

NETAPP NS0-516

NetApp NCIE SAN E-Series Certification Questions & Answers

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NS0-516

[NetApp Certified Implementation Engineer - SAN E-Series](#)

60 Questions Exam – 75% Cut Score – Duration of 90 minutes

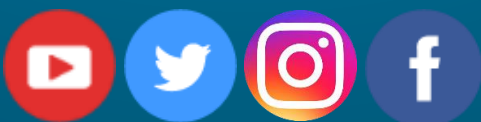


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Discover More about the NS0-516 Certification

Are you interested in passing the NetApp NS0-516 exam? First discover, who benefits from the NS0-516 certification. The NS0-516 is suitable for a candidate if he wants to learn about Implementation Engineer. Passing the NS0-516 exam earns you the NetApp Certified Implementation Engineer - SAN E-Series title.

While preparing for the NS0-516 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The NS0-516 PDF contains some of the most valuable preparation tips and the details and instant access to useful [NS0-516 study materials just at one click](#).

NetApp NS0-516 NCIE SAN E-Series Certification Details:

Exam Name	Implementation Engineer SAN Specialist E-Series
Exam Number	NS0-516 NCIE SAN Specialist E-Series
Exam Price	\$150 USD
Duration	90 minutes
Number of Questions	60
Passing Score	75%
Recommended Training	E-Series Fundamentals (WBT) Configuring and Monitoring NetApp E-Series and EF-Series Storage Systems (ILT)
Exam Registration	PEARSON VUE
Sample Questions	NetApp NS0-516 Sample Questions
Practice Exam	NetApp Certified Implementation Engineer - SAN E-Series Practice Test

NS0-516 Syllabus:

Section	Objectives
Storage Configuration	<ul style="list-style-type: none"> - Describe how to setup alerting and notification for the E-Series system. - Describe how to create and administer Volume Groups or DDP and associated volumes. - Describe physical and logical storage requirements. - Describe the setup of CHAP for an iSCSI environment. - Describe when to use DDP or Volume Groups.

Documentation	<ul style="list-style-type: none"> - Describe the process of reviewing and preparing a site for implementation of E-Series. - Describe the information you give a customer after deploying a solution.
Hardware	<ul style="list-style-type: none"> - Describe the hardware components in an E-Series storage system. - Describe Fibre Channel, Ethernet, Infiniband and SAS cabling. - Describe the appropriate tasks for adding additional storage to an E-Series system. - Describe drive encryption features.
Host Side	<ul style="list-style-type: none"> - Describe the different host connection options for E-Series systems. - Describe how to configure hosts for multipathing.
Management	<ul style="list-style-type: none"> - Describe the administrative tasks for managing E-Series systems with SANtricity System Manager. - Describe the management security features in SANtricity System Manager and SANtricity Unified Manager. - Describe when and how to configure and use SANtricity Unified Manager.
Toolbox	<ul style="list-style-type: none"> - Describe the tools required to design and implement an E-Series solution.
Protection	<ul style="list-style-type: none"> - Describe how Data Assurance with media scan protects your data. - Describe SANtricity data protection features.
SAN	<ul style="list-style-type: none"> - Describe the end-to-end network configuration for Fibre Channel and Ethernet.
Troubleshooting	<ul style="list-style-type: none"> - Demonstrate the steps for troubleshooting an E-Series system. - Demonstrate how to analyze multipathing issues between a host and an E-Series system.

Broaden Your Knowledge with NetApp NS0-516

Sample Questions:

Question: 1

You have two Linux hosts that must be connected over multiple paths to two NetApp E-Series systems. One with FC and the other with SAS.

In this scenario, which mutipathing driver should you use for each system to complete this task?

- a) Use DM-MP for SAS and LVM for FC.
- b) Use DM-MP for FC and LVM for SAS.
- c) Use DM-MP for FC and SAS.
- d) Use LVM for FC and SAS.

Answer: c

Question: 2

A company has just installed a NetApp EF600 storage array with an initial drive count of 12. A disk pool is created using all 12 disks.

Benchmark testing now shows that system performance is far less than expected. Metrics show a very unbalanced use of the two Pcle busses and drives.

In this scenario, which action addresses this problem?

- a) Dynamically convert the volumes from RAID 10 to RAID 5.
- b) Adjust cache block sizes to 8k.
- c) Build two equally sized pools during disk pool creation.
- d) Insert six drives into the first 12 slots and six drives into the last 12 slots.

Answer: d

Question: 3

You need to run a command from the SANtricity System Manager GUI to mark drives as native by using the CLI tool on an E-Series system that is running System Manager 11.60 or higher.

In this scenario, where would you locate this tool?

- a) Help -> CLI Command Reference
- b) Support -> Support Center -> Diagnostics
- c) Modify Existing Storage
- d) Settings -> System -> Addons

Answer: d

Question: 4

A customer is experiencing performance issues on their NetApp E-Series system that is running with iSCSI host interface cards (HICs).

In this scenario, in which two locations in the GUI would you go to find detailed statistics for the iSCSI connections on this system?

(Choose two.)

