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## Associate - PowerEdge Exam

EMC DEA-41T1

Version Demo

Total Demo Questions: 10

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**QUESTION NO: 1**

An administrator sets up an In-Band management method to monitor their Dell EMC PowerEdge servers.

Which protocol uses In-Band management for basic communication and messaging?

- A. SNMP
- B. HTTP
- C. SMTP
- D. FTP

**ANSWER: A**

**Explanation:**

Reference: <https://downloads.dell.com/manuals/common/dell-emc-sysmgmt-inband-outofbandidrac-and-ism-vs-omsa.pdf>

**QUESTION NO: 2**

A server administrator needs to monitor a Dell EMC PowerEdge server without installing any additional software. Which management tool is the most appropriate to use?

- A. OME
- B. SAE
- C. iDRAC
- D. OMSA

**ANSWER: A**

**Explanation:**

Reference: <https://www.dell.com/support/kbdoc/en-us/000179517/dell-powerededge-how-toconfigure-the-idrac-system-management-options-on-servers>

**QUESTION NO: 3**

What is a benefit of having an Uninterruptible Power Supply (UPS) attached to a server?

- A. Provides permanent power to a server, eliminating the need for a wall outlet.

- B. Keeps a server running during a long power outage
- C. Provides short-term protection to allow a server to be shut down gracefully.
- D. Replaces the need for power supplies in a server.

**ANSWER: B**

#### QUESTION NO: 4

An administrator needs to know which IP address corresponds to a MAC address.

Which protocol will support this?

- A. STP
- B. DHCP
- C. ARP
- D. DNS

**ANSWER: C**

**Explanation:**

Reference: <https://www.dell.com/community/Networking-General/Find-IP-address-of-computerconnected-to-port/td-p/1114731>

#### QUESTION NO: 5 - (DRAG DROP)

DRAG DROP

Match the management tool to its description.

**Select and Place:**

**Answer Area**

OpenManage Enterprise	Automatic case creation
OpenManage Server Administrator	One-to-many management console
iDRAC Service Module	OS-resident agent
SupportAssist Enterprise	One-to-one management console

**ANSWER:****Answer Area**

OpenManage Enterprise	iDRAC Service Module
OpenManage Server Administrator	OpenManage Enterprise
iDRAC Service Module	SupportAssist Enterprise
SupportAssist Enterprise	OpenManage Server Administrator

**Explanation:**

Reference: <https://www.dell.com/support/kbdoc/en-pk/000178050/support-for-dell-emc-idrac-service-module>  
<https://www.dell.com/support/kbdoc/en-pk/000132087/support-for-dell-emc-openmanage-serveradministrator-omsa>

<https://www.delltechnologies.com/en-us/solutions/openmanage/enterprise.htm>

**QUESTION NO: 6**

What is the maximum bootable storage capacity supported by BIOS mode?

- A. 512 GB
- B. 1 TB
- C. 2 TB
- D. 4 TB

**ANSWER: C**

**Explanation:**

Reference: <https://www.dell.com/community/PowerEdge-HDD-SCSI-RAID/Maximum-Storage/tdp/4013574>

**QUESTION NO: 7**

What is a benefit of SAS technology?

- A. Has no moving parts available
- B. Used for storage back-plane or HDD carrier applications
- C. Easy to manage cable and cable length
- D. Has two drives per cable connector

**ANSWER: B**

**Explanation:**

Reference: [http://www.mouser.com/ds/2/18/FCI\\_bwb\\_sas-941993.pdf](http://www.mouser.com/ds/2/18/FCI_bwb_sas-941993.pdf)

**QUESTION NO: 8**

Based on the exhibit, Grid Redundant Mode is selected on a Dell EMC PowerEdge server and the Hot Spare feature is disabled. How is the power output distributed in a dual-power supply configuration?



- A. Equally across both power supplies
- B. Only one power supply ever provides power
- C. power supply 2 only provides output when power supply 1 reaches maximum capacity
- D. Majority of the output is always provided by power supply 1

**ANSWER: A**

#### QUESTION NO: 9

An IT architect is asked to provide a Dell EMC modular infrastructure that offers the most powerful and scalable computing capabilities and works with virtually any network, storage, or management infrastructure.

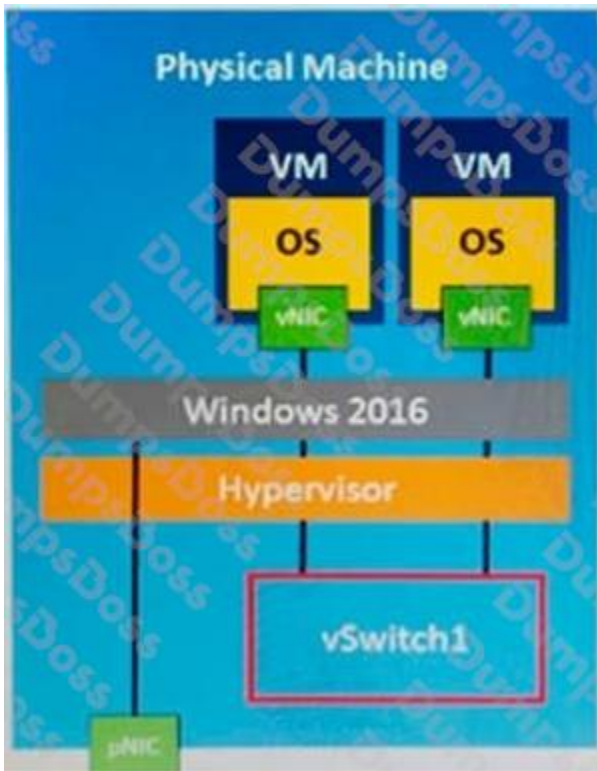
Which product should they choose?

- A. FX2
- B. VRTX
- C. FC640
- D. MX7000

**ANSWER: B**

**QUESTION NO: 10**

Based on the exhibit, which type of virtual switch is vSwitch1?



- A. External
- B. Open
- C. Private
- D. Public

**ANSWER: C**