

# Hitachi

## Exam HH0-250

### Hitachi Data Systems Implementer File Services-NAS

Version: 6.0

[ Total Questions: 120 ]

**Question No : 1 - (Topic 0)**

A large movie production studio approaches an HDS sales team with a request to build a large rendering farm. Their environment consists of UNIX and Linux operating systems. They want the servers to access a Hitachi NAS Platform. Which file service would have to be enabled to allow access?

- A. SSH
- B. WebDAV
- C. HTTP
- D. NFS

**Answer: D**

**Question No : 2 - (Topic 0)**

Which two advanced networking features can be used to optimize network throughput within the Hitachi NAS Platform? (Choose two.)

- A. jumbo frames
- B. Cisco Port Aggregation Protocol (PAgP)
- C. 802.3ad Link Aggregation Control Protocol (LACP)
- D. 802.1d Spanning Tree Protocol

**Answer: A,C**

**Question No : 3 - (Topic 0)**

What are two benefits of the Clustered Name Space (CNS) feature of the Hitachi NAS Platform file system? (Choose two.)

- A. With CNS, network access to configured storage resources can be made through a single CIFS share or NFS export.
- B. CNS provides the mechanism for automatic load balancing.
- C. CNS virtualizes network resources, allowing multiple nodes in a cluster to appear as a single node.
- D. CNS virtualizes storage resources, allowing multiple file systems to appear as a single large file system.

**Answer: A,D**

**Question No : 4 - (Topic 0)**

A customer wants to use Hitachi NAS Platform snapshots and asks you about file system space usage. Which two statements describe the file system space utilization when using snapshots? (Choose two.)

- A. The snapshot technique uses Copy-on-Write (CoW).
- B. The snapshot delta data is in the same file system area as the live data.
- C. The delta data is first copied to a differential volume before data is modified in the live file system.
- D. When live data is not modified, the snapshot does not consume any space.

**Answer: B,D**

**Question No : 5 - (Topic 0)**

You are upgrading from a Hitachi NAS Platform model 3080 to model 3100. Which two configuration parameters might be affected? (Choose two.)

- A. mount and share parameters
- B. Fibre Channel fabric zoning
- C. replication policies
- D. LUN security in the secure storage domains

**Answer: B,D**

**Question No : 6 - (Topic 0)**

You are implementing a Hitachi NAS Platform into a customer environment. The customer will implement anti-virus scanning on their system. Which protocol is supported by the Hitachi NAS Platform for communication with the anti-virus servers?

- A. Remote Procedure Call (RPC)
- B. Network File System (NFS)
- C. NAS Security Protocol (NSP)

**D. File Transfer Protocol (FTP)****Answer: A****Question No : 7 - (Topic 0)**

Which Fibre Channel (FC) speed settings are supported on the Hitachi NAS Platform host ports?

- A. The FC host ports support 1 Gb, 2 Gb, or 4 Gb, where 1 Gb is the default.
- B. The FC host ports support 1 Gb, 2 Gb, or 4 Gb, where 2 Gb is the default.
- C. The FC host ports support 1 Gb, 2 Gb, or 4 Gb, where 4 Gb is the default.
- D. The FC host ports support 2 Gb, 4 Gb, or 8 Gb, where 8 Gb is the default.

**Answer: C****Question No : 8 - (Topic 0)**

What are two valid steps when upgrading the SMU software in a Hitachi NAS Platform 3080 cluster? (Choose two.)

- A. Mount the CD using the command "mount /dev/\*.iso".
- B. Mount the CD using the command "mount /media/cdrecorder".
- C. Connect a serial cable to the SMU and start a terminal session using settings 9600 b/s, 8, 1, no parity, no flow control settings.
- D. Connect a serial cable to the SMU and start a terminal session using settings 115200 b/s, 8, 1, no parity, no flow control settings.

**Answer: B,D****Question No : 9 - (Topic 0)**

Which statement describes the Hitachi NAS Platform file system architecture?

- A. The file system size may be reduced non-disruptively.
- B. The file system is not subject to fragmentation.
- C. The file system unifies directory structure and presents a single logical view.

D. The file system spans across multiple storage pools.

**Answer: C**

**Question No : 10 - (Topic 0)**

Your customer wants to obtain the Management Information Base (MIB) to integrate a Hitachi NAS Platform into their Event Management framework. What are two ways to obtain the MIB? (Choose two.)

- A. Download the Enterprise MIB module from EVS.
- B. Download the Enterprise MIB module from the Web Manager GUI.
- C. Download the Enterprise MIB module from HiTrack.
- D. Contact the Hitachi Data Systems Support Center for the latest Enterprise MIB.

