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SNIA Certified Storage Professional (SCSP)



Question: 58

You want to manage systems and devices on a network with traps that signal the occurrence of an event. In this scenario, which protocol would you use?

- A. TLS
- B. CDMI
- C. SMTP
- D. SNMP

Answer: D

Explanation:

The data being monitored and managed is defined by a MIB. The functions supported by the protocol are the request and retrieval of data, the setting or writing of data, and traps that signal the occurrence of events.

Reference: <http://www.snia.org/education/dictionary/s>

Question: 59

Which two statements are true about archiving? (Choose two.)

- A. Archiving is an open source technology based on Cinder and OpenStack.
- B. The purpose of archiving is the long term preservation of information.
- C. Archiving can be used as a response to meet regulatory requirements.
- D. Archiving is performed exclusively to tape.

Answer: B,C

Question: 60

You want to improve disk space usage efficiency while maintaining high availability. In this scenario, which solution satisfies this requirement?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 10

Answer: D

Reference: <http://eaegis.com/pages/raid-calculator>

Question: 61

What is Software Defined Storage?

- A. virtualized storage with a Fibre Channel interface
- B. virtualized storage with an Ethernet interface
- C. physical storage with a service management interface
- D. virtualized storage with a service management interface

Answer: D

Explanation:

Software-defined storage (SDS) is virtualized storage with a service management interface. SDS includes pools of storage with data service characteristics that may be applied to meet the requirements specified through the service management interface.

Reference: http://www.snia.org/sites/default/files/SDS_Article.pdf

Question: 62

A physical server is having a native or bare-metal hypervisor installed before being deployed.

In this scenario, which statement is correct?

- A. The hypervisor runs as a program on a host operating system and supports only one instance of a virtual server.**
- B. The hypervisor runs directly on the server hardware and supports the creation of multiple concurrent instances of virtual servers.**
- C. The hypervisor runs directly on the server hardware and supports the creation of only one instance of a virtual server.**
- D. The hypervisor runs as a program on a host operating system and supports multiple concurrent instances of virtual servers.**

Answer: B

Reference: <http://www.virtualizationadmin.com/faq/how-many-virtual-machines-run-one-host.html>

Question: 63

Which type of cloud allows management of backups to local, public, and/or private clouds to meet the varying requirements of cost, availability, latency, and security?

- A. public**
- B. private**
- C. hybrid**
- D. secure**

Answer: C

Explanation:

A hybrid backup cloud allows managing backups to local, public, and/or private clouds to meet the varying requirements of cost, availability, latency, and security.

Reference: http://www.snia.org/sites/default/files/Implementing_Serving_and_Using_The_Cloud-Nov_2013.pdf

Question: 64

Which level of data access does a SAN device provide compared to NAS?

- A. file access**
- B. block access**
- C. packet access**
- D. object access**

Answer: B

Explanation:

A SAN device (or, as we promised to call it, a SAN-attached storage device) is a block-access (i.e., it is a disk or it emulates one or more disks) that connects to its clients using Fibre Channel and a block data access protocol such as SCSI.

Reference: http://www.snia.org/education/storage_networking_primer/san/closing

Question: 65

Software Defined Storage (SDS) uses which type of technology to function?

- A. application**
- B. replication**
- C. virtualization**
- D. authentication**

Answer: C

Explanation:

While SDS builds on the virtualization of the Data Path, SDS is not virtualization alone. The Control Path needs to be abstracted as a service as well.
Reference: <http://www.snia.org/sites/default/files/SNIA%20Software%20Defined%20Storage%20White%20Paper-%20v1.0k-DRAFT.pdf>

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