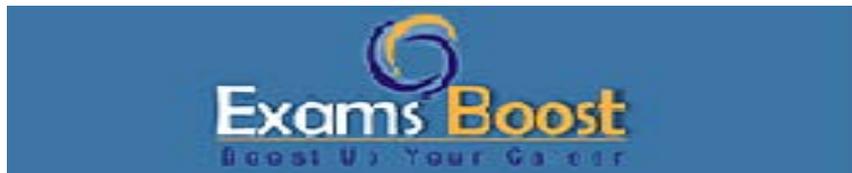


# Dell EMC

## D-PE-OE-01

### Dell PowerEdge Operate v2 Exam



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### Product Version

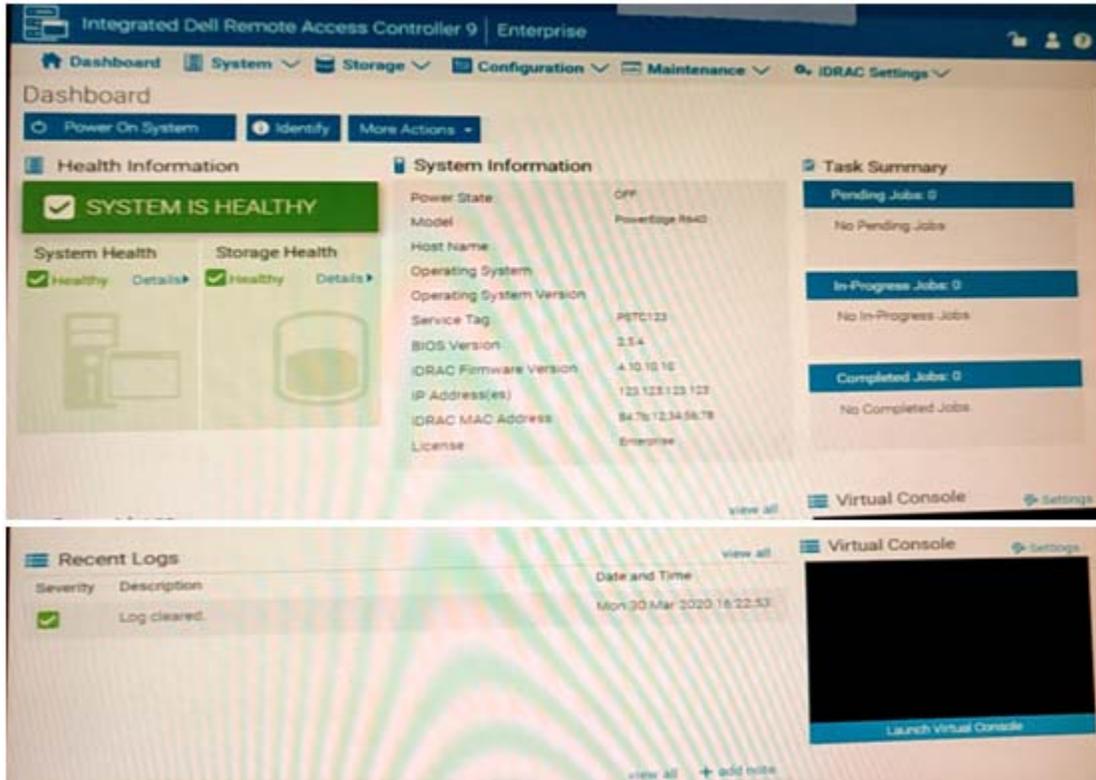
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## Question: 1

A technician wants to remotely log in to a server but finds that the iDRAC virtual Console feature is not available. Use the simulator to explore the system.

What is the cause of this issue? Note: It is necessary to close (x) the simulator window before you can select a response to this question.



- A. The Virtual Console is disabled
- B. Operating system not installed on remote server
- C. The server has been powered down
- D. There are more than the maximum number of active sessions

**Answer: C**

## Question: 2

What is a requirement to operate GPUs in a Dell EMC PowerEdge R740 server?

- A. All GPU cards must be installed at the same time

- B. All GPU cards must be of the same type but can be a different model
- C. All GPU cards must be of the same type and model
- D. All GPU cards must be installed on the same riser card

**Answer: C**

### Question: 3

What happens when the Hardware Root of Trust fails to validate the BIOS?

