### 1.

Question 1

The maximum length of a IP4 address is 15 characters.

1 / 1 point

True

False

Correct

That's correct. In the IPv4 system, the address is divided into four different parts, and the maximum length of an IPv4 address is 15 characters.

### 2.

Question 2

Which of the following statements are true about IPv4 and IPv6? Choose all that apply.

1 / 1 point

0.0.0.0 is not a valid IP address

IPv6 address can have more IP addresses than IPv4

Correct

That’s correct. In IPv6, there can be 340 trillion, trillion, trillion unique IP addresses possible, which is a lot more than the maximum limit for IPv4.

The maximum number of unique IP addresses available in the IPv4 system is 232

Correct

That’s correct. The maximum number of unique IP addresses possible in an IPv4 system is 2^32 or 4,294,967,296.

IPv6 is available everywhere

The highest IPv4 address is 255.255.255.255

Correct

That’s correct. In the IPv4 system, the address is divided into four different parts, and each part can have numbers ranging from 0 to 255, separated by periods.

### 3.

Question 3

Cloud computing is a computing model where you can deploy computing units whenever you need and pay only for what you use.

1 / 1 point

True

False

Correct

That’s correct. In the cloud computing model you can deploy computing units on demand and pay for only what you use.

### 4.

Question 4

Which of the following services or products are offered by most public cloud service providers? Choose all that apply.

1 / 1 point

Computing units

Correct

That’s correct. In most public cloud providers, you can deploy computing units and select how much processing power and memory you need.

CDN

Correct

That’s correct. CDN is one of the most used services offered by public cloud providers.

Antivirus and malware scanners

Email inbox

Storage

Correct

That’s correct. Cloud providers offer different kinds of storage solutions.

Load balancers

Correct

That’s correct. Most cloud providers offer some sort of load-balancing services.

### 5.

Question 5

What is object storage?

1 / 1 point

A service that allows you to store JSON objects

A server where you can store files

A service that allows you to store files

Correct

That’s correct. Public cloud providers offer object storage service and APIs to store and manage files on the cloud. You don’t need to worry about configuring these servers or managing them. This service is fully managed by the cloud provider itself.