

Dell Poweredge Foundations 2023 Exam

1. Which type of drive is an array of semiconductor memory organized as a disk drive that uses an integrated circuit?

A. SAS

B. SATA

C. PATA

D. SSD

Answer(s): D

2. Which type of hypervisor is shown in the graphic?

A. Type 2 - hosted

B. Type 1 - bare metal

C. Type 1 - nested

D. Type 2 - converged

Answer(s): A

3. A server administrator wants to transfer files between a workstation and a server. It needs to be as simple as possible, without concern for security or advanced functionality.

A. TFTP

B. SFTP

C. HTTP

D. SMTP

Answer(s): A

4. What are characteristics of a UTP Ethernet cable?

A. High noise and lower costs

B. Less susceptible to noise and higher costs

C. Less susceptible to noise and lower costs

D. High noise and higher costs

Answer(s): A

5. Which technology currently offered by Dell EMC will allow the customer to store large amounts of data to meet their long-term requirements?

A. SAIT

B. DAT

C. LTO

D. SDLT

Answer(s): C

6. What is RAM used for in a Dell PowerEdge server?

A. RAID storage

B. Archive storage

C. Volatile memory

D. NVMe cache

Answer(s): C

7. Where in the iDRAC UI can the iDRAC be reset to its default settings?

A. Maintenance > Diagnostics

B. Maintenance > Troubleshooting

C. Troubleshooting > SupportAssist

D. Troubleshooting > Diagnostics

Answer(s): A

8. Which type of addressing does UEFI boot mode use?

A. 512 byte

B. 128 bit.

C. Virtual

D. 64 bit

Answer(s): B

9. What is a role and responsibility of virtual memory?

A. Mapping process address space to disks

B. Enables unified PCI operations

C. Enables zero copy operating system operations

D. Executes a sequence of stored instructions

Answer(s): C

10. A system administrator wants to remove and replace their operating system installation with a newer version. The administrator is using a Dell EMC Rack server with an iDRAC set up correctly.

A. iSM, Repository Manager, and Virtual Console

B. iDRAC, SupportAssist, and Virtual Console

C. iDRAC, OMSA, and iSM

D. iDRAC, Virtual Console, and Virtual Media

Answer(s): D

11. What is the amount of hard drives request per RAID set, when configure RAID 50?

A. 6

B. 3

C. 2

D. 4

Answer(s): A

12. What is the correct order of steps to configure a Dell PowerEdge server for HTTP boot in UEFI mode?

A. a) Select HTTP Device Settings.b) Boot into F2 System Setup.c) Select UEFI for Boot Mode.d) Select System BIOS and Boot Settings.e) Select System BIOS and Network Settings.f) Select Finish and Reboot Server into System Setup.

B. a) Select UEFI for Boot Mode.b) Select Finish and Reboot Server into System Setup.c) Boot into F2 System Setup.d) Select HTTP Device Settings.e) Select System BIOS and Network Settings.f) Select System BIOS and Boot Settings.

C. a) Select HTTP Device Settings.b) Select System BIOS and Network Settings.c) Boot into F2 System Setup.d) Select System BIOS and Boot Settings.e) Select UEFI for Boot Mode.f) Select Finish and Reboot Server into System Setup.

D. a) Select System BIOS and Network Settings.b) Select UEFI for Boot Mode.c) Boot into F2 System Setup.d) Select System BIOS and Boot Settings.e) Select HTTP Device Settings.f) Select Finish and Reboot Server into System Setup.

E. a) Select UEFI for Boot Mode.b) Select HTTP Device Settings.c) Boot into F2 System Setup.d) Select System BIOS and Boot Settings.e) Select System BIOS and Network Settings.f) Select Finish and Reboot Server into System Setup.

F. a) Select HTTP Device Settings.b) Select System BIOS and Boot Settings.c) Select UEFI for Boot Mode.d) Boot into F2 System Setup.e) Select System BIOS and Network Settings.f) Select Finish and Reboot Server into System Setup.

Answer(s): E

13. A data center technician recently added several fully populated racks containing Dell EMC servers to an existing data center. A few days later, clients started expressing concern about their systems randomly shutting down due to temperature related errors.

A. Hot aisle containment

B. Increasing system temperature

C. Reducing airflow

D. Exhaust gas recirculation

Answer(s): A

14. A server administrator is deploying Windows 2016 Hyper-V. The virtual machines within the infrastructure will be communicating with each other. They will also be communicating with other network services and legacy systems that are hosted on a physical server.

A. Distributed switch

B. Internal switch

C. Private switch

D. External switch

Answer(s): D

15. A system administrator is securing the company's out-of-band management solution on Dell EMC PowerEdge servers. They want to use a security feature that can protect their configuration from any unintentional or accidental changes after the system is provisioned.

A. System Lookdown Mode

B. RSA SecureID Authentication

C. Boot Guard

D. Trusted Platform Module

Answer(s): A

16. Which protocol allows a user to retrieve emails from an email server to a local client?

A. FTP

B. HTTP

C. SMTP

D. IMAP

Answer(s): D

17. A data center technician is informed of a hardware problem on a server. The technician is requested to physically inspect the server without rebooting the operating system.

A. Access the Lifecycle Controller

B. Perform a scan using OpenManage Essentials

C. Update the BIOS

D. Review the LCD front panel display

Answer(s): D

18. A server administrator needs to change the settings of their iDRAC utilizing just the front panel.

A. LED Only

B. LCD Only

C. LED with Quick Sync 2

D. Both LCD and LED

Answer(s): B

19. Where can an administrator view alerts in the iDRAC?

A. Help > QR Code

B. Maintenance > System event log

C. Quick Sync > QR Code

D. Settings > Alerts

Answer(s): B

20. Where in the iDRAC GUI can the iDRAC be reset to its default settings?

A. Maintenance > Diagnostics

B. Maintenance > Troubleshooting

C. Troubleshooting > SupportAssist

D. Troubleshooting > Diagnostics

Answer(s): A