- A. Boot Guard switches over to the backup BIOS and logs a warning in the system event log.
- B. Automated BIOS Recovery process recovers the BIOS from the DUP saved in the control panel.
- C. The server continues running and logs a critical error in the system event log.
- D. The server shuts down and logs a critical error in the system event log.

**Answer: D**

### Question: 4

A technician receives a new server with five drives.

They need to configure the drives based on the following requirements received from the administrator:

- Drive 0 as a single disk with no RAID
- Drives 1-3 as a RAID 5 with drive 4 as a hot spare just for this newly created RAID 5

The administrator plans to add more disks as separate RAID arrays at a later date but only wants drive 4 to be available for this first RAID 5 set.

How should the technician configure the drives?

- A. Set drive 0 to Ready; set drives 1-3 as RAID 5; set drive 4 as a Global Hot Spare
- B. Set drive 0 to Non-Raid; set drives 1-3 as RAID 5; set drive 4 as a Dedicated Hot Spare
- C. Set drive 0 to Non-Raid; set drives 1-3 as RAID 5; set drive 4 as a Global Hot Spare
- D. Set drive 0 to Ready; set drives 1-3 as RAID 5; set drive 4 as a Dedicated Hot Spare

**Answer: B**

### Question: 5

A technician must update the firmware on a server, but has no network connectivity.

What can the technician use to update the BIOS and iDRAC/ lifecycle Controller firmware?

- A. OpenManage Server administrator DVD
- B. ftp dell.com
- C. NFS share

D. USB key with Dell Update Package

**Answer: A**

### Question: 6

A Dell EMC PowerEdge server has been updated with an LCC and iDRAC DUP to the latest firmware when performing a firmware rollback?

- A. The LCC can be rolled back; the iDRAC cannot be rolled back
- B. The iDRAC cannot be rolled back and the LCC cannot be rolled back
- C. The iDRAC can be rolled back; the LCC cannot be rolled back
- D. Both the iDRAC and the LCC can be rolled back

**Answer: D**

### Question: 7

A technician wants to configure the iDRAC on a new server using the iDRAC Quick Sync 2 feature. What is required to use this feature?

- A. OpenManage Mobile App installed on an Android or iOS device
- B. OpenManage Mobile App installed on a laptop
- C. Quick Sync enabled bezel
- D. iDRAC Enterprise license

**Answer: A**

### Question: 8

Which is responsible for controlling the NVMe disks, when using a Paddle Card in a PowerEdge 15G server?

- A. S150
- B. HBA355
- C. H745

**Answer: A**

### Question: 9

A technician needs to configure a server to allow the OS to manipulate processor frequencies for higher power efficiency.

Which setting can they enable to achieve this?

