

**Section: 608 Questions**

QUESTION NO: 1

An administrator is installing ESX 4.x on a physical server. Which of the following components would need to be modified or replaced to support a successful installation?

- A. 4 Intel PRO 1000 Network Adapters
- B. 1 GB RAM
- C. 2 AMD Opteron CPUs
- D. SATA disk controller

Answer: B

QUESTION NO: 2

Which of the following partitions is specific to ESXi 4.0?

- A. usr
- B. vmkcore
- C. scratch
- D. swap

Answer: C

QUESTION NO: 3

An ESX Administrator plans to install additional supported components on the ESX Server that would increase the memory requirements for the Service Console. Which ESX Server partition would also need to be increased during installation as a result?

- A. /
- B. vmfs3
- C. swap
- D. /boot

Answer: C

QUESTION NO: 4

Which of the following tasks can be selected from the home page of an ESX Server (Choose Three)?

- A. Browse Objects Managed by this Host
- B. Browse Virtual Machines in this Host's inventory
- C. Download VMware Web Access Client
- D. Browse Datastores in this Host's inventory
- E. Download VMwarevCenter Server

Answer: A,D,E

QUESTION NO: 5

When installing ESX 4.0, where is the Service Console file system located?

- A. In a virtual disk on a local VMFS datastore
- B. In a virtual disk on a local or shared VMFS datastore
- C. On a local physical disk or on a mapped SAN LUN
- D. On a local physical disk

Answer: A

QUESTION NO: 6

The default swap partition size for ESXi 4.0 is which of the following?

- A. 800MB
- B. 1.6GB
- C. 544MB
- D. 600MB

Answer: D

QUESTION NO: 7

Creating which of the following optional partitions would change the default partition size for /?

- A. /tmp
- B. /home
- C. /var/log
- D. /usr

Answer: D

QUESTION NO: 8

Additional licensing is required once the number of cores per CPU reaches which of the following?

- A. 16 or more cores
- B. 12 or more cores
- C. 8 or more cores
- D. 6 or more cores

Answer: C

QUESTION NO: 9

What is the maximum number of cores that can be used with Standard licensing?

- A. 8
- B. 16
- C. 12
- D. 6

Answer: D

QUESTION NO: 10

Once vCenter 4.x has been installed, a License Server is required in which of the following instances?

- A. A License Server is always required
- B. To support ESXi 4.x Hosts
- C. To support ESX 3.5 Hosts
- D. A License Server is no longer required

Answer: C

QUESTION NO: 11

Which of the following features is not a part of the vSphere Advanced Edition?

- A. VMware High Availability
- B. VMware vShield Zones
- C. VMware DRS
- D. VMware Fault Tolerance

Answer: C

QUESTION NO: 12

Which vSphere Editions include VMware Data Recovery (Choose Two)?

- A. vSphere Essentials Plus or higher
- B. vSphere Advanced or higher
- C. vSphere Standard or higher
- D. vSphere Essentials or higher

Answer: A,C

QUESTION NO: 13

What are the minimum vSphere Small Business and Medium/Enterprise Editions that include VMware Data Recovery (Choose Two)?

- A. vSphere Essentials Plus
- B. vSphere Standard
- C. vSphere Advanced
- D. vSphere Essentials

Answer: A,C

QUESTION NO: 14

Which of the following functions cannot be performed remotely and must be performed from the ESXi Direct Console (Choose Three)?

- A. Configure DNS Settings
- B. Restart Management Agents
- C. Test the Management Network
- D. Restore a Standard Switch

E. Configure a Static IP Address

Answer: B,C,D

QUESTION NO: 15

The vSphere 4 Host Update Utility provides a graphical user interface for (Choose Two)?

- A. performing a host compatibility check
- B. upgrading standalone ESX/ESXi hosts
- C. upgrading ESX hosts in DRS/HA clusters
- D. keeping guest operating systems patched

Answer: A,B

QUESTION NO: 16

After upgrading an ESX host to vSphere 4, which of the following three actions should be taken (Choose Three)?

- A. restore files to the service console
- B. boot into Troubleshooting Mode for proper operation
- C. configure licensing
- D. verify virtual machine operation
- E. connect the host to vCenter if managed

Answer: C,D,E

QUESTION NO: 17

Before you upgrade an ESX host?

- A. back up /proc, /mnt, /tmp, custom scripts and all VMFS datastores
- B. back up /home, /etc/init.d and /boot
- C. back up /etc/passwd, /etc/groups, /etc/shadow, /etc/gshadow, custom scripts and local VMFS
- D. back up /var/logs, /usr, /bin and the dmesg output

Answer: C

QUESTION NO: 18

Before you upgrade an ESXi host?

