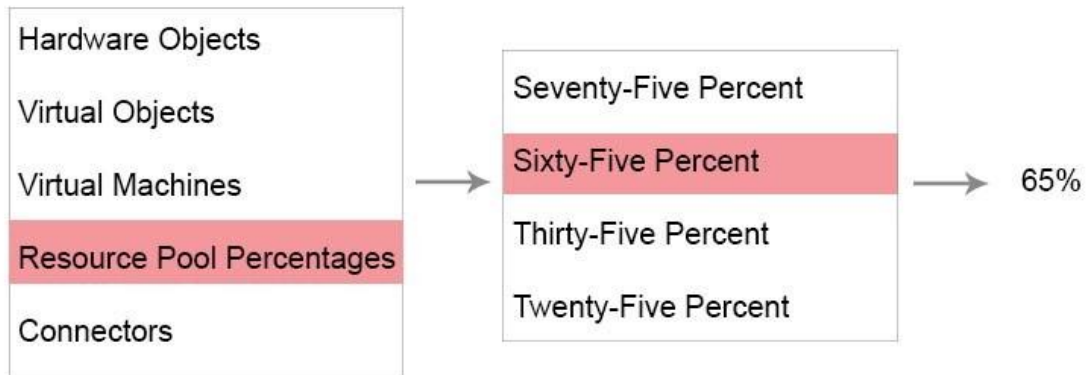
- All required server(s)
- All required resource(s)

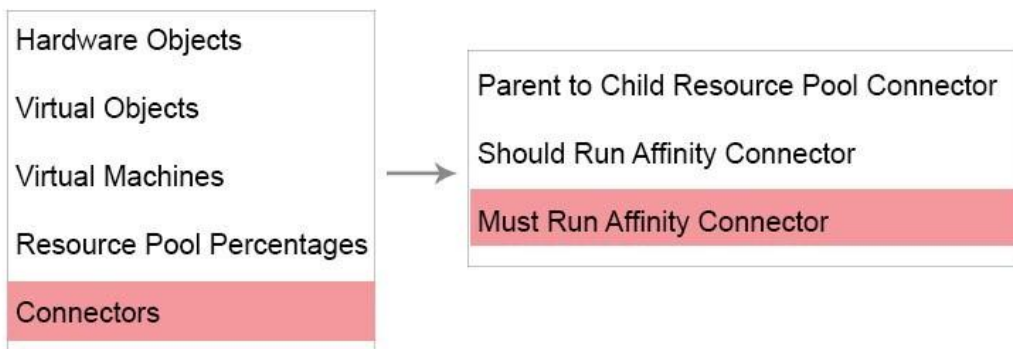
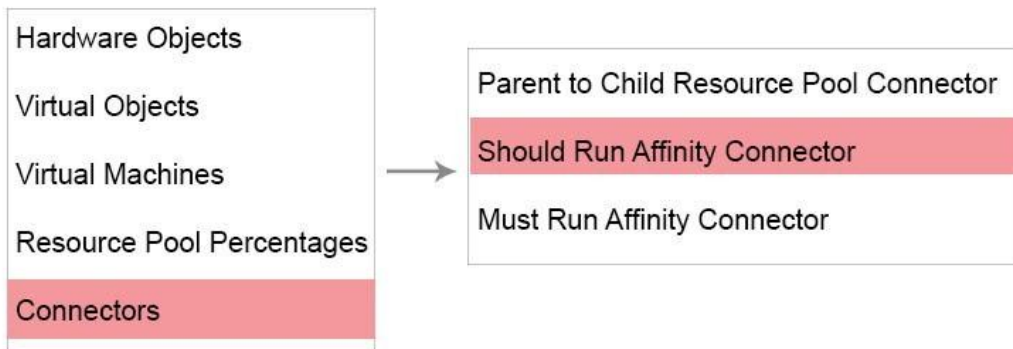
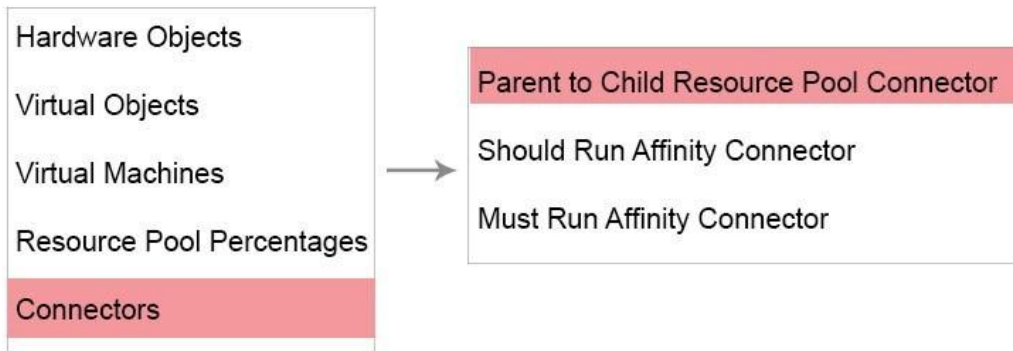
Place host(s) in the required DRS group(s). Place virtual machines in the appropriate resource pool(s). Connect parent to child resource pool connector(s) where needed. Connect the appropriate affinity connector(s) where needed.





