

Module 3 Assessment (SK0-005)

Due Apr 30 at 11:59pm	Points 20	Questions 20
Time Limit 45 Minutes	Allowed Attempts 3	

Instructions

You have two attempts to take this assessment with the highest score being retained. The assessment has a time limit of 45 minutes.

Suggestion: take the assessment at the beginning of the module and then after the reading and assignments are done. You can then use the results of both to gauge your learning and retention.

Attempt History

	Attempt	Time	Score
KEPT	Attempt 3	5 minutes	20 out of 20
LATEST	Attempt 3	5 minutes	20 out of 20
	Attempt 2	5 minutes	19 out of 20
	Attempt 1	22 minutes	19 out of 20

Score for this attempt: **20** out of 20
Submitted Apr 30 at 2:44pm
This attempt took 5 minutes.

Question 1

1 / 1 pts

Your server room consists of two tower servers and 12 rack mounted servers. Local console access is required for each of the 14 servers. The server room cannot accommodate 14 monitors, keyboards,and mice. What solution should you employ?

☐ iLO

☐ iDRAC

Correct!☐ UPS☒ KVM**Question 2****1 / 1 pts**

Your network uses Windows DHCP servers. The accounting department has recently outfitted with VoIP phones, which should be configured through their IP addresses for specific VLAN membership. What DHCP configuration change should you make?

☐ A switch port based VLAN☐ An IP address based VLAN☒ DHCP vendor class☐ DHCP Pixie boot option**Correct!****Question 3****1 / 1 pts**

What type of server clustering configuration has a service available and running on multiple cluster nodes simultaneously?

☒ Active/active☐ Round-robin☐ Active/passive☐ Passive/passive**Correct!**

Question 4**1 / 1 pts**

Which protocol provides remote administration of routers, switches, and servers?

☐ RDP☐ VNC☒ SSH☐ VPN**Correct!****Question 5****1 / 1 pts**

You are attempting a Linux installation from DVD in a virtual machine, but the DVD never gets ready during boot. What should you do?

☐ Update the BIOS/UEFI firmware☐ Configure legacy mode in the BIOS/UEFI.☒ Change the BIOS/UEFI boot order.☐ Remove the BIOS/UEFI password.**Correct!****Question 6****1 / 1 pts**

Which network services used to synchronize time over the network?

Correct!

☐ TCP

☒ NTP

☐ UDP

☐ PTR

Question 7

1 / 1 pts

How can sensitive server and network documentation be kept private?

Correct!

☐ Hashing

☐ Digital signatures

☒ Encryption

☐ Auditing

Question 8

1 / 1 pts

Which network infrastructure service provides network devices with IP settings?

Correct!

☒ DHCP

☐ DNS

☐ TFTP

☐ DISM

Question 9

1 / 1 pts

Your colleague asked you to configure an inbound network ACL rule destined for port 22 on 192.168.1.56. What type of traffic is this?

Correct!

☒ SSH

☐ Telnet

☐ RDP

☐ KVM

Question 10

1 / 1 pts

You wish to virtualize an existing physical server to allow for redundancy and to reduce your server footprint. What process would allow you to do this?

Correct!

☐ V2P

☒ P2V

☐ Virtual machine cloning

☐ Slip streaming

Question 11

1 / 1 pts

Which wireless standard is commonly used for inventorying physical equipment?

Correct!

- ☒ RFID
- ☐ NFC
- ☐ Wi-Fi
- ☐ Bluetooth

Question 12

1 / 1 pts

Your company uses the Windows Server 2016 operating system. Your colleague, Roman, complains that whenever he uses RDP to connect to a Windows Server core installation, all it gets is a command prompt. What should you tell Roman?

Correct!

- ☒ Server core provides only a command prompt and not a GUI.
- ☐ Use SSH with X-forwarding instead.
- ☐ Server core cannot have GUI components installed.
- ☐ Use VNC instead.

Question 13

1 / 1 pts

Jim, a server administrator, is trying to install a brand new X64 OS on an older machine. The installation fails and does not install the operating system. The old operating system ran fine before the installation of this new operating system. What should Jim do?

Correct!

- ☒ Check to see if the system hardware supports 64-bit operating systems.
- ☐ Check to see if the servers firmware is BIOS or UEFI.
- ☐ Check the CPU clock speed.
- ☐ Check the supported virtualization technology.

Question 14**1 / 1 pts**

What type of documentation can be used to easily identify abnormal server activity?

- ☐ Software inventory
- ☐ Hardware inventory
- ☒ Baseline
- ☐ Normal

Correct!**Question 15****1 / 1 pts**

You have a Linux virtual machine running Apache under a Hyper-V hypervisor. What is the relationship between the Hyper-V hypervisor and the Linux virtual machine?

- ☐ The Linux VM is the host of the guest Hyper-V hypervisor.
- ☐ The Linux VM is the virtual switch for the Hyper-V hypervisor.

Correct!

- ☐ The Linux VM allocates resources for the Hyper-V hypervisor
- ☒ The Linux VM is the guest of the host Hyper-V hypervisor.

Question 16**1 / 1 pts**

The server runs the Apache HTTP engine. Developers and the company have created a work travel expenses solution on the server. User web browsers connect to the server when users must submit company travel expenses. What type of server is this?

Correct!

- ☐ Web server
- ☐ Database server
- ☒ Application server
- ☐ HTTPS server

Question 17**1 / 1 pts**

What kind of scripts would you use on a Linux server?

Correct!

- ☒ Bash
- ☐ PowerShell
- ☐ VBS
- ☐ Batch

Question 18**1 / 1 pts**

What benefits are realized by joining computers to a Microsoft Active Directory domain? (Choose two).

Correct!☒ Group policyEFS☐ EFS☐ Single sign on**Correct!**☒ User log on**Question 19****1 / 1 pts**

Which two types of file systems enable the configuration of local file system permissions? (Choose 2)

Correct!☒ NTFS☐ FAT32**Correct!**☒ ReFS☐ FAT**Question 20****1 / 1 pts**

Which of the following are UNIX/Linux based filesystems? (Choose two).

Correct!☒ Ext3

Correct!☐ FAT32☐ NTFS☒ ReiserFSQuiz Score: **20** out of 20