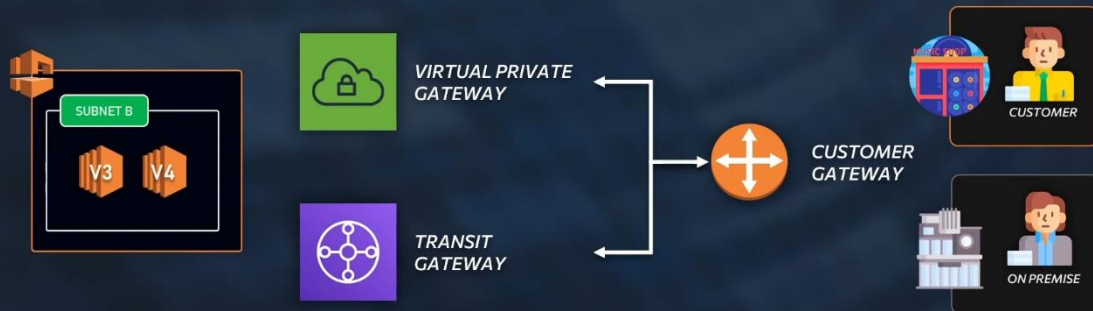


VPN -VIRTUAL PRIVATE GATEWAY

HOW AWS SITE-TO-SITE VPN WORKS

Offers two VPN tunnels between a **virtual private gateway** or a **transit gateway** on the AWS side, and a **customer gateway** (which represents a VPN device) on the remote (on-premises) side.



VIRTUAL PRIVATE GATEWAY

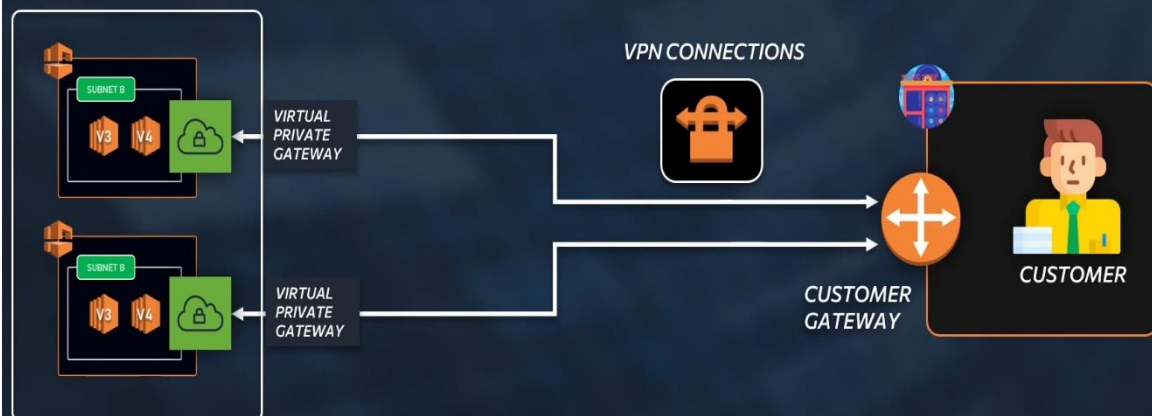
A virtual private gateway is the **VPN concentrator on the Amazon side** of the Site-to-Site VPN connection. You create a virtual private gateway and attach it to the VPC from which you want to create the Site-to-Site VPN connection.



Autonomous System Number (ASN) -- default ASN (64512)

If you create your virtual private gateway before 2018-06-30, the default ASN is 17493 in the Asia Pacific (Singapore) region, 10124 in the Asia Pacific (Tokyo) region, 9059 in the Europe (Ireland) region, and 7224 in all other regions.

A virtual private gateway is the **VPN concentrator on the Amazon side** of the Site-to-Site VPN connection. You create a virtual private gateway and attach it to the VPC from which you want to create the Site-to-Site VPN connection.



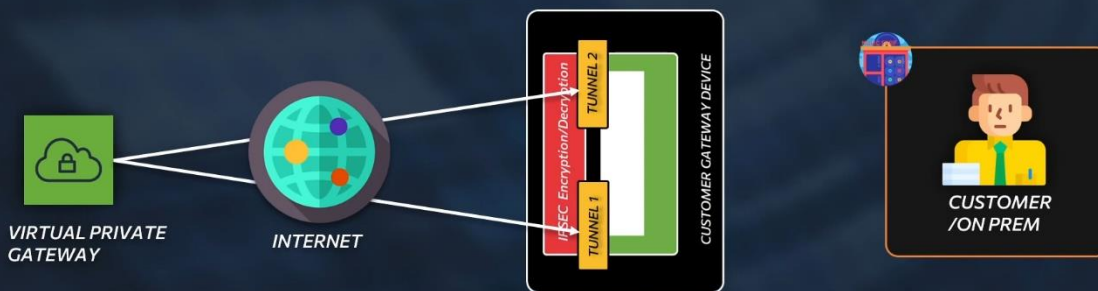
TRANSIT GATEWAY

A transit gateway is a **transit hub** that you can use to interconnect **your virtual private clouds (VPC) and on-premises networks**.



CUSTOMER GATEWAY AND CUSTOMER DEVICE

A customer gateway device is a **physical device or software application** on your (Customer/ON PREM) side of the Site-to-Site VPN connection.



ACCELERATED SITE TO SITE VPN CONNECTION

An accelerated Site-to-Site VPN connection (accelerated VPN connection) uses **AWS Global Accelerator** to route traffic from your on-premises network to an **AWS edge location** that is closest to your customer gateway device.

