



SNIA S10-310

SNIA Storage Architect Certification Questions & Answers

Exam Summary – Syllabus – Questions

S10-310

[SNIA Certified Storage Architect](#)

60 Questions Exam – 69% Cut Score – Duration of 90 minutes

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Know Your S10-310 Certification Well:

The S10-310 is best suitable for candidates who want to gain knowledge in the SNIA Storage Networking. Before you start your S10-310 preparation you may struggle to get all the crucial Storage Architect materials like S10-310 syllabus, sample questions, study guide.

But don't worry the S10-310 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the S10-310 syllabus?
- How many questions are there in the S10-310 exam?
- Which Practice test would help me to pass the S10-310 exam at the first attempt?

Passing the S10-310 exam makes you SNIA Certified Storage Architect. Having the Storage Architect certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

SNIA S10-310 Storage Architect Certification Details:

Exam Name	Storage Networking Assessment Planning and Design
Exam Code	S10-310
Exam Price	\$220 USD
Duration	90 minutes
Number of Questions	60
Passing Score	69%
Recommended Training	Storage Networking Assessment, Planning & Design
Exam Registration	Kryterion Testing Center
Sample Questions	SNIA S10-310 Sample Questions
Practice Exam	SNIA Certified Storage Architect Practice Test

S10-310 Syllabus:

Section	Objectives
Core Architect Skills	<ul style="list-style-type: none"> - Demonstrate knowledge of solution design - Describe data types - Describe the primary elements of an appropriate design solution
Capacity Concepts	<ul style="list-style-type: none"> - Demonstrate knowledge of storage capacity management - Demonstrate knowledge of capacity forecasting
Performance Concepts	<ul style="list-style-type: none"> - Demonstrate knowledge of architecting high performance storage solutions - Demonstrate knowledge of providing solutions based on latency/delay requirements
Security Concepts	<ul style="list-style-type: none"> - Describe how to design appropriate storage security solutions - Describe where to incorporate storage encryption
Virtualization Concepts	<ul style="list-style-type: none"> - Demonstrate knowledge of designing storage virtualization - Demonstrate knowledge of designing storage network virtualization - Demonstrate knowledge of designing storage for server virtualization
Data Protection Strategies	<ul style="list-style-type: none"> - Describe general operational characteristics - Demonstrate knowledge of selecting an appropriate backup/restore solutions - Demonstrate knowledge of selecting the appropriate solution for data protection - Demonstrate knowledge of designing data integrity
Cloud Storage Concepts	<ul style="list-style-type: none"> - Demonstrate knowledge of cloud storage - Demonstrate knowledge of cloud storage design

SNIA S10-310 Sample Questions:

Question: 1

An enterprise data center has 137 storage arrays and 1246 hosts attached to an FC SAN. Customers complain about occasional slow performance in accessing SAN attached storage. FC switches and storage arrays logs do indicate any problem. Which type of tool should be used to resolve this?

- a) a matrix management tool
- b) a historical performance management tool
- c) a capacity management tool
- d) a future performance management tool

Answer: b**Question: 2**

You are asked to convert a 4-disk RAID 5 array into a 7-disk RAID 6 array. Each disk is capable of sustaining 100 MBps throughput to the host for the application. What is the theoretical LUN performance increase between the two array configurations?

- a) 200 MBps
- b) 100 MBps
- c) 300 MBps
- d) 400 MBps

Answer: a**Question: 3**

A company has a data center with three tiers of disk storage. The customer wants to reduce overall storage costs yet maintain appropriate response times for various data types. You have been asked to make a recommendation to meet these needs. What should you recommend?

- a) Introduce a fourth tier with SSDs.
- b) Incorporate automated tiering solution.
- c) Expand the amount of Tier 2 storage.
- d) Introduce compression.

Answer: b**Question: 4**

You are asked to build a disk array to host a read intensive, latency sensitive application. Which disks would you use in your array?

- a) SATA disks (7,200 rpm)
- b) SAS disks (10,000 rpm)
- c) SSD
- d) SAS disks (15,000 rpm)

Answer: c

Question: 5

You need to increase the read performance on your disk array. Which caching scheme would achieve this goal?

- a) read back
- b) read ahead
- c) read around
- d) read through

Answer: b

Question: 6

An enterprise storage system is suspected of being the root cause for wide-spread performance degradation. The SAN environment has one director-class switch each for two redundant fabrics. A review of the storage system does not discover any obvious problems. You have been asked to investigate the root cause. What data do you collect first?

- a) storage system error logs
- b) network performance data
- c) server error logs
- d) switch error logs

Answer: d

Question: 7

Which statement is true for securing data in flight?

- a) The protection of the confidentiality and integrity of data residing on servers, storage arrays, tape libraries, or media.
- b) The securing, provisioning, monitoring, tuning, re-allocating, and controlling of the storage resources so that data may be stored and retrieved.
- c) The securing of underlying/embedded systems and applications as well as integration with IT and security infrastructure.
- d) The protection of the confidentiality and integrity of data as it is transferred across the storage network.

Answer: d

Question: 8

You need to architect a storage solution which would serve structured data from storage arrays which are at the end of a data center 100 meters away from the servers which need to access that data. Read and write access latency must be less than 1 ms. Which type of storage access is appropriate for this solution?

- a) NAS
- b) IP SAN
- c) FC SAN
- d) DAS

Answer: c**Question: 9**

A customer needs to deploy a flexible, highly available, fast storage solution to handle high I/O OLTP database applications. What should you recommend?

- a) FC SAN
- b) NAS
- c) DAS
- d) SSD JBODs

Answer: a**Question: 10**

You are asked to describe the basic financial benefits of tiered storage. What would be your description?

- a) Tiered storage saves funds by only using low-cost commodity storage devices.
- b) Tiered storage reduces expenses by defining a random usage structure.
- c) Tiered storage only allows cost-effective auto-tiering software to migrate data from one storage tier to another based upon file type and usage pattern.
- d) Tiered storage allows a user (or auto-tiering software) to store data on the most cost effective storage tier based on customer requirements.

Answer: d

Study Guide to Crack SNIA Storage Architect S10-310 Exam:

- Getting details of the S10-310 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the S10-310 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the SNIA provided training for S10-310 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the S10-310 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on S10-310 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for S10-310 Certification

Make NWExam.com your best friend during your Storage Networking Assessment Planning and Design exam preparation. We provide authentic practice tests for the S10-310 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual S10-310 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the S10-310 exam.

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