Vendor:HP

Exam Code:HP0-S33

Exam Name: Advanced Integration and Management of HP Server Solutions

Version: Demo

QUESTION 1

HP Insight Remote Support can be configured to use an encrypted connection. To enable this feature, which TCP port needs to be allowed for outbound connection?

A. 22

B. 3389

C. 4253

D. 443

Correct Answer: D

http://h18004.www1.hp.com/products/servers/management/insight-remote-support/next- gen/ questionsanswers.html All information collected by Insight Remote Support is encrypted and digitally signed using an X.509 certificate prior to transport to HP. Data is sent to HP via secure HTTPS (SSLv3 or TLS) and is stored in a secure data facility in one of HP\\'s corporate data centers.

QUESTION 2

Which features are activated by the Smart Array Advance Pack (SAAP)? (Select two)

A. Online spare configuration

B. User selectable-strip sizes

C. Zero Memory configurations

D. Mirror splitting

E. RAID 6 and RAID 60

Correct Answer: DE

Reference: http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp? (See lang=enandcc=usandtaskId=115andprodSeriesId=428936andprodTypeId=15351andobjectID=c02793166 the bulleted point at the end of the page)

When activated with a registered license key, SAAP provides the following features:

RAID 6 (ADG).

RAID 60.

Advanced Capacity Expansion.

Mirror splitting and recombining in offline mode.

Drive Erase.

Performance optimization for video on demand.

QUESTION 3

A customer Installed Insight server deployment on a server that also hosts the DHCP server. Which option is required on the DHCP server for HP Insight Control server deployment to register PXE clients?

A. Option 5 name Server

B. Option 15 Domain Name

C. Option 50 Address Request

D. Option 60 Class ID

Correct Answer: D

Reference: http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?lang=enandcc=usandtaskId=110andprodSeriesId=332359andprodTypeId=18964andobjectID=c03310264

QUESTION 4

Which Advanced Memory Protection configuration allows a system to survive the complete of two DRAM devices?

A. Lockstep mode with RDIMMs

B. Online Spare Memory mode

C. Lockstep mode with UDIMMs

D. Advanced ECC mode with UDIMMs

Correct Answer: A

http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?lang=esandcc=lamerica_nsc_cnt_amerandtaskId=115andprodSeriesId=5177937andprodTypeId=15351andobjectID=c03250296

The server also can operate in independent channel mode or combined channel mode (lockstep). When running in lockstep mode, user gains reliability in one of two ways:

If running with UDIMMs (built with x8 DRAM devices), the system can survive a complete DRAM failure (SDDC). In independent channel mode, this failure would be an uncorrectable error.

If running with RDIMM (built with x4 DRAM devices), the system can survive the complete failure of two DRAM devices (DDDC). Running in independent mode, the server can only survive the complete failure of a Single DRAM Device

(SDDC).

QUESTION 5

Which Windows performance counters must be monitored to determine if a processor is overloaded?

A. Processor: % Processor Time and system: Processes

B. Processes: % Processor Time and system: Processor Queue length

C. Processor\% Processor Time and system\Processor Queue Length

D. Disk: Average Disk Queue Length and system: Processor Queue length

Correct Answer: C

http://technet.microsoft.com/en-us/library/cc938603.aspx Identify the processes that are running when Processor\% Processor Time and System\Processor Queue Length values are highest to determine.

QUESTION 6

Insight Recovery is the component of the Matrix OE that provides disaster recovery protection for which group of servers?

A. All servers managed by the Matrix OE

B. Physical servers managed by Insight Dynamics

C. Virtual servers managed by VMware or Microsoft

D. Logical servers managed by Virtualization Manager

Correct Answer: D

http://h20566.www2.hp.com/portal/site/hpsc/template.BINARYPORTLET/public/kb/docDisplay / resource.process/?
spf_p.tpst=kbDocDisplay_ws_BIandspf_p.rid_kbDocDisplay=docDisplayResURLandjavax.portlet.
begCacheTok=com.vignette.cachetokenandspf_p.rst_kbDocDisplay=wsrp-resourceState %3DdocId% 253Demr_na-
c02784630-3%257CdocLocale %253Den_USandjavax.portlet.endCacheTok=com.vignette.cachetoken (pag 6
Overview) HP Insight Recovery is the recovery management component of HP Insight Dynamics that provides disaster recovery protection for logical servers configured and managed by the HP Insight Dynamics Virtualization Manager

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QUESTION 7

Which host is selected as a master host in the VMware HA cluster?

A. The host with access to the greatest number of the datastores

B. The host with the redundancy configured for management network

C. The host with the greatest number of virtual machines configured with fault tolerance

D. The host with the greatest CPU and memory capacity

Correct Answer: A

http://pubs.vmware.com/vsphere-50/index.jsp?topic=

%2Fcom.vmware.vsphere.avail.doc_50%2FGUIDB9ACCE9B-A14D-4B2F-87EF- 4B0A67ABDF58.html

When you add a host to a vSphere HA cluster, an agent is uploaded to the host and configured to communicate with other agents in the cluster. Each host in the cluster functions as a master host or a slave host.

