

1. An administrator is installing ESX 4.0 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. 2 LSI Logic LS17202XP-LC Fibre Channel HBAs
- C. 2 AMD Opteron CPUs
- D. 4GB RAM

Answer: B

2. Which of the following partitions is specific to ESXi 4.0?

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

Answer: C

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

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

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

Answer: ABD

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

6. The default swap partition size for ESX 4.0 is which of the following?

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

Answer: D

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

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

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

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

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

- A. VMware Storage VMotion
- B. VMware VMotion
- C. VMware Data Recovery
- D. VMware Fault Tolerance

Answer: A

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: AB

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: AC

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: BCD

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: AB

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: CDE

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

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 vicfg-cfgbackup s from the vCLI

Answer: D

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: ABE

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: CD

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

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: AD

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: ABC

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: BCE

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

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

Answer: BD

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

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: AD

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: AC

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: AB

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: CD