- a) Settings -> System -> View iSCSI Statistics
- b) Support -> Support Center -> Diagnostics -> View iSCSI Statistics
- c) Home -> View Performance Details
- d) Support -> Support Resources -> Storage Array Profile

Answer: a, b

Question: 5

What is the maximum number of FC host interface cards used per NetApp EF600 storage array?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: d

Question: 6

A customer has a storage system that has been configured with multiple RAID 5 volume groups. The customer would like to reclaim capacity from the volume groups to use for a new application.

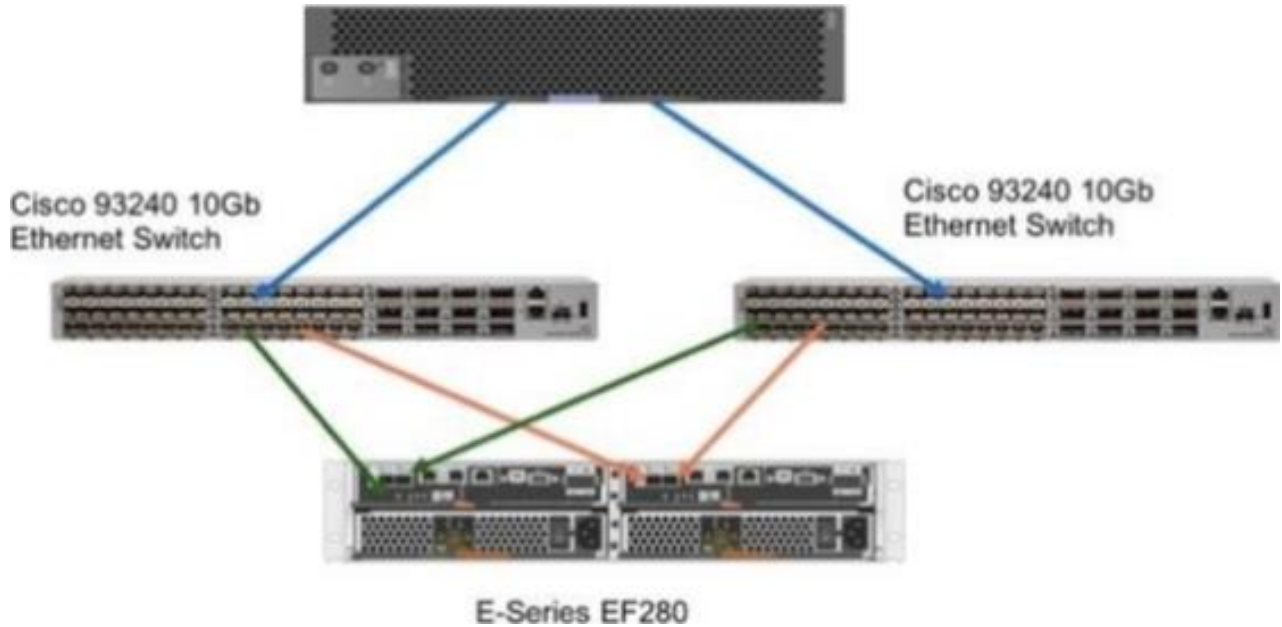
In this scenario, which action will solve this problem?

- a) Shrink the size of the volume groups by using the volume group drive removal procedure, and then redeploy the drives as required for the new application.
- b) Turn on thin provisioning for the RAID 5 volume groups to shrink the size of each volume, and then use the volume group drive removal procedure to reclaim the drives for the new application.
- c) Consolidate free capacity for the volume group, remove the drives that are required for the new application, and let the volume group rebuild automatically.
- d) Migrate all the data off each RAID 5 volume group, recreate the volume groups with fewer drives, and then migrate the data to the new RAID 5 volume groups.

Answer: d

Question: 7

What is the total number of ALUA paths from the host to a volume on the EF280 that is shown in the exhibit?



- a) 2
- b) 4
- c) 6
- d) 8

Answer: b

Question: 8

A customer needs a system for a new solution that they are designing. They have provided you with the performance and capacity requirements.

In the NetApp Fusion UI, which workflow should you perform to help the customer?

- a) Design a System Manually
- b) Modify Existing Storage
- c) Size and Recommend
- d) Perform a Tech Refresh

Answer: c

Question: 9

What are two types of logical structures that volumes in the E-Series system use?

(Choose two.)

- a) volume groups
- b) disk pools
- c) aggregates
- d) volume pools

Answer: a, b

Question: 10

During normal operation, a failure was detected on an E-Series hardware component. You want to determine the location of the failed component and understand the potential recovery actions.

In this scenario, which tool would you use to accomplish this task?

- a) performance monitor
- b) unreadable sectors log
- c) Recovery Guru
- d) Host Mappings tab

Answer: c

Avail the Study Guide to Pass NetApp NS0-516 NCIE SAN E-Series Exam:

- Find out about the NS0-516 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [NS0-516 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the NS0-516 training. Joining the NetApp provided training for NS0-516 exam helps a candidate to strengthen his practical knowledge base from the certification.

- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [NS0-516 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. NS0-516 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the NS0-516 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the NS0-516 Certification

NWExam.com is here with all the necessary details regarding the NS0-516 exam. We provide authentic practice tests for the NS0-516 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on NWExam.com for rigorous, unlimited two-month attempts on the [NS0-516 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the NetApp Certified Implementation Engineer - SAN E-Series.

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