[2022 Pass EMC DES-1221 Exam Updated 62 Questions [Q32-Q50
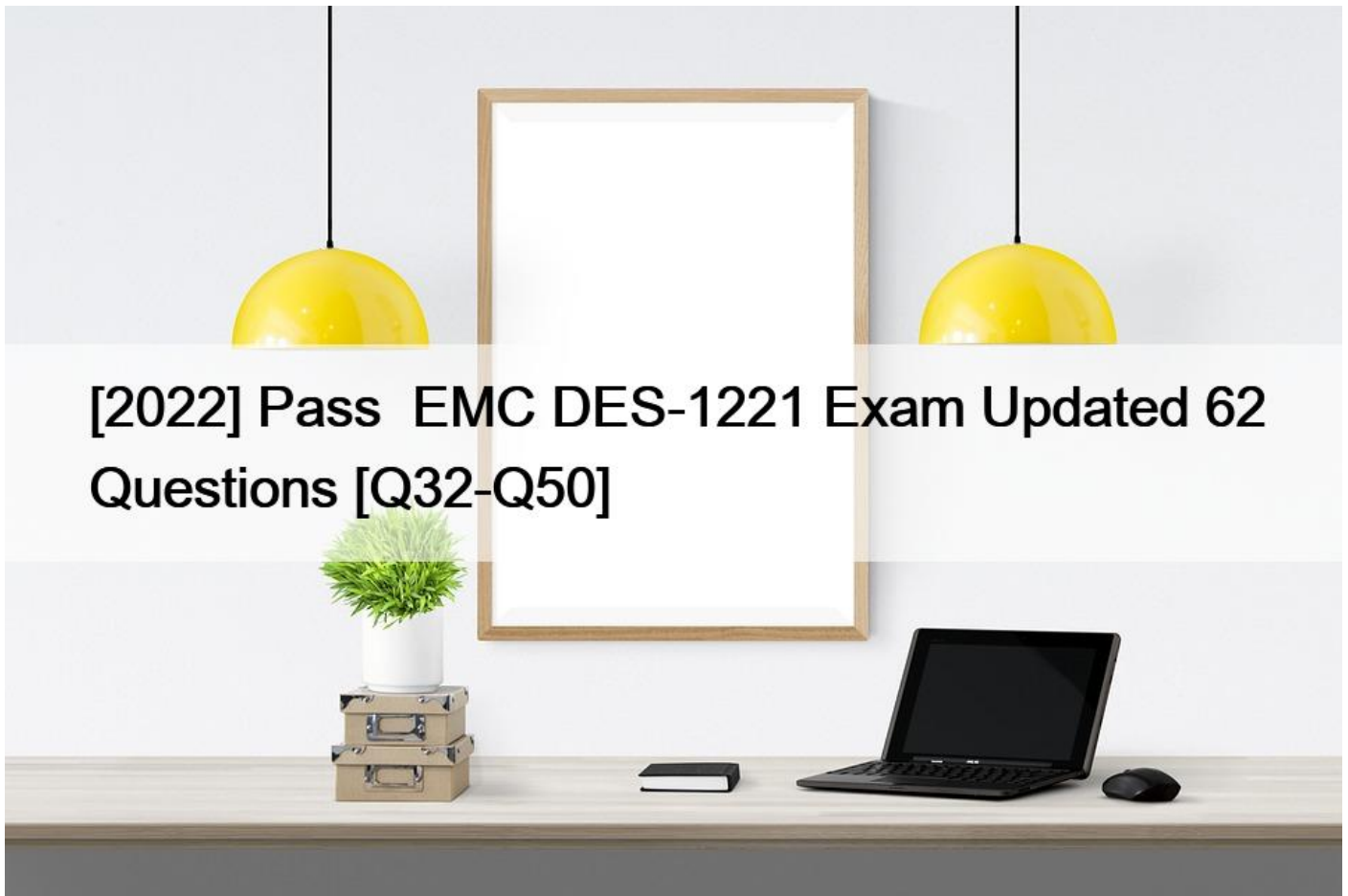

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Study Guides for DES-1221 Exam

There are official PDF guides and technical whitepapers that provide coverage on differing features of PowerStore and help one get ready for DES-1221 test. One of them is the ?Dell EMC PowerStore: Introduction to the Platform? material that targets storage architects, IT administrators, and Dell employees and partners. Also, those doing evaluation, acquisition, management, operation, or designing of Dell networked storage surroundings while using PowerStore systems can undergo it. This small document contains PowerStore overview, hardware overview, PowerStore models, and more.

