

Dell PowerEdge XE9680 and XE8640 Install

EMC D-PEXE-IN-A-00

Version Demo

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QUESTION NO: 1

A PowerEdge XE9680 has been raised to the correct rack-unit height on a server lift. The inner rails have been aligned with the installed rack rails, but the chassis has not yet been fully inserted.

Which two actions are appropriate during this stage of the installation? Select two.

- A. Keep the server supported by the lift during rail engagement.
- B. Guide the chassis evenly so that both rails engage together.
- C. Remove the lift as soon as the front of the chassis enters the rack.
- D. Force the server forward if it stops at a rail-lock position.
- E. Allow one rail to carry the chassis weight while the other rail is aligned.

ANSWER: A B

Explanation:

The server must remain supported by the lift while it is being inserted, and the engineer should guide the chassis evenly so that both inner rails engage the outer rails at the same time. These actions prevent rail binding and avoid placing an uncontrolled load on one side of the rack hardware.

The lift should not be removed until the server is fully seated and secured. If the server stops at the rail-lock position, the correct action is to use the rail-lock release mechanisms rather than force the chassis into the rack.

QUESTION NO: 2

A deployment engineer has installed Linux on a PowerEdge XE8640 and has completed an approved GPU driver update. The system was rebooted as required by the driver installation procedure.

What should the engineer verify before handing the server to the customer?

- A. Verify that the operating system reports the intended driver version and detects the installed GPUs.
- B. Replace the installed GPUs with a different model before validating the driver.
- C. Reinstall the operating system before checking the GPU driver status.
- D. Assume that the driver is active because the package installation completed.

ANSWER: A

Explanation:

The engineer should verify that the operating system loads the intended driver version and detects the installed GPU hardware correctly. This confirms that the driver module was loaded after the reboot and that the driver update did not leave the GPU devices unavailable to the operating system.

Successful completion of a package installation alone does not prove that the driver is active. Replacing the installed GPUs or reinstalling the operating system is not an appropriate first validation step when the update completed normally.

QUESTION NO: 3

A PowerEdge XE9680 has four installed PSUs. The customer provides two rack power sources, with separate PDUs fed by each source.

How should the deployment engineer connect the PSUs to provide input-power redundancy?

- A. Connect all four PSUs to outlets on the same power source.
- B. Connect two PSUs to each independent power source.
- C. Connect three PSUs to one power source and leave one PSU disconnected.
- D. Connect one PSU to one power source and leave the remaining PSUs disconnected.

ANSWER: B

Explanation:

The four PSUs should be divided across the two independent power sources. A balanced connection, such as two PSUs to PDUs supplied by one source and two PSUs to PDUs supplied by the other source, allows the server to retain power when one upstream power path is unavailable.

Connecting all PSUs to one source does not provide source redundancy, even if separate PDU outlets are used. Connecting only one PSU leaves the platform without the intended redundant PSU operation.