**Answer: B,D**

**Question No : 11 - (Topic 0)**

Your customer has files that they would like to reverse migrate using Data Migrator. Which two valid arguments can be used to specify the files? (Choose two.)

- A. inode
- B. pattern
- C. acl
- D. age

**Answer: B,D**

**Question No : 12 - (Topic 0)**

During a data migration, which three steps should be performed to validate the consistency of the source and destination shares/exports? (Choose three.)

- A. Compare the available capacity on source and destination.
- B. Compare the share/export permissions on source and destination.
- C. Compare the MD5/SHA256 checksum of the directory tree.

- D. Compare the number of files on source and destination.
- E. Compare the number of directories on source and destination.

**Answer: A,B,D**

**Question No : 13 - (Topic 0)**

According to Hitachi Data Systems best practices, how should storage pools, file systems and virtual servers be configured?

- A. The file system auto-expansion feature should be used to expand a file system across different storage pools.
- B. Storage pools should be created with system drives of identical performance and size.
- C. File systems should be shared across multiple virtual servers for redundancy.
- D. File systems from the same storage pool should be assigned to virtual servers on different Hitachi NAS Platform nodes.

**Answer: B**

**Question No : 14 - (Topic 0)**

When performing a microcode upgrade, what information is stored in the cluster/server configuration backup? (Choose three.)

- A. network configuration
- B. cluster node names
- C. CIFS share names
- D. Quorum Device (QD) configuration
- E. NFS export names

**Answer: A,C,E**

**Question No : 15 - (Topic 0)**

Which three components of a Hitachi NAS Platform 3080 or 3090 Generation 1 (G1) node are hot swappable? (Choose three.)

- A. PSU
- B. fans
- C. battery pack
- D. the hardware FPGA board
- E. internal hard drive (HDD)

**Answer: A,B,C**

**Question No : 16 - (Topic 0)**

A customer is considering to purchase a Hitachi NAS Platform model 3080 or 3090. Their infrastructure includes both 10 GbE and 1 GbE data networks and they are enquiring about connectivity support. Which statement is true?

- A. Model 3080 only supports 1 GbE.
- B. Model 3080 supports 10 GbE and 1 GbE networks concurrently.
- C. Model 3080 does not support 10 GbE and 1 GbE networks concurrently.
- D. Model 3090 only supports 10 GbE networks.

**Answer: B**

**Question No : 17 - (Topic 0)**

You are escalating a Hitachi NAS Platform related problem to the Hitachi Data Systems Global Support Center (GSC). What information can be gathered for analysis by GSC without impacting the connected clients? (Choose two.)

- A. Use diagnostic download through e-mail.
- B. Collect data with the internal packet-capture utility for 24 hours.
- C. Use the event log download.
- D. Force a core dump on the NFS clients.

**Answer: A,C**

**Question No : 18 - (Topic 0)**

A problem with one of the two internal RAID-1 HDDs is reported by HiTrack on a single node Hitachi NAS Platform 3090 Generation 1 (G1). Which statement is correct?

- A. The NAS node must be shut down to replace the HDD.
- B. The HDD can be replaced without shutting down the NAS node.
- C. The customer will need new NAS licenses after the HDD is replaced.
- D. The SMU and node firmware needs to be reinstalled after the HDD replacement.

**Answer: A**

**Question No : 19 - (Topic 0)**

A customer is in the planning stages with Hitachi Data Systems for a Hitachi NAS Platform Metro Cluster implementation. Their Enterprise Networking group is informed they require a non-routable Wide Area Network (WAN) connection for Hitachi NAS Platform clustering. What is required for the Hitachi NAS Platform cluster interconnection?

- A. two FICON Extended Distance Solution cluster interconnect ports
- B. two 1 GbE cluster interconnect ports
- C. two optical OC-7144F cluster interconnect ports
- D. two 10 GbE cluster interconnect ports

**Answer: D**

**Question No : 20 - (Topic 0)**

You are integrating a Hitachi NAS Platform with Hitachi Device Manager (HDvM). Which two must be configured in the agent to be able to report to the HDvM database software? (Choose two.)

- A. the account in the built-in HDvM agent
- B. the default account in the HDvM agent
- C. the HDvM database server
- D. the account in the Windows or UNIX HDvM agent

**Answer: A,C**

**Question No : 21 CORRECT TEXT - (Topic 0)**

A Hitachi NAS Platform customer has implemented block-based TrueCopy replication between two data centers. They run a disaster recovery simulation every six months.