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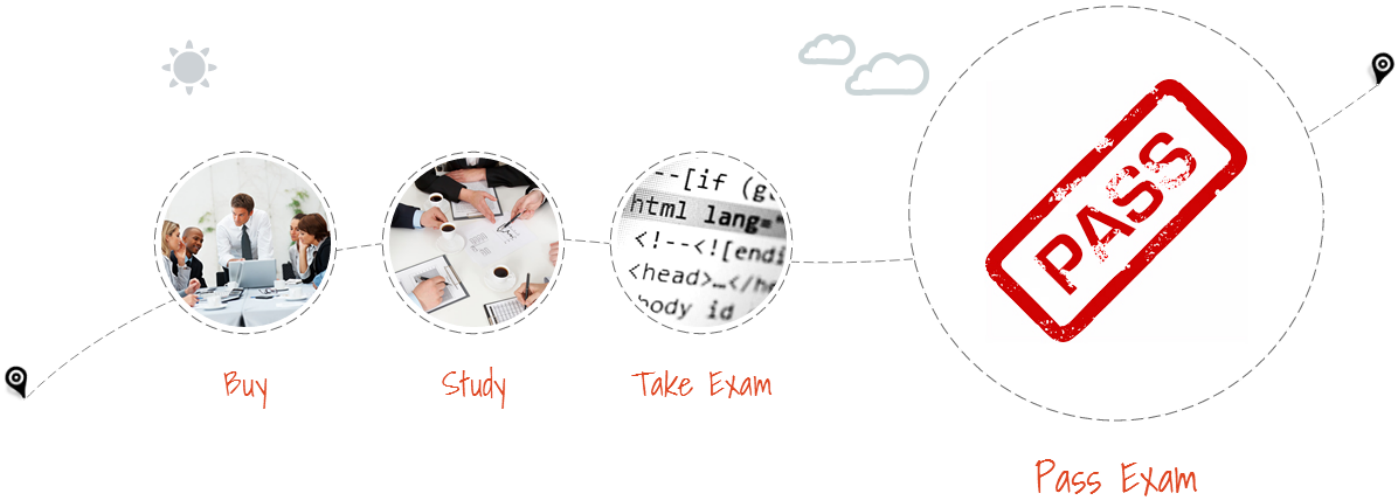

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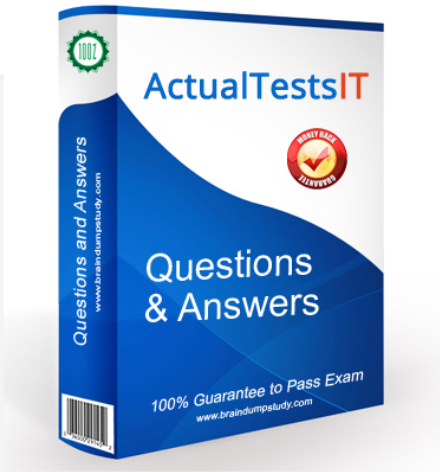

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Exam : HH0-450

Title : Hitachi Data Systems Storage Architect-Hitachi NAS Platform

Vendors : Hitachi

Version : DEMO

NO.1 A customer has a Hitachi NAS Platform 3100 cluster dual fabric attached to a Hitachi AMS 2000 Family
storage system in a fault tolerant configuration containing multiple EVSs.. What would cause all of the
EVSs to fail?
A. The preferred SD path fails.
B. An AMS controller fails.
C. The SIM blade fails.
D. A SAN switch fails.
Answer: C

NO.2 A customer environment consists of a Hitachi NAS Platform 3090 cluster connected to a Hitachi
AMS2500 with SATA disk drives in RAID-6 configuration. The customer is using this solution primarily for
data backup and is expecting optimal write performance and optimal reliability. Which "SATA Write &
Compare" mode should be used?
A. SATA Write & Compare Full
B. SATA Write & Compare Enabled
C. SATA Write & Compare Disabled
D. SATA Write & Compare Optimal
Answer: B

NO.3 A customer has a Hitachi AMS2100 attached to a 2-node Hitachi NAS Platform 3090 cluster. They
initially purchased 15 TB and have just purchased an additional 5 TB. They now need to expand their
existing storage pools. What must be considered when expanding the storage pools.?
A. All system drives must be of the same size in terms of capacity.
B. All system drives must be offline.
C. All system drives must be in the same system drive group.
D. All storage pools must be offline.
Answer: A

NO.4 When configuring iSCSI initiators, which two must be configured to facilitate dynamic target (server)
discovery from the Hitachi NAS platform? (Choose two.)

A. the iSCSI LUN
B. the iSCSI target portal
C. the iSCSI IQN
D. the iSNS
Answer: B,D

NO.5 A customer must have 24/7 uptime on their Hitachi NAS Platform 4-node 3200 cluster. They need to
complete a major upgrade on each of the 4 nodes and must have a method of failing over their production
services to a non-production cluster. Which two topics must be discussed with the customer prior to the
major upgrade? (Choose two.)
A. automatic failover using HiTrack
B. the purchase of a backup cluster
C. establishing a Server Farm
D. use of MPIO for failover
Answer: B,C

NO.6 Your customer is planning to purchase a Hitachi NAS Platform model 3200 cluster. Which type of
optical 10 GbE interface will they need for their network switches?
A. Twinax
B. XENPAK
C. SFP+
D. XFP
Answer: D