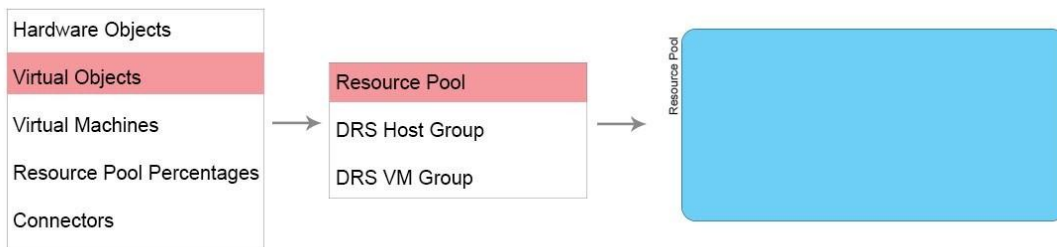






Answer:

Check below for answer solution:



Hardware Objects
Virtual Objects
Virtual Machines
Resource Pool Percentages
Connectors



Gold Tier VMs
Silver Tier VMs
Bronze Tier VMs



Hardware Objects
Virtual Objects
Virtual Machines
Resource Pool Percentages
Connectors



Seventy-Five Percent
Sixty-Five Percent
Thirty-Five Percent
Twenty-Five Percent

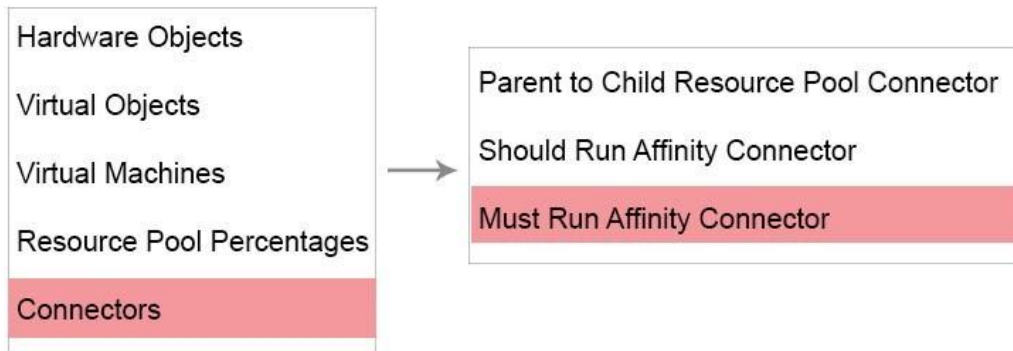


35%

Hardware Objects
Virtual Objects
Virtual Machines
Resource Pool Percentages
Connectors



Parent to Child Resource Pool Connector
Should Run Affinity Connector
Must Run Affinity Connector



NEW QUESTION 5

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