- A. update the ESXi restore CD with the current ESXi image
- B. save the current ESXi image to another ESXi server
- C. copy the embedded ESXi image to a USB flash drive
- D. save the ESXi configuration using vicf g-cfgbackp s from the vCLI

Answer: D

QUESTION NO: 19

Before you upgrade an ESX/ESXi host (Choose Three)?

- A. verify current hardware is supported per the vSphere Systems Compatibility Guide

- B. compare the md5sum of the downloaded file to the value on the VMware download website
- C. schedule a maintenance window for 32-bit hardware
- D. run the vSphere 4 Pre-Upgrade Script from the command line
- E. run the VMware CPU Identification Utility

Answer: A,B,E

QUESTION NO: 20

The following ESX versions are supported for direct upgrading to vSphere 4 (Choose Two)?

- A. ESX 2.1
- B. ESX 2.5.5
- C. ESX/ESXi 3.5
- D. ESX 3.0.0, 3.0.1, 3.0.2

Answer: C,D

QUESTION NO: 21

In order to upgrade to vSphere 4, an ESX host must have a /boot partition of at least?

- A. 150 MB
- B. 200 MB
- C. 100 MB
- D. 50 MB

Answer: C

QUESTION NO: 22

The vSphere 4 Host Update Utility upgrades the (Choose Two)?

- A. VMkernel
- B. virtual machine hardware
- C. VMFS datastores
- D. service console if present

Answer: A,D

QUESTION NO: 23

The vSphere 4 Update Manager upgrades (Choose Three)?

- A. virtual machine Tools
- B. VMFS datastores
- C. virtual machine hardware
- D. vSphere Client
- E. vCenter

Answer: A,B,C

QUESTION NO: 24

vCenter Update Manager is capable of upgrading which of the following (Choose Three)?

- A. vCenter
- B. Service Console
- C. Virtual Machine Hardware
- D. vSphere Client
- E. VMware Tools

Answer: B,C,E

QUESTION NO: 25

The ESX 4.x Service Console Virtual Disk can be located on (Choose Two)?

- A. a VMFS datastore on masked iSCSI attached storage
- B. a VMFS datastore on FC attached storage
- C. an NFS datastore
- D. a VMFS datastore on locally attached storage

Answer: B,D

QUESTION NO: 26

Securing an ESX service console is important because?

- A. Service Console actions can affect all VMs on an ESX host
- B. Service Console permissions are applied to users when logging in to a host via vCenter
- C. VMs run in the service console
- D. VMs depend on the patch level of the service console

Answer: A

QUESTION NO: 27

ESX Service Console patches should be applied (Choose Two)?

- A. as instructed by VMware authorized technical support personnel
- B. when an issue is identified
- C. as Red Hat makes patches available
- D. as VMware makes patches available

Answer: A,D

QUESTION NO: 28

ESX Service Console patches should be applied (Choose Two)?

- A. in accordance with VMware Security Advisories
- B. when notified on the VMware Security Blog
- C. when advised by VMware authorized technical support personnel

D. in accordance with VMware and RedHat Security Advisories

Answer: A,C

QUESTION NO: 29

The ESX Service Console file system structure should (Choose Two)?

- A. provide separate mount points for /tmp, /var/log and /home
- B. avoid filling /
- C. avoid filling /home
- D. provide separate mount points for /tmp, /var/log, /home and /etc

Answer: A,B

QUESTION NO: 30

Which of the following are true regarding the ESX Service Console file system structure (Choose Two)?

- A. separate mount points are created for /tmp, /var/log and swap by default
- B. running out of space on /var/log can cause vSphere Client connectivity disruptions
- C. running out of space on /can cause vSphere Client connectivity disruptions
- D. separate mount points are created for /var/log and swap by default

Answer: C,D

QUESTION NO: 31

The default ESX service console firewall (Choose Two)?

- A. blocks all traffic unless specifically allowed
- B. is configured for medium security
- C. allows all traffic unless specifically blocked
- D. is configured for high security

Answer: A,D

QUESTION NO: 32

ESX Service Console user authentication (Choose Two)?

- A. requires users to change their passwords every 6 months by default
- B. can use a central directory service for password checking only
- C. requires local accounts
- D. controls vCenter authentication for vSphere Client users

Answer: B,C

QUESTION NO: 33

Installing additional software in the ESX Service Console is supported in which of the following instances?

- A. for hardware management support
- B. for improved utilization of the ESX host resources

- C. for graphical desktop access for administrative purposes
- D. for enhanced virus protection

Answer: A

QUESTION NO: 34

An administrator is installing an ESX Host to boot from a SAN LUN. Which of the following two requirements are necessary when configuring the HBA in the ESX Host (Choose Two)?

