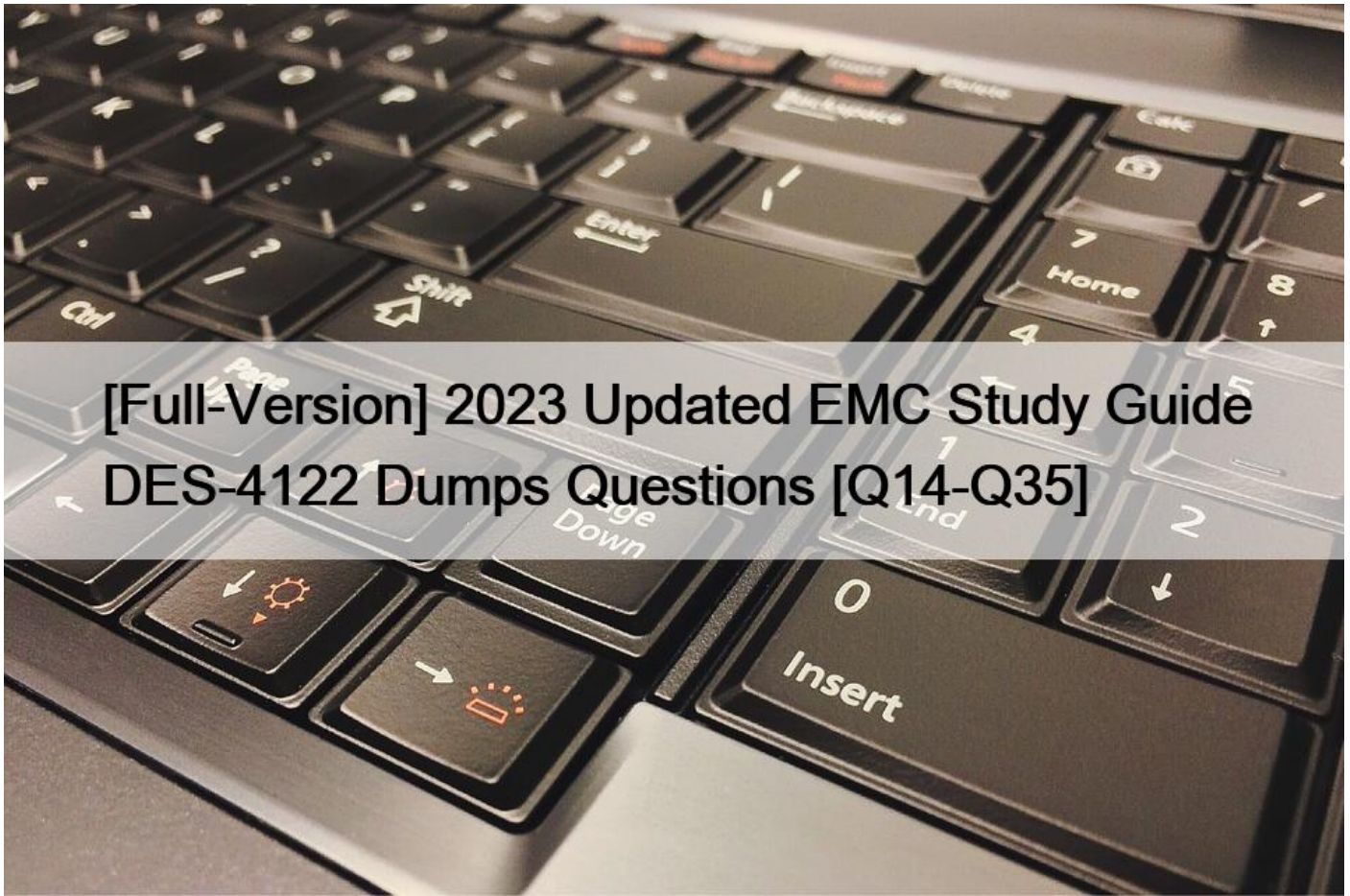


## [Full-Version 2023 Updated EMC Study Guide DES-4122 Dumps Questions [Q14-Q35]



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Newest DES-4122 Exam Dumps Achieve Success in Actual DES-4122 Exam

