

# Dell EMC

*D-PSC-MN-23*  
*Dell Technologies PowerScale Maintenance 2023*

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**Product Version**

- 1. Up to Date products, reliable and verified.**
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# Latest Version: 6.0

## Question: 1

A platform engineer is installing a fully populated Dell PowerScale Gen 6 chassis in a customer rack. However, the equipment lift is broken. What is the appropriate course of action to take before attempting to lift the chassis?

Response:

- A. Remove the power supplies and hard drives, then rack the chassis.
- B. Remove the power supplies and drive sleds while waiting for the lift to be repaired.
- C. Stop work until the lift is repaired and fully functional.
- D. Remove and label the drive sleds and compute modules, then rack the chassis with assistance.

**Answer: D**

## Question: 2

Which network configurations are valid on a Dell PowerScale Gen 6 cluster that uses an Ethernet backend?

Response:

- A. IPv4 or IPv6 addressing, 1500 MTU, and 24-bit subnet mask
- B. IPv4 addressing only, 1500 MTU, and 48-bit subnet mask
- C. IPv6 addressing only, 1500 MTU, and 48-bit subnet mask
- D. IPv4 addressing only, 9000 MTU, and 24-bit subnet mask

**Answer: D**

## Question: 3

What is the recommended way to install a Dell PowerScale Gen 6 compute module in a chassis?

Response:

- A. Support the node with both hands and slide it into the node bay.
- B. Slide the release lever to the right and guide the node into the chassis.
- C. Close the module lever and slide the module into the chassis until it clicks.
- D. Loosen the thumbscrew on the release lever then slide the compute module into the chassis.

**Answer: A**

### Question: 4

In a Dell PowerScale Gen 6 cluster, which nodes work as a pair?

Response:

- A. Nodes in slots 1 and 2
- B. Nodes in slots 2 and 4
- C. Nodes in slots 1 and 3
- D. Nodes in slots 2 and 3

**Answer: A**

### Question: 5

What is the maximum number of Dell PowerScale Gen 6 chassis that can be installed in a 42U rack?

Response:

- A. 12
- B. 8
- C. 10
- D. 6

**Answer: C**

### Question: 6

How can an administrator verify that a node is successfully shut down?

Response:

- A. Verify the LEDs on the front panel are not lit.
- B. Execute the `isi status -q` command and see that the node is in a D--- status.
- C. Execute the `isi status -q` command and see that the node is in an A-- status.
- D. Try to access a share on the node and verify the share is inaccessible.

**Answer: B**

### Question: 7

According to Dell PowerScale best practices, which component may be replaced by the customer?

Response:

- A. Fan
- B. Battery
- C. M.2 vault card
- D. Power supply

**Answer: D**

### Question: 8

What are the necessary requirements for node class compatibility when adding new nodes to an existing cluster?

Response:

- A. Same node series, same amount of memory installed, and same back-end NIC port speed
- B. Same number of HDDs, same node model, same OneFS version above 9.0
- C. Same node series, same number of HDDs, same HDD and SSD layout
- D. Same OneFS version above 9.0, same back-end NIC port speed, same SED, and SSD security settings

**Answer: C**

### Question: 9

Which Dell PowerScale interface is the simplest to use for customers?

Response:

- A. OneFS command line
- B. Platform application interface
- C. Serial console
- D. Web administration interface

**Answer: D**

### Question: 10

When should the customer engineer document and register a Dell PowerScale system in the install base record?

Response:

- A. After racking the system
- B. Before racking the system
- C. Before OneFS has been initialized, configured, and updated

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D. After OneFS has been initialized and configured

<b>Answer: A</b>
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