VPN

Subnetmask range

255

248

240

/24

/27 -->

/32 --> single IP in a network

Software router --> VPN Manager is itslef a S/w router

VPN --> to reach from source to destn. the packet is encrypted and encapsulated to communicate.

VPN --> Newtwork encryption

VPN --> Remote & Site-to-Site VPN's

What We are using is site-to-site

1) Authentication

2) Tunneling

3) Encryption

4) Encapsulation

We create a tunnel b/w our N/W and the customer VPN manager

IPsec -->

Endpoint --> VPN @ client location

PSK(Preshared Key) has to be the same @ our side nd the customer side.

Enable PFS(Perfect Forward Secrecy).

IPsec Tunnel Configuration....

Local subnet --> is my own network

Remote subnet --> Actual subnet provided by the customer

Once a tunnel is established a routing table will be created in all the hops (i.e, computers) falling in the remote subnet.

IPsec --> Internet Protocol Security

Networking

Subnetting

Network Layers