Another helpful resource to guide you during preparation for DES-1221 is the ?Best Practices Guide? also created by Dell Technologies. It captures the most updated techniques and tips applied during the installation and configuration of the PowerStore systems to enable performance as well as availability at the optimal level.

NO.32 Which network is used by the PowerStore for communication to the cluster database?

* inter-node
* ICM
* IDN

* ICD

Reference: https://www.dell.com/support/manuals/en-pk/powerstore-1000t/pwrstr-ntwk-plang/powerstore-t-model-appliance-networks?guid=guid-97a3e988-c1bc-4f51-a445-3af23f19da1b

NO.33 Match the CLI command to the appropriate configuration.

Configuration	Command
Ensure the switch has precedence	#(conf-vlt-1) discovery-interface ethernet 1/1/55-1/1/56
Configure a switch as a VLT backup	#(conf-range-eth1/1/55-1/1/56) no switchport
Add VLTi ports to a VLTi domain	# copy running-configuration startup-configuration
Commit and save configuration	#(conf-vlt-1) backup destination 172.17.57.30
Disable L2 Mode on a VLTi interface	#(conf-vlt-1) primary-priority 1

Configuration	Command
Ensure the switch has precedence	Add VLTi ports to a VLTi domain
Configure a switch as a VLT backup	Disable L2 Mode on a VLTi interface
Add VLTi ports to a VLTi domain	Commit and save configuration
Commit and save configuration	Configure a switch as a VLT backup
Disable L2 Mode on a VLTi interface	Ensure the switch has precedence

Explanation

Configuration	Command
	Add VLTi ports to a VLTi domain
	Disable L2 Mode on a VLTi interface
	Commit and save configuration
	Configure a switch as a VLT backup
	Ensure the switch has precedence

NO.34 What does the remote replication Failover operation do?
* Fully synchronizes the source and destination data states and reverses the replication direction
* Fully synchronizes the source and destination data states and stops the current replication session
* Promotes the destination system to production with its replica data consistent to the last successful RPO synchronization state
* Promotes the destination system to production and resets the RPO synchronization cycle in the protection policy
Explanation/Reference:
https://www.dell.com/support/manuals/en-pk/powerstore-25-dae/pwrstr-protect-data/replication?guid=guid-7641aeec-982e-4e4e-85f
b-c50f525635db&lang=en-us

NO.35 An administrator received the following alert from PowerStore regarding a previously created NAS server?

Description:

The SMB server of the NAS server PowerStore_NAS_01 is configured to be joined to the domain test.mid, but is currently not
joined.

Which setting should the administrator change?
* UDS
* SMB
* LDAP
* NTP
Reference:

https://www.dell.com/support/article/en-pk/sln317202/powerstore-alerts-smb-server-alerts?lang=en

NO.36 A customer is new to PowerStore and asks if there are any differences between the A and B back-end ports.

What is the correct response?
* All ports on the base enclosure are input ports
* All ports on the base enclosure are output ports
* “A” ports are input ports and “B” ports are output ports
* “A” ports are output ports and “B” ports are input ports

NO.37 A PowerStore T administrator discovers that only one port on each node is active and passing traffic. The other port is
healthy and online, but total bandwidth is only half of what the customer expects. Which action could resolve the issue?
* Configure VLT and Link Aggregation Control Protocol
* Implement VLT and Dynamic Link Aggregation Group
* Configure Link Aggregation Control Protocol and Dynamic Link Aggregation Group
* Implement Dynamic Link Aggregation Group
Reference: https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/storage/h18157-
dell-emc-powerstore-clustering-high-availability.pdf

NO.38 Which API does PowerStore use to communicate with ESXi server during vVols provisioning operation?
* REST
* SOAP
* VAAI
* VASA
Explanation

VASA is a VMware-defined API meant to provide a common way for VMware to integrate with storage vendors. The API is implemented using an out-of-band, Simple Object Access Protocol (SOAP) over HTTPS.

Reference: https://volumes.blog/2020/05/06/what-is-powerstore-part-4-vvols/

NO.39 A protection policy with snapshot and replication rules is applied to a file system. What is the result?
* Applying the protection policy to the file system fails
* Replication rules get ignored and only snapshot rules get applied
* Both replication and snapshot rules get applied
* Snapshot rules get ignored and only replication rules get applied
Reference: https://www.dell.com/support/manuals/en-pk/powerstore/pwrstr-protect-data/data-protection-in-powerstore?guid=guid-19c6d0e1-fa20-4fb5-9983-61c17abaf21b&lang=en-us

NO.40 An administrator received the following alert from PowerStore regarding a previously created NAS server?

Description:

The SMB server of the NAS server PowerStore_NAS_01 is configured to be joined to the domain test.mid, but is currently not joined.