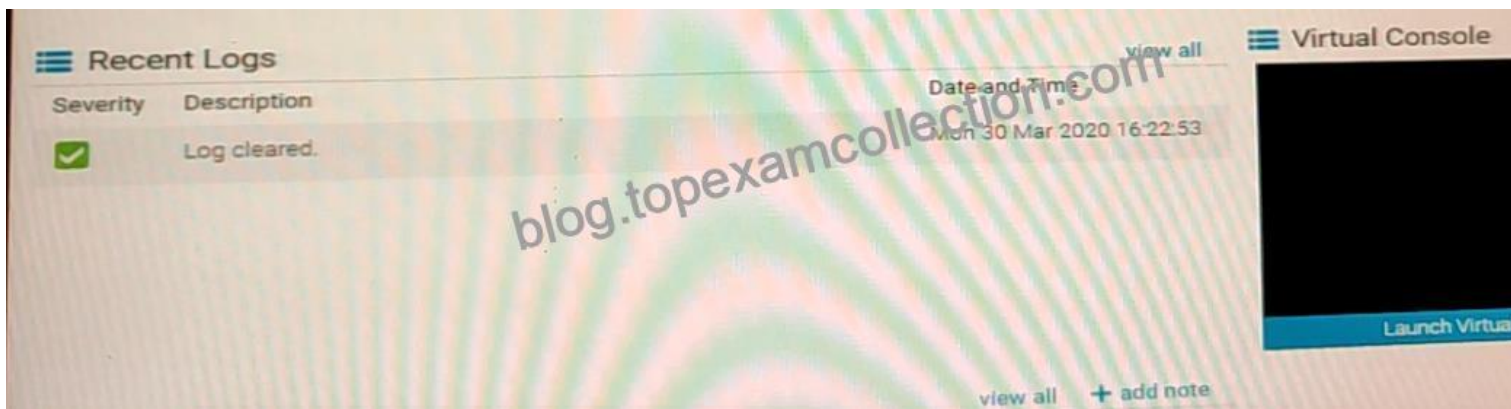
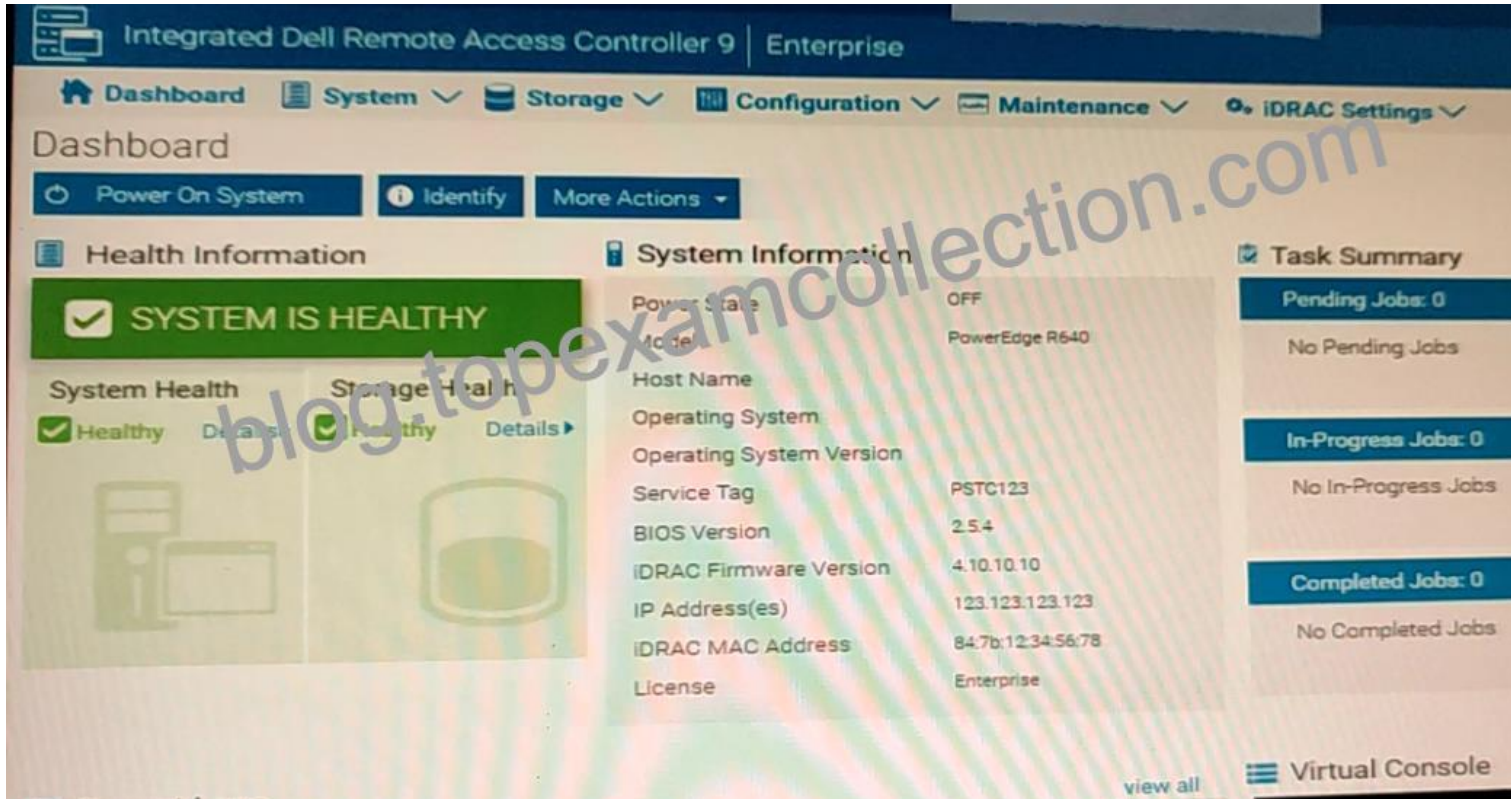
EMC DES-4122 Exam is an essential certification for professionals who want to advance their careers in the field of server administration. Specialist - Implementation Engineer, PowerEdge Exam certification validates the candidate's expertise in implementing and managing PowerEdge servers, which are widely used in enterprise-level organizations. Specialist - Implementation Engineer, PowerEdge Exam certification opens up new career opportunities for professionals and helps them to enhance their skills and knowledge in server administration. Specialist - Implementation Engineer, PowerEdge Exam certification is also a prerequisite for other advanced Dell EMC certifications, such as the Specialist - Implementation Engineer, VxRail Appliance Exam.