NO.7 A customer is planning to use the JetMirror functionality on their Hitachi NAS Platform. Which two are
required from the customer to plan the implementation? (Choose two.)
A. the size of the storage pools in use
B. the number of files used
C. the distance to the destination system
D. if systems are managed by a common SMU
Answer: C,D

NO.8 You are asked to design a Hitachi NAS Platform solution for a customer with existing

Hitachi storage
systems installed. The existing storage and SAN infrastructure should be used wherever possible. Which
two can be re-used? (Choose two.)
A. spare Qlogic 2310 HBAs
B. Fibre Channel switches
C. Hitachi AMS500 storage systems
D. Hitachi 7700E storage systems
Answer: B,C

NO.9 A customer has a heterogenous server and desktop operating systems environment. Users are
experiencing authentication issues across multiple OS platforms. Which business-related qualifiers are
relevant for designing a Hitachi NAS Platform solution to resolve these issues?
A. backup window and SLAs
B. type of external authentication
C. number of concurrent sessions/users
D. type of users' tasks and responsibilities
Answer: B

NO.10 Why should you set superflush in a Hitachi NAS Platform?
A. to improve read performance
B. to improve write performance
C. to flush data from the NVRAM to the sector cache
D. to flush data from the sector cache to the storage system
Answer: B

NO.11 A customer with a Hitachi NAS Platform 3100 wants to implement anti-virus scanning. In which Hitachi
NAS Platform related document do you find information about supported anti-virus scan engine software?
A. the Access Control List (ACL)
B. the Administration Guide
C. the Independent Software Vendor (ISV) list
D. the Hardware Compatibility List (HCL)
Answer: C

NO.12 The administrator of a production Hitachi NAS Platform connected to a Hitachi AMS2300 requires file
level replication to another Hitachi NAS Platform. However, there is a concern over the large numbers of
files and about the high change rate as the replication time window is small. What should be done to
reduce the replication time?
A. Use Transfer Primary Access.
B. Use the changed directory list option.
C. Migrate the admin EVS to the node replicating the data.
D. Create an additional IP address on the source EVS.
Answer: B

NO.13 A customer wants to discuss manual site failover design. The solution design must guarantee the
replication of file system snapshots. What should the customer use?
A. TrueCopy
B. Intelligent Data Replication
C. Incremental Data Replication
D. Transfer Primary Access
Answer: A

NO.14 You are designing a Hitachi NAS Platform solution to migrate files to a Hitachi Content Platform (HCP).
Which configuration method must be used?
A. Use the connector wizard.
B. Use the CLI command xvl-path-add.
C. Use the CLI command external-path-add.
D. Use the CLI command migration-add-external-path.
Answer: D

NO.15 Which three documents are required deliverables as part a Hitachi NAS Platform data migration service?
(Choose three.)
A. the file system migration workbook
B. the network topology diagram
C. the NAS service workbook
D. the NAS migration hardware configuration sheet

E. the hardware inventory sheet
Answer: A,C,D

NO.16 A customer wants to use the data migration function with their Hitachi NAS Platform. Which three
criteria are used by this function? (Choose three.)
A. by last access
B. by source file system block size
C. by file name
D. by path
E. by protocol type
Answer: A,C,D

NO.17 A customer is running a multimedia based application and is looking for a Hitachi NAS Platform 3200
solution that is capable of generating 2 GB/s throughput using the NFS protocol. They will reuse an
existing Hitachi USP V and attach it behind the Hitachi NAS Platform. What information should you gather
before designing a solution meeting the customer's business requirements? (Choose two.)
A. percentage of read and writes
B. number of file systems
C. NIS server details
D. number of FEDs and BEDs
Answer: A,D

NO.18 The administrator of a production Hitachi NAS Platform 3200 wants to maximize potential performance
and fault tolerance to an attached Hitachi USP V storage system. Which configuration should be used?
A. Use hports 1, 2, 3 and 4 of the Hitachi NAS Platform to connect to different FED ports on cluster 1 of
the USP V.
B. Use hports 1, 2, 3 and 4 of the Hitachi NAS Platform to connect to FEDs on cluster 1 and cluster 2 of
the USP V.
C. Use hports 4, 5, 6 and 7 of the Hitachi NAS Platform to connect to different FED ports on cluster 1 of

the USP V.
D. Use hports 1, 3, 5 and 7 of the Hitachi NAS Platform to connect to FEDs on cluster 1 and cluster 2 on
the USP V.
Answer: D

NO.19 A production Hitachi NAS Platform is connected to a Hitachi VSP with a storage pool consisting of SATA
drives. To improve performance, the customer wants to migrate to SAS drives on an externalized Hitachi
AMS2300 with minimal customer involvement and minimal impact to the system and users. Which two
products should be deployed? (Choose two.)
A. Hitachi Universal Replicator
B. Hitachi Tiered Storage Manager
C. Hitachi Device Manager
D. Hitachi Tuning Manager
Answer: B,C

NO.20 Your customer is planning a disaster recovery site and they need to know the form factors of the
Hitachi NAS Platform models for physical planning purposes. Which two statements are correct ?
(Choose two.)
A. The 3090 fits into a 19 inch rack and is 3 rack units high.
B. The 3080 fits into a 19 inch rack and is 2 rack units high.
C. The 3200 fits into a 19 inch rack and is 4 rack units high.
D. The 3090 and 3100 fit into a 19 inch rack and are of the same height.
Answer: A,C