NS0-192

Support Engineer

NWExam.com

SUCCESS GUIDE TO NETAPP CERTIFICATION

Exam Summary – Syllabus – Questions

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Introduction to NS0-192 Exam on Support Engineer

A great way to start the NetApp Certified Support Engineer (NCSE) preparation is to begin by properly appreciating the role that syllabus and study guide play in the NetApp NS0-192 certification exam. This study guide is an instrument to get you on the same page with NetApp and understand the nature of the NetApp NCSE exam.

Our team of experts has composed this NetApp NS0-192 exam preparation guide to provide the overview about NetApp Support Engineer exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the NetApp NCSE 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 NCSE certification exam.

NetApp NS0-192 Certification Details:

Exam Name	Support Engineer
Exam Number	NS0-192 NCSE
Exam Price	$150 USD
Duration	90 minutes
Number of Questions	60
Passing Score	63%
Recommended Training	Introduction to NetApp Storage System Basic Components (WBT)
	Introduction to Clustered Data ONTAP Architecture (WBT)
	Introduction to Aggregates and FlexVols in Clustered Data ONTAP (WBT)
	Introduction to Networking in Clustered Data ONTAP (WBT)
	Introduction to High-Availability in Clustered Data ONTAP (WBT)
	Introduction to Data Protection in Clustered Data ONTAP (WBT)
Exam Registration	PEARSON VUE
Sample Questions	NetApp NS0-192 Sample Questions
Practice Exam	**NetApp Certified Support Engineer Practice Test**

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NetApp NS0-192 Exam Syllabus:

Section	Objectives
ONTAP® Fundamentals	- Describe aggregate status - Describe how to troubleshoot AutoSupport - Describe clustering in ONTAP - Demonstrate knowledge of the steps required to upgrade a cluster - Describe space usage within ONTAP - Identify Advanced Disk Partitioning (ADP) implementation
Platforms and Storage	- Demonstrate how to analyze storage controller issues - Identify HA and cluster interconnect statistics and error counts - Identify how ONTAP uses system memory and NVRAM - Describe replacement considerations for FRUs
Protocol Troubleshooting	- Demonstrate knowledge of how to troubleshoot SAN protocols - Demonstrate knowledge of how to troubleshoot NFS - Demonstrate knowledge of how to troubleshoot SMB (CIFS) - Describe how to configure networks - Demonstrate knowledge of how to troubleshoot permissions - Identify how to capture a packet trace
Performance Analysis	- Describe common performance bottlenecks - Identify various filesystem scanners - Describe how to collect performance statistics
NetApp® Data Protection and Management Software	- Identify OnCommand® Suite products - Describe ONTAP data protection - Describe SnapCenter® or SnapDrive® software

NS0-192 Sample Questions:

01. You are creating a disk-partitioned root aggregate. Which two rules are enforced automatically when accomplishing this task?
(Choose two.)
a) A RAID group cannot have more than one partition from the same disk.
b) A RAID group can have more than one partition from the same disk.
c) The only supported RAID type for aggregates containing root-data partitioned disks is RAID-DP.
d) The only supported RAID type for aggregates containing root-data partitioned disks is RAID 4.

02. What is the next step if you must escalate an open case?
a) Upload the support case and core data files to NetApp Suport and to Engineering.
b) Clustered Data ONTAP triggers the AutoSupport mechanism automatically again.
c) Call NetApp Support and ask to speak to the duty manager.
d) Call NetApp Support and open a new case.

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03. **A 2 node cluster (Node-1 and Node-2) has suffered a takeover event. The down node (Node-1) is currently waiting for give back. However, it is unsure if the node will boot successfully. The client suffer any data outage. Which command would you use to perform the give back?**
a) CLUSTER::> storage failover giveback -of node Node-1-only-do-aggregates
b) CLUSTER::> storage failover giveback -from node Node-2
c) CLUSTER::> storage failover giveback -of node Node-1-require-partner-waiting false
d) CLUSTER::> storage failover giveback -of node Node-1-override-vetoes true cannot

04. **You are planning to move to a newer clustered Data ONTAP version. Which two resources should you review prior to the move?**
(Choose two.)
a) Software Setup Guide
b) IMT
c) Upgrade Advisor
d) System Administration Guide for Cluster Administrators

05. **In which three scenarios is it possible to disable and remove the aggregate Snapshot copy?**
(Choose three.)
a) Your cluster is part of a MetroCluster configuration.
b) You are protecting the aggregate using SyncMirror.
c) You are protecting volumes using SnapMirror XDP.
d) You are protecting volumes using SnapMirror DP.
e) You are protecting the aggregate with RAID-DP.

06. **You have an aggregate with 10 TB of free space. You create a 5 TB volume with space-guarantee set to none and fractional reserve set to 0. Inside the volume, you create a 100 GB space-reserved LUN. In this scenario, how much free space is left in the aggregate?**
a) 9.8 TB
b) 9.9 TB
c) 5 TB
d) 10 TB

07. **A customer wants to upgrade a cluster to a new version of ONTAP. In this scenario, what are two ways to ensure a successful upgrade?**
(Choose two.)
a) Use OnCommand Unified Manager.
b) Use the Upgrade Advisor report.
c) Use OnCommand System Manager.
d) Use Config Advisor.

08. **Your storage system has experienced a double-disk failure. When is this scenario considered to be in double-degraded mode?**
a) when two disks failed on a node
b) when two disks failed on a single aggregate
c) when two disks failed in a single RAID group
d) when two disks failed on a single disk shelf

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09. During the deployment of a new system, the administrator has a business requirement for the data volumes to have file blocking and auditing. Which feature would enable these capabilities?
a) Vscan
b) Fpolicy
c) log forwarding
d) secd tracing

10. You just set up a new clustered Data ONTAP 8.3 environment and want to monitor volume performance. Which two commands or products would help you accomplish this task?
(Choose two.)
a) OnCommand Performance Manager
b) Quality of Service (QoS) commands
c) OnCommand System Manager
d) Syslog Serve

Answers to NS0-192 Exam Questions:

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