**Q14.** What is required for iDRAC Direct 2.0 to connect with IDRAC9 interfaces such as RACADM and WSMAN?

- \* Wi-Fi connection
- \* NFC connection
- \* Ethernet cable

\* Micro-AB USB

**Q15.** 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.

- \* The Virtual Console is disabled
- \* Operating system not installed on remote server
- \* The server has been powered down
- \* There are more than the maximum number of active sessions

**Q16.** A technician installs eight servers into a fully operational rack with top of rack switch. Each server has a quad 1Gb NIC and

redundant power supplies The company uses iDRAC in shared LOM mode with LOM1 as the selected NIC What should the technician do to verify iDRAC connectivity on each server?

- \* iDRAC Datacenter license is installed.
- \* Ethernet port LOM1 is cabled and the link light is green.
- \* iDRAC dedicated NIC port is cabled and the link light is green
- \* iDRAC Enterprise license is installed

**Q17.** An engineer needs to install an additional PSU on an existing, single PSU Dell EMC PowerEdge R740. They complete the initial installation and cabling procedures. They connect an AC cable and the power distribution unit produces normal AC output. The engineer checks power management and sees that the new PSU is in the Failed state.

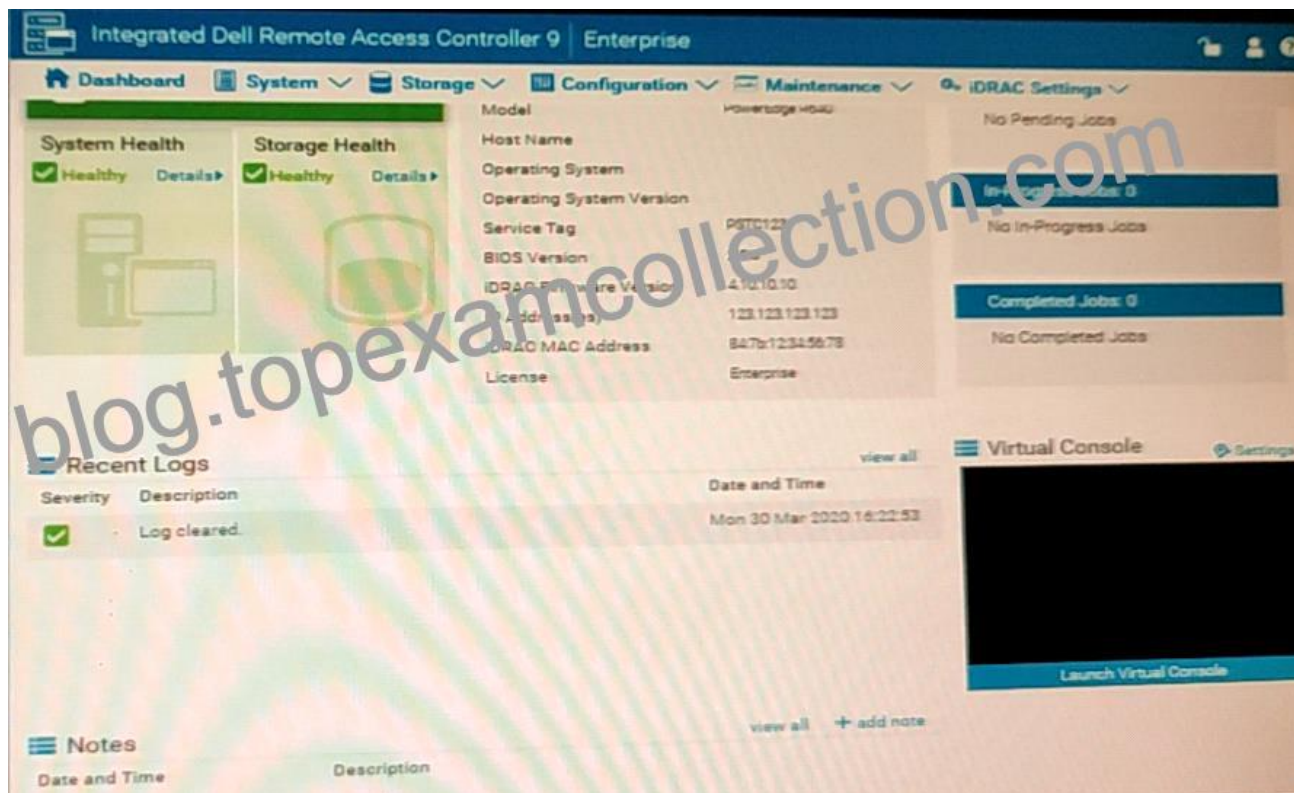
What task should be completed to troubleshoot this issue?

