



Dell PowerScale Design v2 Exam

D-PSC-DS-01

Exam Description:

The Dell PowerScale Solution Design Exam is your gateway to proving mastery in architecting cutting-edge storage solutions that are scalable, efficient, and resilient. Tailored for professionals who thrive on solving complex challenges, this exam validates your ability to translate customer requirements into high-performance configurations using Dell PowerScale technologies.

From SmartFabric integration to OneFS innovations, you'll demonstrate your fluency in designing enterprise-ready solutions that deliver both technical precision and business outcomes. Whether optimizing performance, ensuring data protection, or aligning with workload-specific needs, successful candidates showcase the skills to lead with confidence and deliver transformative results.

Exam Details:

Duration: **90 mins** # of Questions: **50** Available Languages: **English, French, Chinese Simplified, Japanese**

Target Audience:

Individuals in IT-related roles who seek the knowledge and skills to design PowerScale Solutions: Solution Architect, Storage Consultants, System Engineer, Storage Administrator, Technical Presale, Design Engineer, Inside Specialist, Technical Consultant

Recommended Training:

Course Title	Course Number	Modality	Duration
PowerScale Concepts	ES131STG01028	On-Demand	2 hour
PowerScale Solution Design: Platform Architecture	ES532STG01056	On-Demand	2.5 hour
PowerScale Solution Design: Data Protection	ES502STG01256	On-Demand	3 hour
PowerScale Solution Design: Networking	ES502STG01279	On-Demand	2 hour
PowerScale Solution Design: Pools and Tiers	ES502STG01280	On-Demand	2 hour

PowerScale Solution Design: Preservation	ES502STG01281	On-Demand	3 hour
PowerScale Solution Design: Cluster Access	ES502STG01282	On-Demand	2.5 hour
PowerScale Solution Design: Monitoring	ES502STG01283	On-Demand	2 hour
PowerScale Solution Design: Verticals	ES502STG01284	On-Demand	1.5 hour
PowerScale Solution Design: Capacity Management	ES502STG01932	On-Demand	2.5 hour

Exam Blueprint:

Discover Customer Infrastructure and Requirements (14%)

- Capture and analyze the technical requirements for performance, capacity, and features that most accurately fit the business and solution needs
- Identify the use cases where PowerScale would be useful

PowerScale Infrastructure Design and Plan (18%)

- Provide a solution and subset of software features that best suit the customer's requirements
- Apply networking recommendations to a customer based on workload requirements

Platform Infrastructure (36%)

- Illustrate the use cases and operational functions performed by the OneFS Job Engine across cluster maintenance, data protection, and feature support
- Explain PowerScale filesystem structure
- Explain PowerScale networking (smart connect)
- Architect a PowerScale cluster based on available node types and network components

PowerScale Management, Identity Management, and Advanced Applications (24%)

- Account for specific customer continuity and protection requirements
- Differentiate between different security features and their proper use cases for data governance and compliance
- Identify client access permissions, client authentication and client protocol access on the PowerScale cluster

Monitor and Workflow Analysis tools (8%)

- Choose the correct tools to assess performance of the customer environment
- Determine the correct method to monitor and analyze a PowerScale solution