

Dell PowerFlex Implementation Achievement

EMC D-PWF-DY-A-00

Version Demo

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QUESTION NO: 1 - (SIMULATION)

Place the PowerFlex implementation steps in the correct order.

Steps

- Prepare the environment.
- Deploy the PowerFlex Management Controller
- Perform post-installation tasks.
- Deploy PowerFlex Manager Templates.
- Install PowerFlex Manager.

Correct Order

ANSWER: Check the explanation for the answer

Explanation:

Correct implementation order:

The environment must first meet all network, compute, storage, and virtualization prerequisites. The required PowerFlex Manager templates are then deployed, followed by deployment of the PowerFlex Management Controller. PowerFlex Manager can then be installed and configured on the management infrastructure. Finally, complete validation and other post-installation activities.

QUESTION NO: 2

An administrator has created a PowerFlex volume for an application server. Which two actions are required before the application server can consume the volume? (Select 2)

- A. Install the SDC on the application server.
- B. Map the volume to the application server SDC.
- C. Create a new protection domain.
- D. Install an SDS on the application server.
- E. Enable VMware vSphere HA for the application server.

ANSWER: A B

Explanation:

The application server requires an installed SDC and the PowerFlex volume must be mapped to that SDC. The SDC provides the host-side PowerFlex client service, while the mapping authorizes and presents the specific volume to the host.

Creating a new protection domain or storage pool is not required after the volume already exists. Installing an SDS on the application server would make the server a storage contributor, not a required consumer of the volume. vSphere HA is an availability policy and does not create PowerFlex volume access.

QUESTION NO: 3

What is the minimum number of nodes required to create a production PowerFlex Management Platform Cluster?

- A. 9

B. 1

C. 5

D. 3

ANSWER: D

Explanation:

A production PowerFlex Management Platform Cluster requires a minimum of **3** nodes. The management platform hosts the management and orchestration components needed to operate the PowerFlex environment, and three nodes provide the resilient cluster foundation required for production use. This design supports high availability: should one management-platform node become unavailable, the remaining nodes maintain cluster quorum and allow the management services to continue operating. A three-node configuration is therefore the minimum practical production topology, balancing service availability, quorum protection, and operational continuity. The minimum refers specifically to the PowerFlex Management Platform Cluster, rather than to a PowerFlex storage cluster or to a nonproduction deployment, which can have different sizing and availability requirements. Dell's PowerFlex documentation should be consulted for the applicable release because supported deployment workflows, hardware requirements, and management-component versions are release-specific. See the [Dell PowerFlex documentation library](#) and Dell's [PowerFlex product information](#) for platform and deployment guidance.