- \* Confirm the System Input Power CAP is not set to Low
- \* Set the PSU AC redundancy to 1+1
- \* Set the PSU AC redundancy to 1+0
- \* Verify the new PSU is the same type and wattage rating

**Q18.** How can a technician know whether iDRAC9 System Lockdown mode is enabled?

- \* Lockdown activation message in red box in the iDRAC web GUI Access to LCC is disabled when the server boots
- \* Lockdown activation message in red box in the iDRAC web GUI Access to LCC requires a password when the server boots
- \* Lockdown activation message in yellow box in the iDRAC web GUI Access to LCC is disabled when the server boots
- \* Lockdown activation message in yellow box in the iDRAC web GUI Access to LCC requires a password when the server boots

**Q19.** You are Investigating a disk error on a Dell EMC PowerEdge server and discover a Hot Spare has not been assigned to the Virtual Disk Group. Use the simulator to assign the Global Hot Spare. When you have finished using the simulator, click Next.



- \* Send us your suggestion for this simulation task.

\* A technician wants to

**Q20.** Where is the data stored to allow Easy Restore to successfully complete a system board replacement?

- \* NAND Flash module on the disk drive mid plane
- \* iDRAC SD card
- \* vFlash SD card
- \* Serial Flash storage in the server's front panel

**Q21.** A technician is creating a virtual disk in the iDRAC (2x 4 TB NL-SAS in RAID 1) to install Windows 2016. They manually boot to the OS installation media without using the Lifecycle Controller OS Deployment wizard. Only the first 2048 GB on the virtual disk can be partitioned. How should the technician obtain access to the remaining 2 TB (approximately) of storage?

- \* Use the Lifecycle Controller OS Deployment Wizard to deploy the OS on this server
- \* Delete the 4 TB virtual disk and create a virtual (boot) disk no larger than 2048 GB
- \* Upgrade to a newer version of the operating system
- \* Use F2 to go into the BIOS, change the BIOS boot mode to UEFI, and try again

**Q22.** What is the purpose of the Silicon-Based Hardware Root of Trust feature in Dell EMC PowerEdge 14G servers?

- \* Ensures that the installed operating system is authentic
- \* Ensures that the server has a valid Service Tag number
- \* Ensures that no unauthorized BIOS or firmware codes are run
- \* Ensures that the server boots only when connected to a verified network

**Q23.** How can the ePSA be accessed?

- \* iDRAC
- \* Lifecycle Controller
- \* VMware vSphere plug-in
- \* OMSA

**Q24.** A technician is sent on-site to troubleshoot a server that produced an error message during the most recent POST, but then completed the POST and booted to the operating system. The user cannot remember the specific error and no entry was made in the error log relating to this error.

How can the technician find out what the error message was?