- A. The HBA BIOS must be enabled
- B. The HBA must be plugged into the lowest available PCI bus and slot number
- C. The HBA BIOS must be disabled
- D. The HBA must be plugged into the highest available PCI bus and slot number

Answer: A,B

QUESTION NO: 35

An administrator is installing an ESX Host to boot from a SAN LUN. The storage array is an active/passive array. After configuring the boot LUN and installing ESX, the system does not boot properly. Which of the following could cause this issue?

- A. The Storage Processor port specified in the BIOS configuration of the HBA is passive
- B. The LUN specified in the BIOS configuration of the HBA is active
- C. The Storage Processor port specified in the BIOS configuration of the HBA is active
- D. The LUN specified in the BIOS configuration of the HBA is passive

Answer: A

QUESTION NO: 36

Under which of the following conditions would an administrator consider using the Boot from SAN option for the ESX Host (Choose Two)?

- A. When concern exists that contention might occur between the Service Console and the VMkernel
- B. When using Microsoft Cluster Service
- C. To easily replicate the Service Console to a remote site
- D. In diskless hardware configurations

Answer: C,D

QUESTION NO: 37

What is the proper LUN Masking configuration for LUNs presented to an ESXi Host when using the Boot from SAN option?

- A. The Boot LUN should be masked so that only one ESXi Host can see the LUN, while the datastore LUNs should be masked so that all ESXi Hosts can see the LUNs
- B. The Boot LUN and datastore LUNs should be masked so that all ESXi Hosts can see the LUNs
- C. The Boot LUN should be masked so that all ESXi Hosts can see the LUN, while the datastore LUNs should be masked so that only one ESXi Host can see the LUNs

D. The Boot LUN and datastore LUNS should be masked so that only one ESXi Host can see the LUNs

Answer: A

QUESTION NO: 38

Which two are requirements when booting from SAN (Choose Two)?

- A. The Storage Array port WWN specified in the BIOS configuration of the HBA must be passive
- B. The HBA should be plugged into the lowest PCI bus and slot number
- C. The boot LUN should only be visible to the ESX Server that is booting from it
- D. The boot LUN should be visible to all ESX Servers for HA failover

Answer: B,C

QUESTION NO: 39

What VMware solution is identified by hosting user desktops in a centralized manner and brokering user access?

- A. VMware View
- B. VMware vCenter Site Recovery Manager
- C. VMware Workstation
- D. VMware vCenter Orchestrator

Answer: A

QUESTION NO: 40

VMware Site Recovery Manager requires which of the following two VMware products as part of the solution (Choose Two)?

- A. VMware vCenter Server
- B. VMware HA
- C. VMware Data Recovery
- D. VMware ESX/ESXi

Answer: A,D

QUESTION NO: 41

Which of the following VMware solutions provides developers and test engineers the equivalent of a fully-equipped datacenter with dedicated provisioning staff?

- A. VMware vCenter Orchestrator
- B. VMware vCenter Lab Manager
- C. VMware vCenter Capacity IQ
- D. VMware vCenter Lifecycle Manager

Answer: B

QUESTION NO: 42

An administrator manages a site with remote workers, business partners and third-party service providers. These users need access to corporate data and network resources while adhering to security and corporate governance regulations. Which of the following VMware solutions can provide the power and versatility of virtual machines with the security and control of centrally managed desktops?

- A. VMware Lifecycle Manager
- B. VMware Workstation
- C. VMware View
- D. VMware Server

Answer: C

QUESTION NO: 43

An administrator needs to verify the functionality of virtual machines created in several different formats prior to converting them to ESX/ESXi. Using VMware Player, which of the following virtual machines can be run directly on an administrator desktop (Choose Two)?

- A. Norton Ghost 10
- B. Acronis True Image
- C. Microsoft Virtual Server/Virtual PC
- D. VMware Fusion

Answer: C,D

QUESTION NO: 44

Which of the following VMware solutions provides rich, personalized virtual desktops to Thin Clients and repurposed PCs with all the benefits of centralized desktop management?

- A. VMware Workstation
- B. VMware ACE
- C. VMware View
- D. VMware Fusion

Answer: C

QUESTION NO: 45

Which of the following files are part of a typical virtual machine?

- A. BIOS File (.nvram)
- B. VMotion Transfer File (.vmt)
- C. Configuration File (.vmx)
- D. Virtual Disk File (.vmdk)
- E. Hardware File (.svr)

Answer: A,C,D

QUESTION NO: 46

Which of the following is a benefit of ESXi over ESX?