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DCPPE-200

Dell EMC PowerEdge Professional Exam

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QUESTION 1

An engineer needs to update BIOS in the following environment: -Over 100 servers are spread over 10 chassis -All servers are in the same data center -The only maintenance window is late Sunday evening when OS patches are applied and servers are rebooted -Less than 10 minutes of additional downtime per server is allowed

What is the most effective update strategy?

A. Select On Next Reboot when applying the BIOS update via CMC before OS patches are performed.

B. Use Dell Repository Manager to create an ISO with the update that can be booted as part of the OS patch reboot process.

C. Configure each iDRAC to update from a network share that has a catalog and associated update package to be applied.

D. Run the Dell Update Package (DUP) on each server with the defer reboot option before the OS patch and associated reboot is done.

Answer: A

QUESTION 2

An engineer is responsible for data center bare metal deployment. The engineer deploys hundreds of servers each week and must repeatedly deploy a standard hardware (HW) configuration and put the OS on the bare metal servers.

How should the engineer automate some of these tasks?

A. Use OpenManage Essentials to replicate server HW using template and deploy OS

B. Use iDRAC/LC GUI to configure server HW and deploy OS.

C. Use DHCP enabled server configuration profiles and install OS with Lifecycle Controller.

D. Use iDRAC/LC GUI to configure HW and PXE boot to OS installation.

Answer: A

QUESTION 3

An engineer needs to perform hardware configuration, including RAID, on a new batch of 30 identical server nodes. OpenManage Essentials is installed, and the sever nodes have been discovered via iDRAC.

The engineer needs the most efficient way to replicate the configuration from a single configured system without losing connectivity to the iDRAC.

How should the engineer perform this task?

A. Use racadm to export an SCP with the --replace flag, and import the SCP to the other server nodes.

B. Use racadm to export a Server Configuration Profile (SCP) with the --duplicate flag, then import the SCP to the other server nodes.

C. Complete the Getting Started for Deployment Steps; perform inventory, create a template, and deploy the created template to the server nodes.

D. Complete the Getting Started for Compliance Steps; perform inventory, create a template, and associate the server nodes to the created template.

Answer: C

QUESTION 4

An engineer configures an Alert Action in the CMC to send an email on Warning and Critical events. Chassis fan and power events are showing up as expected. Server-specific failures such as memory module failures only indicate that the server has gone into a Critical or Warning state.

What additional configuration needs to be done to be informed via email of the detailed server failure?

A. Select Server Event under Monitored Alerts Category in CMC.

B. Email Alert Action for Critical and Warning errors on all iDRACs.

C. Set Include System Event Log (SEL) option in CMC email action.

D. Enable Forward iDRAC events to CMC error log in iDRAC.

Answer: C

QUESTION 5

An engineer needs to use OME to monitor 4000 servers in the environment.

Which two tasks should the engineer perform to improve OME performance and scalability? (Choose two.)

A. Increase OME discovery/inventory frequency

B. Install OME on a physical server

C. Install OME in a virtual server

D. Use an external SQL instance

Answer: AD

QUESTION 6

An engineer is updating the IOM Infrastructure Device firmware from the CMC GUI. The IOMINF device is NOT listed as a device that can be updated.

What is causing this issue?

A. IOMINF firmware is up to date.

B. IOMINF firmware can NOT be updated from CMC.

C. The update can only be done using racadm commands.

D. CMC firmware is NOT updated.

Answer: A

Explanation: The IOM Infrastructure Device Firmware (IOMINF) is the interface between the IOM Device (Fabric Device / IO Module) and the CMC. What you are seeing is only visible if the current revision on the device and the component image on the CMC do not match. If the IOMINF firmware is up-to-date it will not show. The update for the IOMINF resides in the CMC File System update. So when you run the CMC update the IOMINF will update as well and you shouldn't see it in the CMC afterwards.