

Exam Description Document for the SNIA Storage Advanced Exam (S10-510)

Exam Title:

SNIA Storage Advanced Exam (S10-510)

Credential Awarded:

SNIA Certified Information Architect (SCIA)

Exam Purpose:

Demonstrate expertise in the design, plan, and architect a storage infrastructure of storage transport, back-end storage targets, and best practices within an efficient total cost of ownership.

Intended Exam Audience:

Job Position Primary Job Responsibilities

Storage Architect

Planning, designing and optimizing storage infrastructures and solutions.

Backup and Recovery Architect

*Planning, designing and optimizing backup and recovery infrastructures and solutions.
Creating and implementing best practices.*

Disaster Recovery Architect

*Planning, designing and optimizing disaster recovery infrastructures and solutions.
Creating and implementing best practices.*

Storage Solution Engineer

Planning, designing and optimizing storage infrastructures and solutions.

Data Protection Specialist

*Planning, designing and optimizing disaster recovery infrastructures and solutions.
Creating and implementing best practices.*

Storage Networking Architect

Planning, designing and optimizing storage infrastructures and transport solutions.

Storage Performance Architect

Optimizing storage infrastructures to meet business needs.

Pre-Sales Storage Consultant/Engineer

Planning, designing and optimizing storage infrastructures and solutions to meet emerging business needs.

Technical Director

Overseeing storage service delivery and implementation.

Leadership role in applying emerging technologies.

Certification Program Path Description:

- SNIA Certified Storage Professional Exam (S10-110) (required)
- Experience designing at least one vendor-specific storage solution. (recommended)
- Knowledge of the fundamentals of storage transport. (recommended)
- LinkedIn Learning SNIA Storage Foundations (S10-110) online course. (recommended)
- Ability to capture and translate business requirements into storage specifications. (recommended)

Domains Covered by this Exam:

1. Requirements Analysis
2. Block Storage Transport
3. File- and Object-Based Storage
4. Storage Security
5. Storage Initiator
6. Storage Targets
7. Data Protection and Disaster Recovery
8. Management and Reporting

Products or Technologies Covered by this Exam:

- Fibre Channel
- Ethernet
- iSCSI
- NVMe
- InfiniBand
- Public and private cloud storage foundations
- Storage systems (block, file, object) scale-up and scale-out
- Distance extension solutions (hardware and software)