Dell PowerFlex Design v2 Exam

D-PWF-DS-01

Exam Description:

Step into the world of Designing the software-defined infrastructure solution that aggregates storage, compute, and networking resources into a unified platform, offering flexibility with options like rack-scale systems, appliances, and cloud-based consumption model with PowerFlex Design Certification. Whether you're seeking to grow your technical capabilities or pursue fresh career prospects, this exam validates your ability to design scalable, resilient and efficient PowerFlex solutions based on standardized architecture and best practices

Exam Details:

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

Target Audience:

Individuals in IT-related roles who seek the knowledge and skills to design PowerFlex Solutions: Solutions Architect, Systems engineer, Inside specialist engineer, Customer Experience Engineer

Recommended Training:

Course Title	Course Number	Modality	Duration
PowerFlex 4.X Appliance and Rack Design	ESCPXD05540	On-Demand	1.5 hour
PowerFlex 4.X Concepts	ESCPXD04482	On-Demand	1 hour
PowerFlex 4.X Administration	ESCPXD06963	On-Demand	10 hour

Exam Blueprint:

Assess Customer Requirements (10%)

- Conduct technical workshops
- Extrapolate key components of infrastructure

Define customer requirements (26%)

- Identify the optimal architecture from PowerFlex's flexible deployment options that aligns with customer strategy.
- Ensure technical alignment between current-state architecture and desired outcomes
- Identify the minimum actions, configurations, and resources required for the customer to meet or maintain PowerFlex baseline deployment standards.

Design the solution (48%)

- Select the appropriate node type(s) and models to meet the performance, resiliency, and expansion needs.
- Design a robust, scalable, and low-latency network to support PowerFlex traffic across all components.
- Ensure that all hardware components are compliant with Dell's configuration rules and validated
- Outline any actions required in order to prepare, or baseline an acceptable use case scenario of implementation
- Determine protection domains, fault sets and storage pool configuration when designing a Power Flex cluster
- Validate customer-defined solution requirements and recommend appropriate PowerFlex solution

Pre-deployment and configuration outline (16%)

- Deploy software components to interact across nodes
- Design the system with automation and manageability in mind using PowerFlex Manager
- Identify the customer requirements aligning to the feature sets of the RCM/IC of the PowerFlex solution