

[← Go Back to Cloud Computing on AWS](#)[☰ Course Content](#)

AWS Week 3 Quiz

Type	:	Graded Quiz
Attempts	:	1/3
Questions	:	10
Time	:	30m
Scoring Policy	:	Highest Score
Due Date	:	May 24, 11:00 PM
Your Score	:	20/25

Instructions[RETAKE](#)

Attempt History

Attempt #1

May 15, 5:49 PM

Marks: 20

**Q No: 1**[Correct Answer](#)

What is the relationship between the number of regions used and the number of default VPCs in an AWS account?

☒ One-to-one

You Selected

☐ None of these

☐ One-to-many

☐ Many-to-one

Explanation: Every region will have 1 default VPC created for every user.

Q No: 2

Correct Answer

A network administrator needs to create a VPC for 13 EC2 instances and has decided to assign the CIDR block 192.168.5.0/28. Which of the following errors is likely to be encountered here?

☐ CIDR block is not valid for private IP addresses

☒ Number of IP address will fall short of requirements

You Selected

☐ None of these

☐ CIDR is not valid to be used in an AWS environment

Explanation: Number of IP address will be $2^{(32-28)} - 5 = 2^4 - 5 = 16 - 5 = 11$, which will fall short of the required 13 addresses

Q No: 3

Correct Answer

VPC X has peered to VPC Y. VPC Y has peered to VPC Z. Which of the following is true?

- ☐ VPC X and Z can communicate by default
- ☐ VPC X and Z can communicate by enabling CORS
- ☒ VPC X and Z cannot communicate by default You Selected
- ☐ None of these

Q No: 4**Correct Answer**

Which of the following cannot be used to connect on-premise datacenter to cloud?

- ☐ VPN
- ☒ Bastion Host You Selected
- ☐ CloudHub
- ☐ Direct Connect

Q No: 5**Correct Answer**

Which of the following rules can be used in a WAF to block all requests from “.in” domains?

- ☐ Geo Match
- ☐ IP address
- ☐ None of these
- ☒ String Regex You Selected

Explanation: String regex can be used to block requests based on patterns in the domain name.

Q No: 6

Correct Answer

Which of the following is not true regarding Elastic Network Interfaces?

- ☐ A secondary interface can be attached to an instance while it is running.
- ☒ The primary interface can be cold-detached from an instance. You Selected
- ☐ A hot attach on an Ubuntu instance will require you to update the route tables manually.
- ☐ None of these

The primary interface can never be detached from an instance.

Q No: 7

Correct Answer

If you are running A/B feature tests for your application, and want to route 80% of your traffic to the latest stable version and the remaining 20% to the beta version, which of the following Route53 routing algorithms would you use?

- ☐ None of these
- ☐ Geolocation
- ☐ Multivalue
- ☒ Weighted You Selected

Explanation: Weighted algorithm can be used to divide your traffic to different servers based on percentage.

Q No: 8

Correct Answer

A database server in a private subnet is set to communicate via port 3306 but is unable to receive requests from the app server despite ping requests being successful between the servers. What could be the reason for this?

☒ Port 3306 is closed for the app server

You Selected

☐ There is no NAT instance between the servers

☐ None of these

☐ Route tables are not set up correctly

Explanation: The required port has to be open on both servers for communication to take place between them.

Q No: 9

Incorrect Answer

What can be used to provide access to a private network from an external network?

☐ Bastion host

☐ Virtual Public Gateway

☐ CloudHub

☒ Internet Gateway

You Selected

Q No: 10

Incorrect Answer

If a System Administrator wants to restrict SSH access to an EC2 instance such that only a group of 4 machines with static IP addresses can be used to log in, what should be the CIDR block specified in the security group port 22 rules for that particular instance?

☐ 28☐ 4☐ 30☒ 32

You Selected

Explanation: Number of machines referred to by that CIDR block will be $2^{(32-30)}=2^2=4$

[< Previous](#)[Next >](#)

Proprietary content. ©Great Learning. All Rights Reserved. Unauthorized use or distribution prohibited.

© 2021 All rights reserved

[Privacy](#) [Terms of service](#) [Help](#)