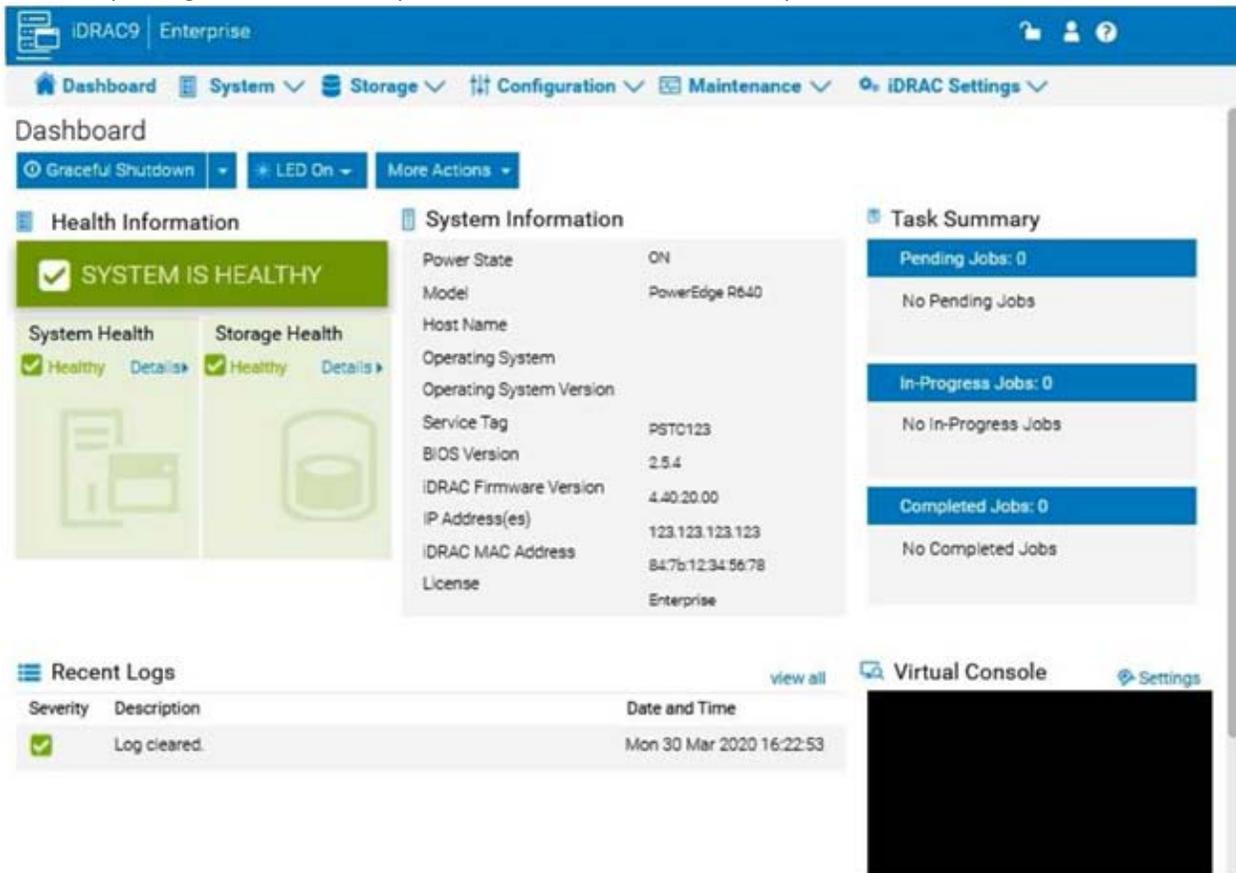
- A. Logical Processing
- B. Performance per Watt (DAPC)
- C. Adjacent Cache Line Prefetch
- D. Performance per Watt (OS)

**Answer: D**

## Question: 10

### SIMULATION

The system administrator cannot boot their R660 server. To help troubleshooting, use the iDRAC UI to enable capturing the full POST sequence for the next time it attempts to boot.



A. Answer in Explanation

## Answer: A

### Explanation:

To enable capturing the full POST (Power-On Self-Test) sequence using the iDRAC interface, follow these steps:

#### Step-by-Step Guide:

##### Log into the iDRAC Interface:

Access the iDRAC UI using the server's IP address from a web browser.

Enter your credentials to log in.

##### Navigate to System BIOS Settings:

Go to the Configuration tab on the top menu.

Select BIOS Settings from the dropdown menu. This will take you to the settings where you can manage BIOS-related configurations.

##### Enable POST Sequence Logging:

In the BIOS Settings, look for an option related to POST Behavior or Boot Sequence Capture. Enable Verbose Mode or Capture Full POST Sequence. This setting ensures that the entire POST process is logged in detail during the next boot attempt.

Alternatively, if there is a specific setting for Capture System Boot Logs, enable it to ensure detailed logging during POST.

##### Apply the Changes:

After enabling the POST capture option, click Apply or Save.

iDRAC may prompt for confirmation or inform you that changes will take effect upon the next reboot.

Confirm any prompts as required.

##### Restart the Server (if necessary):

If the server is currently off, attempt to power it on. If it's on, you may need to perform a Graceful Shutdown followed by a restart to initiate the POST sequence.

##### Review POST Logs After Reboot:

Once the server attempts to boot, return to the iDRAC Logs section to review the captured POST logs.

Go to Maintenance > System Event Log or Lifecycle Log to view the detailed logs from the POST sequence. This can help diagnose why the server is failing to boot.

By enabling this setting, you will capture detailed information during the POST process, which can then be reviewed to identify any hardware or configuration issues preventing the server from booting successfully.

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