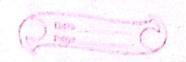
Assranment-2



of enough Ip address?

private in address is a range of non-routable in addresses wed within a private network. These addresses are not ciclessible directly from the internet.

Public ip addresses

They are routable on the internet and are assigned by ISPs to devices or network to enables communication over the internet

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How private and public 10 work together.

They work together using NAT (Network address translation,

The allows multiple devices on a private network to

Thate annyle public 10 address for accessing internet.

11 HOW NAT WORKS. 1 DEUTCE communication private network communicate wing private 10 addresses 2. NAT. hateway: when a device needs to access the internet Its proceete IP address is translated to a public In address by a NAT gateway (virually a router) 3. Internet access The translated public ip address is used for communication over the internet. 4. Returning traffic:
The NAT gateway translates incoming traffic from the internet back to the corresponding private 10 address.