NS0-513

Data Protection Specialist

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SUCCESS GUIDE TO NETAPP CERTIFICATION

Exam Summary – Syllabus – Questions

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Introduction to NS0-513 Exam on Data Protection Specialist

A great way to start the NetApp Certified Implementation Engineer - Data Protection Specialist (NCIE) preparation is to begin by properly appreciating the role that syllabus and study guide play in the NetApp NS0-513 certification exam. This study guide is an instrument to get you on the same page with NetApp and understand the nature of the NetApp NCIE Data Protection exam.

Our team of experts has composed this NetApp NS0-513 exam preparation guide to provide the overview about NetApp Data Protection Specialist exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the NetApp NCIE exam by identifying prerequisite areas of knowledge. We recommend you to refer the simulation questions and practice test listed in this guide to determine what type of questions will be asked and the level of difficulty that could be tested in the NetApp NCIE Data Protection certification exam.

NetApp NS0-513 Certification Details:

Exam Name	Data Protection Specialist
Exam Number	NS0-513 NCIE
Exam Price	$150 USD
Duration	90 minutes
Number of Questions	60
Passing Score	65%
Recommended Training	ONTAP Data Protection Administration (ILT) ONTAP MetroCluster Installation (ILT) ONTAP Data Protection Fundamentals (WBT)
Exam Registration	PEARSON VUE
Sample Questions	NetApp NS0-513 Sample Questions
Practice Exam	**NetApp Certified Implementation Engineer - Data Protection Specialist Practice Test**

NetApp NS0-513 Exam Syllabus:

Section	Objectives
ONTAP Replication Technology	- Describe how ONTAP replication technology works within a NetApp Data Fabric including Snapshot copies and SnapMirror replication - Describe how high-availability configurations operate within an ONTAP Cluster - Describe how a MetroCluster configuration can ensure business continuity - Identify the difference between synchronous and asynchronous replication for applications and VM
Planning ONTAP Data Protection Implementation	- Identify ONTAP data protection solutions in traditional on-premise configurations, private clouds, hybrid cloud, and storage tiering environments - Demonstrate how to apply ONTAP guidelines and use tools: sizing guidelines, Interoperability Matrix Tool, RPO calculator, Savings Calculator, Hardware Universe - Describe the implementation steps for application- and virtualization-specific workloads, including Snapshot retention policies - Distinguish between a consistent file system and an application-consistent backup - Demonstrate how to develop a course of action to recover customer ONTAP data after a disaster - Identify how to implement security related to ONTAP data protection: NetApp Volume Encryption, NetApp Security Encryption, SnapLock, key management - Describe how to plan for ONTAP data protection in the Data Fabric
Configuring Data Protection Software	- Describe how to configure ONTAP Snapshots, SnapMirror policies, SnapMirror for SVMs, and MetroCluster using the command-line interface and System Manager - Identify which tool to use to set up ONTAP-based storage and schedule policies
Operating Data Protection Deployments	- Demonstrate how to back up or restore NAS, SAN, VM, object and application data using ONTAP - Demonstrate how to locate and protect unprotected ONTAP volumes using OnCommand Unified Manager - Describe how to use WorkFlow Automator (WFA) products to orchestrate failover and failback for application servers - Describe how to use SnapCenter as an external backup application - Describe how to verify that backup and replication jobs are up-to-date - Demonstrate how to validate that an ONTAP backup is successfully restored

Section	Objectives
Best Practices	- Describe strategies for implementing ONTAP data protection products in the data fabric using SnapMirror, MetroCluster, Unified Data Replication (UDP), network compression, Cloud Backup - Describe how to calculate transfer time based on the customer's available bandwidth and latency distance for ONTAP data protection products - Describe storage efficiency for ONTAP data protection - Describe automation policies for managing volume capacity - Describe monitoring or reporting techniques for ONTAP data protection solutions

NS0-513 Sample Questions:

01. You are using SnapLock for SnapVault to protect Snapshot copies on secondary storage. In ONTAP 9.3, which source aggregate feature is supported in this scenario?
a) SnapLock Enterprise
b) SnapLock Compliance
c) 32 bit
d) RAID-TEC

