

Module 6 Assessment (CV0-003)

- Due May 11 at 11:59pm
- Points 20
- Questions 20
- Available after May 6 at 12am
- Time Limit 45 Minutes
- Allowed Attempts 2

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.

[Take the Quiz Again](#)

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	12 minutes	17 out of 20

ⓘ Answers will be shown after your last attempt

Score for this attempt: 17 out of 20

Submitted May 9 at 4:43pm

This attempt took 12 minutes.



Question 1

1 / 1 pts

You are deploying a new cloud virtual machine. The virtual machine will host an app that is very CPU intensive. While creating the virtual machine, what should you do?

- ☐ Increase IOPS
- ☐ Configure storage mirroring
- ☐ Decrease IOPS
- ☒ Add more vCPUs



Question 2

1 / 1 pts

Why is scaling up sometimes done in cloud computing environments?

- ☐ To decrease performance
- ☒ To increase performance
- ☐ To enable high availability
- ☐ To reduce costs



Question 3

1 / 1 pts

What can result from over allocating vCPUs to a VM?

- ☐ The VM crashes.
- ☒ CPU work is queued by the hypervisor.
- ☐ vCPUs cannot be overallocated; the maximum is dictated by the hardware and the VM it's running on.
- ☐ The hypervisor crashes



Question 4

1 / 1 pts

Your colleagues suggest using a blue-green deployment for a new web application. To what is your colleague referring to?

- ☐ Two simultaneous application environments, both testing
- ☒ Two simultaneous application environments, one testing and the other in production
- ☐ Two simultaneous application environments, both in production
- ☐ Two simultaneous application environments, both in sandbox environments



IncorrectQuestion 5

0 / 1 pts

You need to patch virtual machine hosting computers on premises. What should your patching strategy encompass?

- ☐ Hypervisors
- ☒ Guests
- ☐ Virtual appliances
- ☐ Clusters



Question 6

1 / 1 pts

You want to apply patches that will prevent malicious programs from escaping virtual machines and attacking the physical machine. What would you patch to do this?

- ☐ Guests
- ☐ Virtual appliances
- ☒ Hypervisors
- ☐ Clusters



Question 7

1 / 1 pts

What Microsoft product is used to manage hypervisors and virtual machines?

- ☐ Group policy
- ☐ SCCM
- ☒ SCVMM
- ☐ Command prompt



IncorrectQuestion 8

0 / 1 pts

You plan to deploy a new security agent to each cloud virtual machine. What must you do before the deployment?

- ☐ Notify affected stakeholders
- ☐ Patch the servers
- ☒ Reboot the servers
- ☐ Modify the change management policy



Question 9

1 / 1 pts

You are a member of a team that is setting up an overnight maintenance schedule. Go for your systems. What is the timeframe for maintenance to be completed called?

- ☐ Follow the sun
- ☒ Maintenance window
- ☐ Peak hours
- ☐ Downtime



Question 10

1 / 1 pts

What term describes the web-based cloud management GUI?

- ☒ Cloud portal
- ☐ CLI
- ☐ API
- ☐ Orchestration



Question 11

1 / 1 pts

You are searching a vendor website for a patch that addresses a specific problem with a cloud virtual appliance. What should you search for?

- ☐ Service pack
- ☐ Rollback
- ☐ Version update
- ☒ Hotfix



Question 12

1 / 1 pts

You discover that some services have stopped working on one of your Linux virtual machines after you deployed a new patch to it. What can you do to easily fix this?

- ☐ Reinstall
- ☐ Clone
- ☒ Rollback
- ☐ Restart



Question 13

1 / 1 pts

You are deploying a firewall device in the cloud period to make certain administrators are notified of any issues the firewall encounters in a timely fashion, what should you implement?

- ☐ Runbooks
- ☐ Dual Internet connections
- ☐ Multiple nodes
- ☒ Alert notifications



Question 14

1 / 1 pts

You were looking for a package of past patches to apply to a virtual machine period. What should you search for?

- ☐ Rollbacks
- ☐ Version update
- ☒ Service pack
- ☐ Hotfix



Question 15

1 / 1 pts

You are deploying an IDS device in the cloud period to ensure the timely resolution of problems, what should you configure?

- ☐ IP address blocking
- ☒ Alert notifications
- ☐ RAID 0
- ☐ Dual Internet connections



Question 16

1 / 1 pts

You are attempting to remotely start a Windows Server 2019 host installed with the server core option. However, you are unable to establish a remote connection using RDP. How should you restart this server?

- ☐ Restart to serve from the start menu
- ☒ Run the PowerShell cmdlet restart-computer
- ☐ Restart the server from server manager over RDP
- ☐ Run the PowerShell cmdlet reboot-computer



Question 17

1 / 1 pts

Which solution increases the availability of an application?

- ☐ Scaling in
- ☐ Scaling down
- ☒ Failover clustering
- ☐ Scaling up



Question 18

1 / 1 pts

What must exist prior to determining unacceptable application performance?

- ☐ Virtual machine extension
- ☐ Cloud logging
- ☐ Log forwarding
- ☒ Baseline



IncorrectQuestion 19

0 / 1 pts

Which of the following are the best candidates for maintenance automation? (Choose two.)

- ☒ Removing inactive accounts
- ☒ Stale firewall rule removal
- ☐ Log archiving
- ☐ Private key restoration



Question 20

1 / 1 pts

Which of the following are considered benefits of server virtualization? (Choose two.)

- ☐ Faster networking
- ☒ Power efficiency
- ☒ Space efficiency
- ☐ Cheaper software licensing

Quiz Score: 17 out of 20