- \* Access the Lifecycle Controller and view the last boot cycle video capture entry
- \* Reload the BIOS firmware
- \* Export the Server profile and analyze for any POST errors
- \* Access the iDRAC and view the last boot cycle video capture entry

**Q25.** A technician working with a Dell EMC PowerEdge 14G server takes corrective action?

- \* Check the System Event Log

Check PSU LED

Reseat the PSU

- \* Check the System Event Log

Check PSU LED

Do a virtual reseat of the iDRAC

- \* Check the LCC Log

Check PSU LED

Reseat the CPU

- \* Check the LCC Log

Check PSU LED

Reseat the PSU

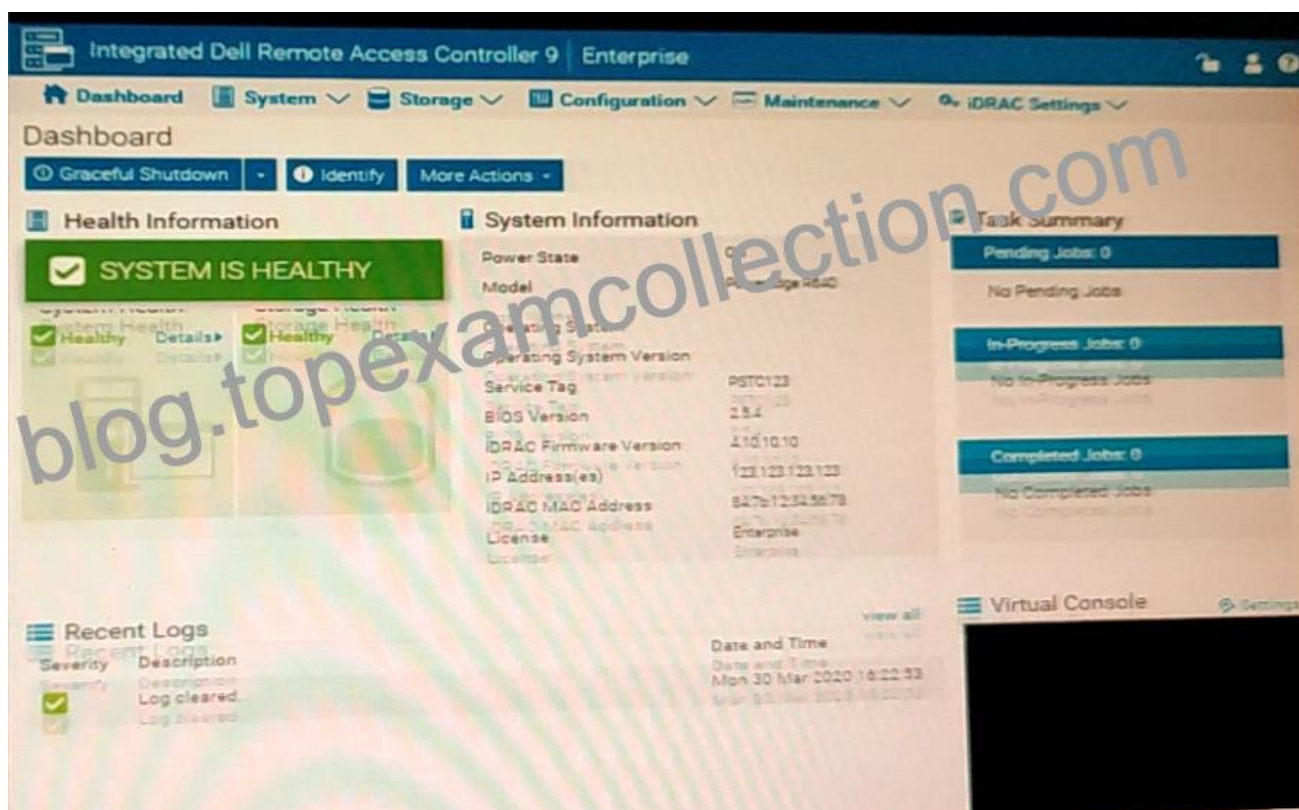
**Q26.** A technician is sent on-site to troubleshoot a server that produced an error message during the most recent POST, but then completed the POST and booted to the operating system. The user cannot remember the specific error and no entry was made in the error log relating to this error.

How can the technician find out what the error message was?

- \* Access the Lifecycle Controller and view the last boot cycle video capture entry
- \* Reload the BIOS firmware
- \* Export the Server profile and analyze for any POST errors
- \* Access the iDRAC and view the last boot cycle video capture entry

**Q27.** For a temporary migration task the CPU core count on the Dell EMC PowerEdge R640 server needs to be reduced to 8 because the installed application will not work due to license restrictions. Use the simulator to apply the change so the application can be installed.

When you have finished using the simulator, click Next.



- \* Send us your suggestion for this simulation task.
- \* A technician wants to

**Q28.** A technician needs to repurpose a Dell EMC PowerEdge server. The server has dual processors with 18 cores each. The OS only uses 24 threads in total.

Which setting should the technician change in Processor Settings in the System BIOS?