02. Click the Exhibit button on the right.

Referring to the exhibit, which two tiers are monitored in the volume capacity? (Choose two)
a) metadata
b) licensed
c) capacity
d) performance

03. You want to ensure that you are using compatible hardware and software versions with your MetroCluster installation. Which tool would accomplish this task?
a) Hardware Universe
b) System-Level Diagnostics tool (SLDIAG tool)
c) OneCollect
d) Interoperability Matrix Tool

04. A client is planning to configure a SnapMirror relationship between two sites. Normally their ISP provides network throughput of 100 Mbps; however, they can arrange to have this burst to 1 Gbps for a period of time at an additional cost.
Their intention is to back up 400 GB of Snapshot data each day using the burst option to keep the replication time to a minimum. In this scenario, how much burst time do they need to purchase?

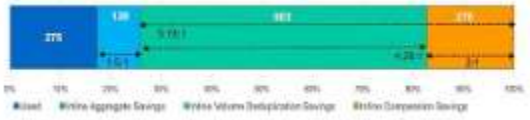
a) 15 minutes
b) 30 minutes
c) 45 minutes
d) 60 minutes

05. Your customer wants to implement a SnapVault relationship, but is concerned that the initial transfer will use up all of their network bandwidth. Which solution should you recommend to the customer?
a) Use the SMTape functionality to back up the source volume to tape and use the tape to transfer the base snapshot copy to the destination volume.
b) Set up a SyncMirror relationship to a NetApp controller in the same data center, than ship the controller to the destination site.
c) Manually copy each directory from the source volume to the destination volume during times when the network utilization is low.
d) Enable volume efficiency on the destination volume.

06. You want to replicate data from ONTAP to NetApp Cloud Backup (formerly AltaVault). To prevent a conflict with another backup application, you need to update the policy that contains the backup schedule so that the backup runs at a different time of day.
Which product would accomplish this task?
a) OnCommand Unified Manager
b) OnCommand System Manager
c) OnCommand Insight
d) Commvault IntelliSnap

07. A customer wants to create a new SnapMirror relationship to provide only disaster recovery for their organization. Which relationship type and policy type should they specify in this scenario?
a) DP and XDPDefault
b) XDP and XDPDefault
c) XDP and MirrorAllSnapshots
d) DP and MirrorAndVault

08. Click the Exhibit button on the right.



You have an AFF A300 controller with four volumes in the aggregate that is shown in the exhibit. You replicate all four volumes to one aggregate on a FAS8200 controller in a different cluster.
Referring to the exhibit, what are the storage efficiency savings on the destination FAS8200?
a) 1.5:1
b) 2:1
c) 4.28:1
d) 5.78:1

09. A client has a 2 TB volume and has enabled the function to automatically delete Snapshot copies in scenarios where capacity will be exceeded. They have set the trigger for this action to the volume | snap_reserve value. In this scenario, what would trigger this function?
a) The volume reaches 95%.
b) The volume reaches 95% and the space_reserve is at capacity.
c) The snap_reserve reaches capacity.
d) The volume reaches 98% and the snap_reserve is at capacity.

10. You have deployed a 4-node fabric MetroCluster configuration for cross-site disaster-recovery protection. In this scenario, which two statements are correct for an automatic unplanned switchover (AUSO) operation?
(Choose two.)
a) AUSO is triggered in the event of a site-wide controller failure to provide nondisruptive operations.
b) AUSO is triggered in the event of a complete site-wide failure to provide nondisruptive operations.
c) AUSO is triggered in the event of a site-wide switch failure to provide nondisruptive operations.
d) AUSO is enabled by default on a MetroCluster cluster.

Answers to NS0-513 Exam Questions:

Question: 01 Answer: d	Question: 02 Answer: c, d	Question: 03 Answer: d	Question: 04 Answer: d	Question: 05 Answer: a
Question: 06 Answer: b	Question: 07 Answer: c	Question: 08 Answer: d	Question: 09 Answer: d	Question: 10 Answer: a, d

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@nwexam.com