Exam Code: 1Y0-A02

Exam Name: Citrix XenServer Enterprise Edition

4.1:Administration

Vendor: Citrix

Version: DEMO

Part: A

1: What is an advantage of application-based virtualization solutions?

A.Higher consolidation ratios

B.Data center high availability

C.Centralized server management

D.The ability to use diverse hardware

Correct Answers: D

2: What is the function of full emulation?

A.Simulating the complete hardware

B.Running applications as conventional local software

C.Leveraging of a hypervisor for the underlying technology

D.Offering an API that modifies the guest operating system

Correct Answers: A

3: What does XenServer Enterprise Edition use to convert storage devices into a storage pool?

A.Local disk drive

B.Network disk drive

C.Logical volume manager

D.Physical volume manager

Correct Answers: C

4: Scenario: An administrator wants to leverage the following XenServer Enterprise Edition features:

1. XenMotion

2. Fast cloning

3. Thin provisioning

4. Shared virtual machine storage

5. Automatic virtual machine placement

Which two storage solutions must the administrator use to allow for all of these features? (Choose two.)

A.NetApp

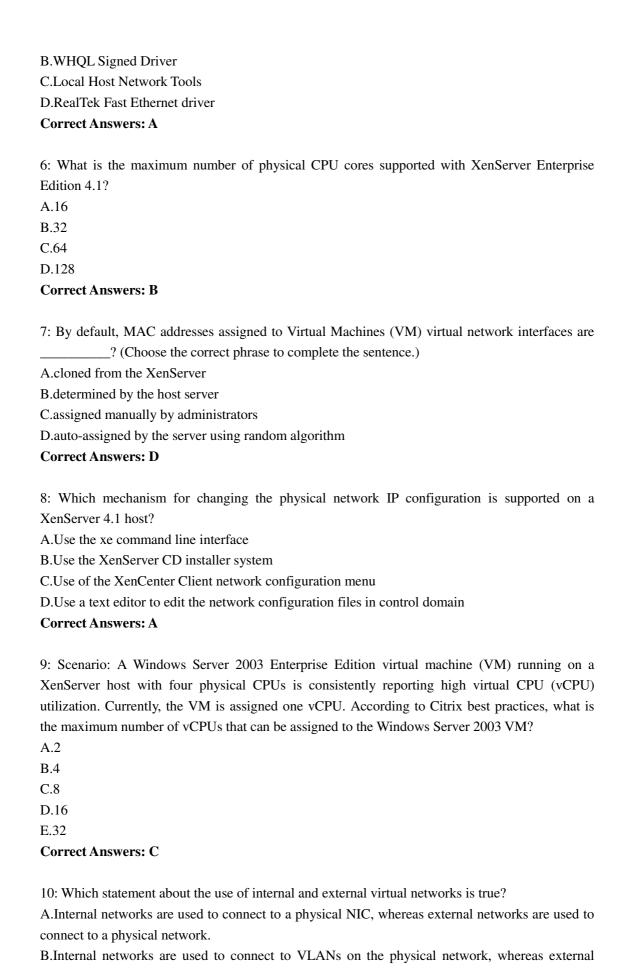B.Local disk

C.Fibre-Channel

D.Software iSCSI

E.Hardware iSCSI

F.NFS-based NAS

Correct Answers: A F

5: An administrator is configuring a new XenServer implementation and wants to use the Paravirtualized (PV) drivers for Windows virtual machines. What must the administrator install in order to use the PV drivers?

A.XenServer Tools

B.WHQL Signed Driver

C.Local Host Network Tools

D.RealTek Fast Ethernet driver

Correct Answers: A

6: What is the maximum number of physical CPU cores supported with XenServer Enterprise Edition 4.1?

A.16

B.32

C.64

D.128

Correct Answers: B

7: By default, MAC addresses assigned to Virtual Machines (VM) virtual network interfaces are _____? (Choose the correct phrase to complete the sentence.)