- \* System Profile
- \* Virtualization Technology
- \* HyperThreading
- \* Number of Cores per Processor

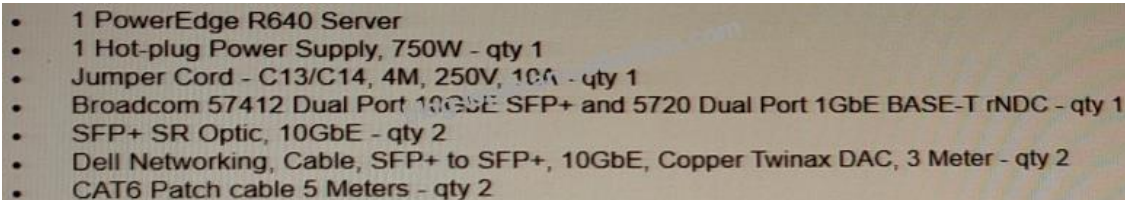
**Q29.** Which processor configuration is used by the Dell EMC PowerEdge R740 server?

- \* 4 socket AMD
- \* 2 socket AMD
- \* 2 socket Intel
- \* 4 socket Intel

**Q30.** You must configure a BOSS card with 2 x 120GB drives for a Dell EMC PowerEdge server. What is the only supported mode?

- \* RAID 0
- \* RAID 5
- \* RAID 1
- \* Non-RAID Mirroring

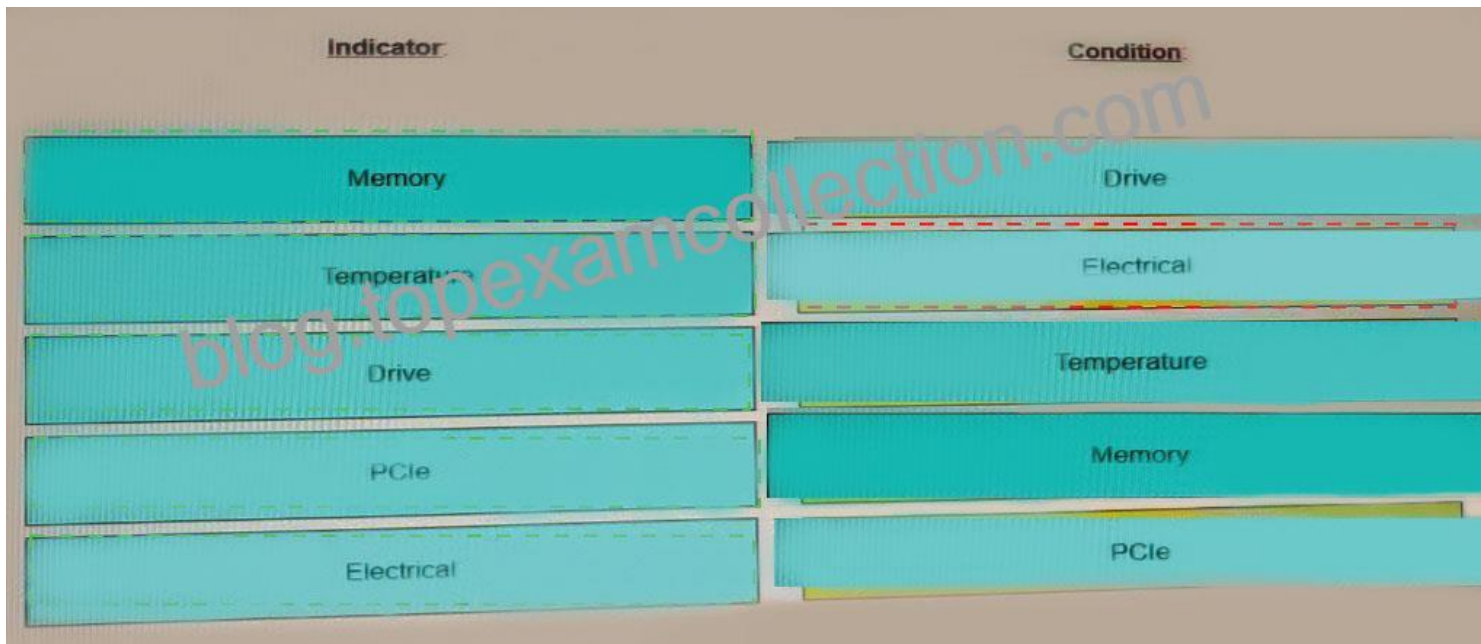
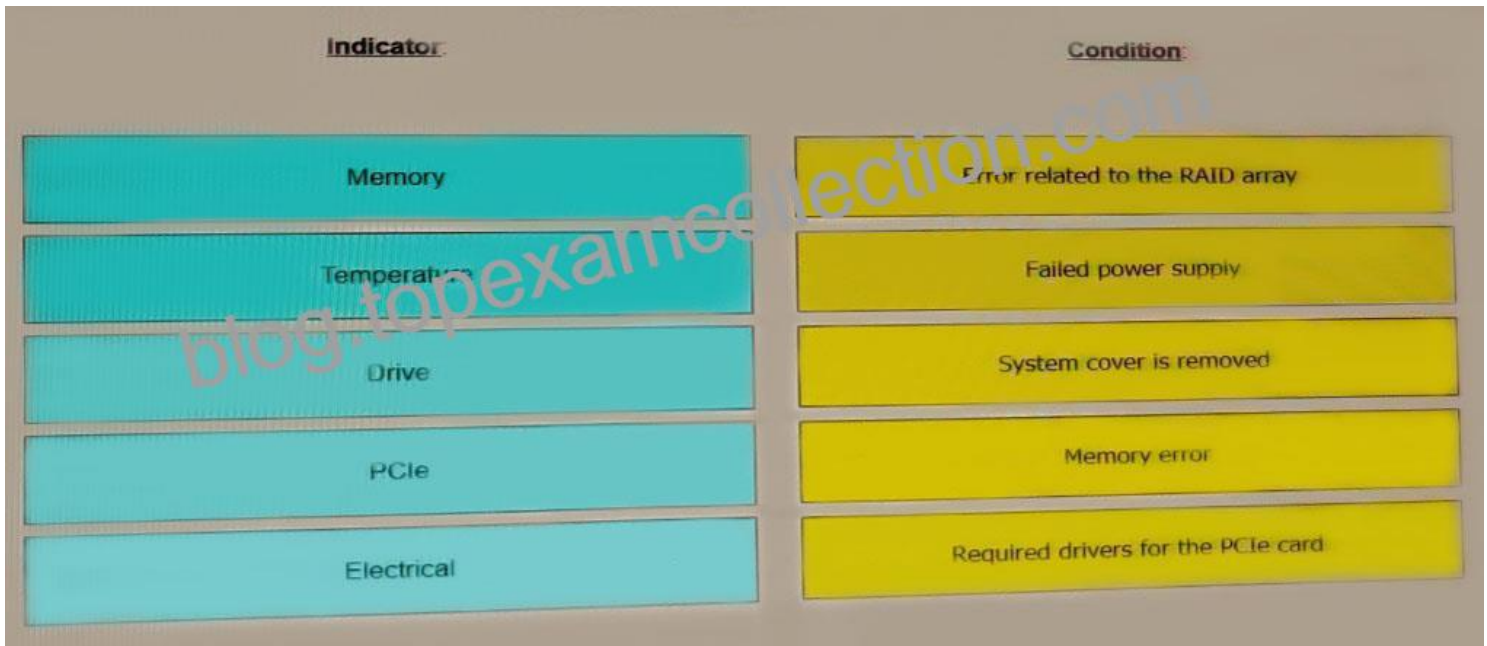
**Q31.** An engineer is checking a newly delivered Dell EMC PowerEdge R640 server that will be deployed for a new database environment. The inventory consists of:

- 
- 1 PowerEdge R640 Server
  - 1 Hot-plug Power Supply, 750W - qty 1
  - Jumper Cord - C13/C14, 4M, 250V, 16A - qty 1
  - Broadcom 57412 Dual Port 10GbE SFP+ and 5720 Dual Port 1GbE BASE-T rNDC - qty 1
  - SFP+ SR Optic, 10GbE - qty 2
  - Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax DAC, 3 Meter - qty 2
  - CAT6 Patch cable 5 Meters - qty 2

The server power configuration will be set for gnd redundancy. The management switch is 1000 Base-T and the top of rack switches are 10Gb. What additional component(s) is needed for this configuration?

- \* Hot-plug power supply, 750 W &#8211; qty 1
- \* Hot-plug power supply, 1100W &#8211; qty 1
- \* Dell Networking, cable, 40GbE (QSFP+) to 4 x 10GbE SFP+ passive copper breakout cable, 3 meters &#8211; qty 2
- \* C20 to C21, PDU style, 250 V, 16 Amp, 3.5 meters power cord &#8211; qty 2

**Q32.** Match each status LED indicator on the Dell EMC 14G PowerEdge server with its corresponding condition.



Q33. What happened on April 30, 2019?

The screenshot shows the 'Integrated Dell Remote Access Controller 9 | Enterprise' dashboard. At the top, there are navigation tabs for Dashboard, System, Storage, Configuration, Maintenance, and iDRAC Settings. The main content area is divided into several sections:

- Health Information:** A large green banner states 'SYSTEM IS HEALTHY'. Below it, 'System Health' and 'Storage Health' are both marked as 'Healthy' with green checkmarks and 'Details' links.
- System Information:** A list of system details including Power State, Model (PowerEdge R640), Host Name, Operating System, Operating System Version, Service Tag (PSTC123), BIOS Version (2.5.4), iDRAC Firmware Version (4.10.10.10), IP Address(es) (123.123.123.123), iDRAC MAC Address (84:7b:12:34:56:78), and License (Enterprise).
- Task Summary:** A sidebar on the right showing 'Pending Jobs: 0', 'In-Progress Jobs: 0', and 'Completed Jobs: 0', each with a 'No [Job Type] Jobs' status.
- Recent Logs:** A table with columns for Severity, Description, and Date and Time. The first entry shows a green checkmark for the description 'The input power for power supply 2 has been restored.' with a timestamp of 'Mon 23 Mar 2020 12:06:20'.

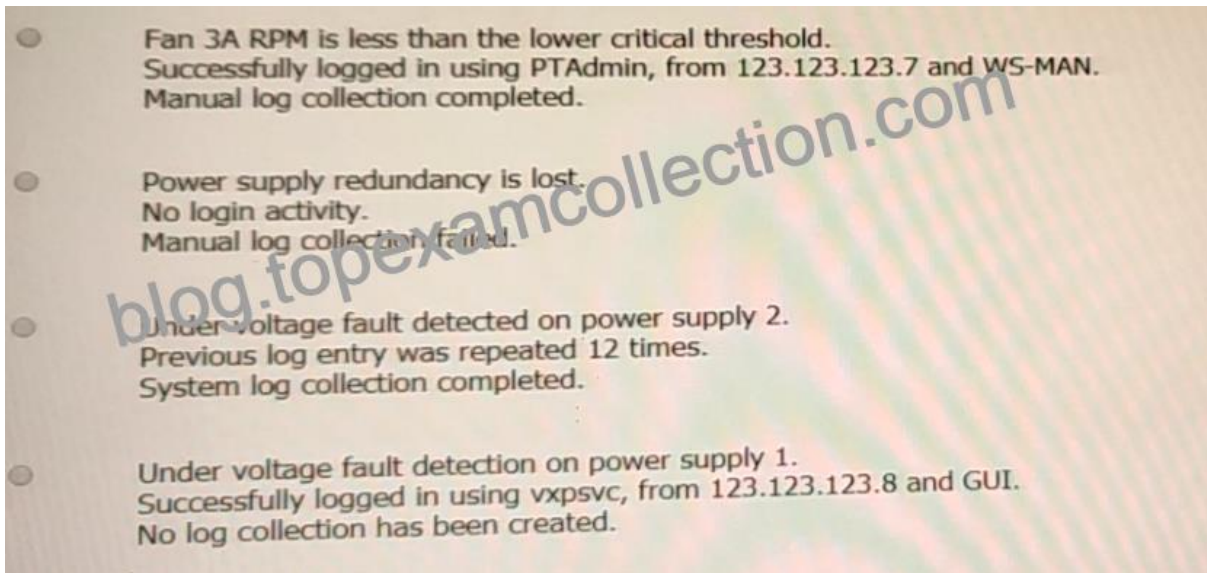
This is a close-up view of the 'Recent Logs' section from the dashboard. It displays a table with the following data:

Severity	Description	Date and Time
✓	The input power for power supply 2 has been restored.	Mon 23 Mar 2020 12:06:20
✓	The power supplies are redundant.	Mon 23 Mar 2020 12:06:12
✗	The power input for power supply 2 is lost.	Mon 23 Mar 2020 12:06:09
✓	The power supplies are redundant.	Fri 14 Feb 2020 12:38:08
✓	Power supply 1 is operating normally.	Fri 07 Feb 2020 08:59:30

At the bottom of the logs table, there are links for 'view all' and '+ add note'. To the right of the logs, there is a 'Virtual Console' section with a 'Launch Virtual' button.

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





- \* Option A
- \* Option B
- \* Option C
- \* Option D

**Q34.** A company that has very specific firmware requirements has acquired Dell EMC PowerEdge servers. Any replaced parts of the type must match the original parts identically. The procedure must be as simple as possible with minimal risk.

What action should a technician take to help accomplish this goal?

- \* Configure servers to access the remote firmware repository
- \* Enable the Match Firmware of Replaced Part setting in the system BIOS
- \* Install and configure a repository manager
- \* Enable the Collect System Inventory On Restart (CSIOR) attribute

**Q35.** You must configure a BOSS card with 2 x 120GB drives for a Dell EMC PowerEdge server. What is the only supported mode?

- \* RAID 0
- \* RAID 5
- \* RAID 1
- \* Non-RAID Mirroring

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