



NETAPP UNIVERSITY

NS0-510 Study Guide

1. HOW NETAPP REPLICATION TECHNOLOGY WORKS

- 1.1 Explain how Snapshot replication works.
- 1.2 Explain how SnapMirror replication technology works.
- 1.3 Explain how SnapVault replication technology works.
- 1.4 Explain how SnapManager products work.
- 1.5 Explain how the SnapProtect management solution works.
- 1.6 Explain how high-availability configurations work.
- 1.7 Explain how MetroCluster configurations work.

2. PLANNING AND IMPLEMENTING DATA PROTECTION SOLUTIONS

- 2.1 Assess customer data-protection requirements.
- 2.2 Given a set of requirements, determine the most appropriate data-protection solutions.
- 2.3 Recommend NetApp solutions that maximize disaster recover RPO and RTO.
- 2.4 Use sizing guidelines to determine sizing requirements for secondary or tertiary storage.
- 2.5 Use the Interoperability Matrix Tool (IMT) to determine supportability of an implementation.
- 2.6 Use the NetApp System Manager to determine aggregate capacities.
- 2.7 Plan and implement application-specific data protection.
- 2.8 Plan and implement virtualization-specific data protection.

3. CONFIGURING BACKUP AND RECOVERY SOFTWARE

- 3.1 Configure Snapshot software.
- 3.2 Configure SnapMirror software.
- 3.3 Configure SnapVault software.
- 3.4 Configure backup and restore operations using Protection Manager.
- 3.5 Configure backup and restore operations using SnapProtect.
- 3.6 Configure Protection Manager resource pools.
- 3.7 Configure Provisioning Manager provisioning policies.
- 3.8 Configure FAS and V-Series for storage high-availability and resiliency.

4. OPERATING BACKUP AND DISASTER RECOVERY DEPLOYMENTS

- 4.1 Verify backup operations using command line, Protection Manager, and SnapProtect.
- 4.2 Use SnapManager, Protection Manager, and SnapProtect applications to manage data protection.
- 4.3 Monitor primary and secondary storage capacities.
- 4.4 Use Protection Manager to locate and protect unprotected volumes, qtrees, or open systems directories.

5. BEST PRACTICES FOR DATA PROTECTION AND BACKUP AND RECOVERY

- 5.1 Plan SnapMirror, SnapVault, and Open Systems SnapVault implementations that maximize performance.
- 5.2 Plan SnapVault and Open Systems SnapVault implementations that maximize performance.