A.cloned from the XenServer

B.determined by the host server

C.assigned manually by administrators

D.auto-assigned by the server using random algorithm

Correct Answers: D

8: Which mechanism for changing the physical network IP configuration is supported on a XenServer 4.1 host?

A.Use the xe command line interface

B.Use the XenServer CD installer system

C.Use of the XenCenter Client network configuration menu

D.Use a text editor to edit the network configuration files in control domain

Correct Answers: A

9: Scenario: A Windows Server 2003 Enterprise Edition virtual machine (VM) running on a XenServer host with four physical CPUs is consistently reporting high virtual CPU (vCPU) utilization. Currently, the VM is assigned one vCPU. According to Citrix best practices, what is the maximum number of vCPUs that can be assigned to the Windows Server 2003 VM?

A.2

B.4

C.8

D.16

E.32

Correct Answers: C

10: Which statement about the use of internal and external virtual networks is true?

A.Internal networks are used to connect to a physical NIC, whereas external networks are used to connect to a physical network.

B.Internal networks are used to connect to VLANs on the physical network, whereas external

networks are used to connect to a physical network.

C.Internal networks are used to connect to a physical network, whereas external networks are used to connect to Virtual Machines on multiple ervers.

D.Internal networks are used to connect to other Virtual Machines on the same server, whereas external networks are used to connect to physical NICs.

Correct Answers: D

11: When installing XenServer Enterprise Edition onto a single disk system, the minimum amount of disk space required is _____GB. (Choose the correct option to complete the sentence.)

A.8

B.12

C.16

D.20

Correct Answers: C

12: Before booting the installer CD to upgrade to XenServer Enterprise Edition 4.1, which step should an administrator perform according to best practices?

A.Create a management NIC

B.Delete the current server configuration

C.Re-enter the physical network configuration

D.Backup the existing Virtual Machines (VM) with a VM export

Correct Answers: D

13: What are two settings that an administrator would need to configure in order to PXE boot a physical server on which XenServer host will be installed from a network file share? (Choose two.)

A.A DHCP server to enable PXE booting

B.A default gateway to communicate to the TFTP server

C.A NFS, FTP or HTTP server to house the installation files

D.A DNS server to allow the system that needs to PXE boot to do so using name services

Correct Answers: A C

14: What is the maximum amount of supported physical memory that XenServer Enterprise Edition 4.1 can use on a physical system?

A.32 GB

B.64 GB

C.128 GB

D.256 GB

Correct Answers: C

15: Which command can an administrator use to create an ISO image on a Linux system?

A.dd

B.tar

C.cpio

D.dumpe2fs

Correct Answers: A

16: What will occur when an administrator inserts the XenCenter installation CD into the CD ROM on a workstation if Auto-play is enabled for the CD drive?

A.The installer file icon will appear.

B.The client install directory will open.

C.The XenCenter application installer will launch.

D.The XenCenter Setup executable file will be displayed.

Correct Answers: C

17: Which two items are automatically assigned to a Virtual Machine (VM) created from a VM template?

A.Unique ID

B.New hostname

C.Network settings

D.New MAC address

Correct Answers: A D

18: What does a full template include that a basic template does not?

A.Settings

B.Disk layout

C.MAC address

D.Installation files

Correct Answers: D

19: What is an inappropriate method for creating a Virtual Machine (VM) with the XenServer management tools?

A.Copy an existing VM

B.Import a Microsoft.VHD file directly into XenCenter

C.Create a VM in XenCenter from an existing VM template

D.Import a previously-exported XenServer VM image using the XenServer CLI

E.Use XenCenter to install from vendor media such as a CD/ISO image or network install source

Correct Answers: B

20: To run a Microsoft Windows based Virtual Machine (VM), the hardware platform must support _____ or _____. (Choose the two options that correctly complete the sentence.)

A.PCI-X

B.AMD-V

C.Intel LT

D.Intel VT

Correct Answers: B D