

Quiz8_1 Check Your Understanding - Types of IPv4 Addresses

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Student number & Your name *

Dropdown

Teacher



1. Select Public or Private below each address. *

8 points

Public

Private

172.16.35.2

☐☒

192.168.3.5

☐☒

192.0.3.15

☒☐

64.104.0.22

☒☐

209.165.201.30

☒☐

192.168.11.5

☐☒

172.16.30.30

☐☒

10.55.3.168

☐☒

2. Which two statements are correct about private IPv4 addresses?(Choose two). *

1 point

- ☒ Any organization (home, school, office, company) can use the [10.0.0.0/8](#) address.
- ☐ 172.99.1.1 is a private IPv4 address.
- ☒ Private IPv4 addresses are assigned to devices within an organization's intranet (internal network).
- ☐ Internet routers will typically forward any packet with a destination address that is a private IPv4 address.

3. Which two statements are correct about public IPv4 addresses?(Choose two). *

1 point

- ☒ Public IPv4 address exhaustion is a reason why there are private ipv4 addresses and why organizations are transitioning to IPv6.
- ☐ 192.168.1.10 is a public IPv4 address.
- ☒ To access a device over the internet, the destination IPv4 address must be a public address.
- ☐ Public IPv4 addresses are allowed to be assigned to devices within an organization's intranet (internal network).

4. Which organization or group of organizations receives IP addresses from IANA and is responsible for allocating these addresses to ISPs and some organizations? *

1 point

- ☐ Tier 1 ISPs
- ☐ IEEE
- ☐ IETF
- ☒ RIRs

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