Which setting should the administrator change?
* UDS
* NIS
* LDAP
* NTP

NO.41 An administrator has performed the Cutover operation for an import session from a VNX2 source storage system.

What is a result of the operation?
* Host is removed from the VNX2 Storage Group
* Imported LUN is removed from the VNX2 Storage Group
* Storage Group containing the imported LUN is deleted
* Imported LUN is deleted from the VNX2
Explanation/Reference: https://laptrinhx.com/what-is-dell-emc-powerstore-part-7-importing-external-storage-

146661351/

NO.42 What is a requirement for the Import External Storage migration feature?
* PowerStore Global Storage Discovery IP address must be configured
* PowerPath host-based multipathing software
* PowerStore LACP bonded ports are tagged for replication
* Direct Fibre Channel connections between storage systems
Reference:

https://www.dell.com/support/manuals/en-pk/powerstore-1000/pwrstr-import/general-requirements-for-importing-data?guid=guid-3b7c512c-55c4-43cc-9b57-3d22eaa85d5c&lang=en-us

NO.43 What does the remote replication Failover operation do?
* Fully synchronizes the source and destination data states and reverses the replication direction

* Fully synchronizes the source and destination data states and stops the current replication session
* Promotes the destination system to production with its replica data consistent to the last successful RPO synchronization state
* Promotes the destination system to production and resets the RPO synchronization cycle in the protection policy
Reference: https://www.dell.com/support/manuals/en-pk/powerstore-25-dae/pwrstr-protect-data/replication?

guid=guid-7641aeec-982e-4e4e-85fb-c50f525635db&lang=en-us

NO.44 A PowerStore T cluster has 3 appliances. Users are unable to access NAS services. What might be the issue?
* Master appliance is off-line
* NAS appliance failover is incorrectly configured
* Trial license is expired
* Resource balancer service has failed

NO.45 What describes the Import External Storage feature?
* An external plugin feature for hosts to tune application workload IO on PowerStore NVMe based storage
* A native network configuration feature of PowerStore that configures external Ethernet switching for PowerStore installation
* A feature external to PowerStore that orchestrates vMotion movement of virtual machines onto PowerStore X systems
* A native data migration feature of PowerStore that imports external block storage to PowerStore
Reference: https://www.dell.com/support/manuals/en-pk/powerstore-1000/pwrstr-import/importing-external-
storage-to-powerstore-overview?guid=guid-6fef77c4-d4c9-49c6-8de2-efd67aa52ca5

NO.46 What is the correct power up sequence for a PowerStore?
* 1. Base Enclosure Node B, 2. Base Enclosure Node A, 3. Expansion Enclosure
* 1. Base Enclosure, 2. Expansion Enclosure
* 1. Base Enclosure Node A, 2. Base Enclosure Node B, 3. Expansion Enclosure
* 1. Expansion Enclosure, 2. Base Enclosure
Reference: https://www.dell.com/support/manuals/en-pk/powerstore/pwrstr-pwdwn-reboot/power-on-a-
powerstore-t-model-appliance?guid=guid-1a60464d-b2e6-45bf-86a1-d5ab5f716361&lang=en-us

NO.47 Which ports are recommended for use as the interconnect between the two Dell supplied Data Switches connected to
PowerStore?
* Two 10 GigE
* Two 25 GbE
* Two 100 GigE
* Four 1 GbE
Reference:

https://www.delltechnologies.com/en-us/collaterals/unauth/white-papers/products/storage/h18241-
dell-emc-powerstore-best-practices-guide.pdf (12)

NO.48 What is the maximum number of snapshot rules per cluster?
* 8
* 16
* 32
* 64
Reference: https://www.delltechnologies.com/da-dk/collaterals/unauth/data-sheets/products/storage/h18143-
dell-emc-powerstore-family-spec-sheet.pdf

NO.49 What describes the process used in the Import External Storage migration architecture?
* Orchestrator on PowerStore communicates over the control path to the host plugin and controls the multipathing active path to

storage

* Plugin on PowerStore communicates over the control path to orchestrator on the host and controls the multipathing active path to storage

* Orchestrator on PowerStore communicates over the data path to the host plugin and controls the multipathing active path to storage

* Plugin on PowerStore communicates over the data path to orchestrator on the host and controls the multipathing active path to storage

NO.50 How is the upgrade process on a multi-appliance cluster run?

* Master appliance primary node first, then the peer node
* On one node at a time
* On all primary nodes first, then peer nodes
* In parallel on all nodes

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https://www.braindumpsit.com/DES-1221_real-exam.html]