When vSphere HA is enabled for a cluster, all active hosts (those not in standby or maintenance mode, or not disconnected) participate in an election to choose the cluster\\'s master host. The host that mounts the greatest number of

datastores has an advantage in the election. Only one master host exists per cluster and all other hosts are slave hosts. If the master host fails, is shut down, or is removed from the cluster a new election is held.

QUESTION 8

You want to create a service template using I/O Designer that will be deployed to the Hyper-V host. Currently, only VMware templates have been used in this environment. How must you prepare a virtual machine template to use for this template?

A. Use the Insight Control Server migration functionality to migrate the VM from VMware to Hyper-V and then use the vCenter server to prepare the template recognized by I/O.

B. You can use VMware templates for Hyper-V deployment since I/O is virtualization layer independent.

C. Use the I/O converter tool to convert the VMware template to change it to the correct format.

D. Create a virtual machine template using Insight Control virtual machine management functionality.

Correct Answer: D

QUESTION 9

A customer has a c7000 with 12 BL460c servers running approximately 100 virtual servers. What does HP require for the customer to use Insight Remote Support?

A. Insight Remote Support Standard installed on a dedicated server

B. Internet connection and Insight Manager installed

C. Proactive Select support contract and Insight Remote Support Advanced installed on a dedicated server

D. Active support contract and Insight Remote Support Advanced installed

Correct Answer: A

QUESTION 10

During the initial installation of the Insight Control server deployment, the Windows 2008 R2 system was selected as the only system as the only system to be deployed to the target servers. You need to perform ESXi installation on 40 machines.

What must you do to enable the deployment of the ESXi using Insight Control server deployment?

A. Reinstall the ProLiant integration Module to add jobs, scripts, and ESXi source files to the deployment server.

B. Modify the existing Windows installation job and print it to the CD-ROM containing ESXi source files.

C. Copy distribution files to the appropriate directory.

D. Modify the PXE configuration and select ESXPE Environment to be enable ESXi deployments.

Correct Answer: C

QUESTION 11

A consultant is installing HP Power Protector on a VMware ESXi 4.1 server. What is needed for HP Power Protector to work correctly? (Select three)

A. Install HP Power Protector for Linux as an agent on the VMware ESXi 4.1 host.

B. Install HP Power Protector for VMware as a manager on the VMware ESXi 4.1 host.

C. Configure the firewall to block the ports used by HP Power Protector.

D. Install HP Power Protector for Linux as an agent on the VMware ESXi 4.1 VIMA/vMA.

E. The vSphere Client must be installed on a different machine for VMware ESXi 4.1 Server configuration

F. Configure the firewall to allow the ports used by the HP Power Protector.

Correct Answer: DEF

Verify the following applications are installed:

?VMware ESXi Server Machine ?VMware Infrastructure Management Assistant VIMA 1.0 or vSphere Management Assistant (vMA 5.X) installed as guest ?vSphere Client installed on a different machine for VMware ESXi Server configuration ?HPPP for Linux ?SSH client for installation and configuration ?SCP Client to upload packages to VIMA/vMA ?Tools installed on each Virtual Machine ?Firewall ports are open

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QUESTION 12

To protect virtual running on multiple ESXi 5.0 hosts, a customer decides to configure a High Availability cluster. What are the requirements for this type of cluster?

A. The management network must be configured with the Fast Tolerant option enabled.

B. Enhanced VMotion compatibility mode and Storage DRS must be enabled on the cluster level.

C. Virtual machine must be stored on the datastore available from each member of the cluster.

D. The cluster must be configured using Host Profiles.

Correct Answer: C

Requirements for a VMware HA Cluster

Review this list before setting up a VMware HA cluster. For more information, follow the appropriate cross reference or see Creating a VMware HA Cluster.

All hosts must be licensed for VMware HA.

You need at least two hosts in the cluster.

All hosts need a unique host name.

All hosts need to be configured with static IP addresses. If you are using DHCP, you must ensure that the address for each host persists across reboots. All hosts must have access to the same management networks. There must be at least

one management network in common among all hosts and best practice is to have at least two. Management networks differ depending on the version of host you are using.

ESX hosts - service console network.

ESXi hosts earlier than version 4.0 - VMkernel network. ESXi hosts version 4.0 and later - VMkernel network with the Management Network checkbox enabled.

See Networking Best Practices.

To ensure that any virtual machine can run on any host in the cluster, all hosts should have access to the same virtual machine networks and datastores. Similarly, virtual machines must be located on shared, not local, storage otherwise they

cannot be failed over in the case of a host failure. For VM Monitoring to work, VMware tools must be installed. See VM and Application Monitoring. All hosts in a VMware HA cluster must have DNS configured so that the short host name

(without the domain suffix) of any host in the cluster can be resolved to the appropriate IP address from any other host in the cluster. Otherwise, the Configuring HA task could fail. If you add the host using the IP address, also enable reverse

DNS lookup (the IP address should be resolvable to the short host name).