Module 3 Assessment (CV0-003)

- Due Apr 20 at 11:59pm
- Points 20
- Questions 20
- Available after Apr 15 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**	21 minutes	20 out of 20

⚠ Answers will be shown after your last attempt

Score for this attempt: 20 out of 20
Submitted Apr 17 at 11:38am
This attempt took 21 minutes.

Question 1

1 / 1 pts

Which service is used to assign IP configurations to host dynamically?

○ DNS

○ NTP

○ NIDS

◉ DHCP

Question 2

1 / 1 pts

Which protocol allows cloud tenants to provision network infrastructure resources without knowing the underlying layer 2 and layer 3 technical details?

NAT

○ NAT

○ TCP

◉ VXLAN

○ UDP

⋮

Question 3

1 / 1 pts

You need to ensure that network traffic from net one does not go through net two and just continues to the Internet. What should you configure?

○ Load balancer

◉ Route table

○ Firewall rule

○ NAT gateway

⋮

Question 4

1 / 1 pts

You need to ensure that network traffic from CloudVNet1 first goes through CloudVNet2 before continuing to the Internet. What should you configure?

Nat gateway

○ Load balancer

◉ Route table

○ Firewall rule

○ NAT gateway

⋮

Question 5

1 / 1 pts

Your network is set up with your DNS server being hosted in the cloud period since a recent firewall configuration change, you are unable to communicate with your DNS server. What is likely the issue?

○ The DNS server is down.

○ The DNS records are out of date.

○ The DNS servers IP address on the company's computers must beupdated.

◉ Port 53 has been blocked at the firewall.

⁞

Question 6

1 / 1 pts

Which service is used to resolve names to IP addresses?

○ DHCP

○ NTP

◉ DNS

○ NIDS

⁞

Question 7

1 / 1 pts

Administrators have deployed a web application in the cloud. Users complain about sluggish application performance during peak usage. What should you configure?

○ Cloud template

○ Fail over cluster

○ Isolated cloud network

◉ Load balancer

⁞

Question 8

1 / 1 pts

You need to reduce network latency when users in Asia request content stored on a farm of web servers located in North America. What should you configure?

◉ CDN

○ Runbook

○ Batch jobs

○ Public IP address

⁞

Question 9

1 / 1 pts

Which IP address cannot be routed on the public Internet?

○ 2.0.0.1/8

○ 128.1.0.1/16

◉ 10.0.0.1/8

○ 193.168.1.1/24

⋮⋮

Question 10

1 / 1 pts

You are configuring a subnet IP address range for a cloud network. The network address is 10.16.6.0/24. How many usable IP addresses are available on this network?

○ 24

○ 256

○ 255

◉ 254

⋮⋮

Question 11

1 / 1 pts

You are configuring a subnet IP address range for a cloud network. The network address is 128.16.6.0/16. How many usable IP addresses are available on this network?

○ 254

○ 65,535

◉ 65,534

○ 65,536

⋮⋮

Question 12

1 / 1 pts

During a recent downtime window, the server team was applying patches to an application and the networking team was upgrading a router's interface to 10 Gbps. When the network was down for the upgrade, the server team complained that they could not download the needed software patches. During a post-downtime status meeting, it was determined which process should be modified to prevent this from happening in the future?

○ Orchestration

○ Automation

◉ Change management

○ API calls

⋮⋮

Question 13

1 / 1 pts

Jerry is expanding a public subnet in his company's e-commerce site. After performing the address change for all of his public-facing web servers, he tested connecting from a bastion host located

offshore. He was unable to connect. What does he need to change to allow the remote site to connect to the webserver?

○ NTP

○ STP

◉ DNS

○ API

Question 14

1 / 1 pts

What type of address applies to Layer 3 switches?

◉ IP

○ Port

○ LUN

○ MAC

Question 15

1 / 1 pts

A new HTTP intranet web server is installed. Your boss asks you to configure the firewall appliance to enable people to browse to the new site. Which port should be allowed through the firewall appliance?

○ 25

○ 110

◉ 80

○ 443

Question 16

1 / 1 pts

Which of the following is a valid IPv6 link-local address?

○ fd75::883b:ced4:63f3

○ fe80::883b:ced4:63f3:fh97

○ fd75::883b:ced4:63g3

◉ fe80::883b:ced4:63f3:f297

Question 17

1 / 1 pts

Which service is used to set the clock of servers?

○ DHCP

○ DNS

◉ NTP

○ NIDS

⋮

Question 18

1 / 1 pts

Which network type is not accessible from outside the organization by default?

○ Internet

○ Extranet

◉ Intranet

○ LAN

⋮

Question 19

1 / 1 pts

Which of the following terms defines the amount of data that can be sent across a network at a given time?

○ Network latency

◉ Bandwidth

○ Compression

○ Network load balancing

⋮

Question 20

1 / 1 pts

You have been asked by the firewall administration group to identify secure network protocols that can be used to prevent network analyzers from being able to read data in motion. Which of the following are considered secure network protocols that you would recommend using? (Choose 3.)

☐ SHHTP

☐ DHCP

☑ HTTPS

☐ DNS

☑ SSH

☐ SMTP

☑ FTPS

Quiz Score: 20 out of 20