Mack Dirks
Seattle-ops-301d8

Site-to-Site VPN Solution

Globex

GreenGenius

VPC CIDR: 10.0.0.0/16

Public Subnet

Server

Virtual Private Gateway

VPN Connection

Open Swan CGW

CIDR: 172.31.0.0

Internal Server

Route
Propagated Virtual Private Gateway

Route
Destination: 10.0.0.0/16
Target: OpenSwan Instance
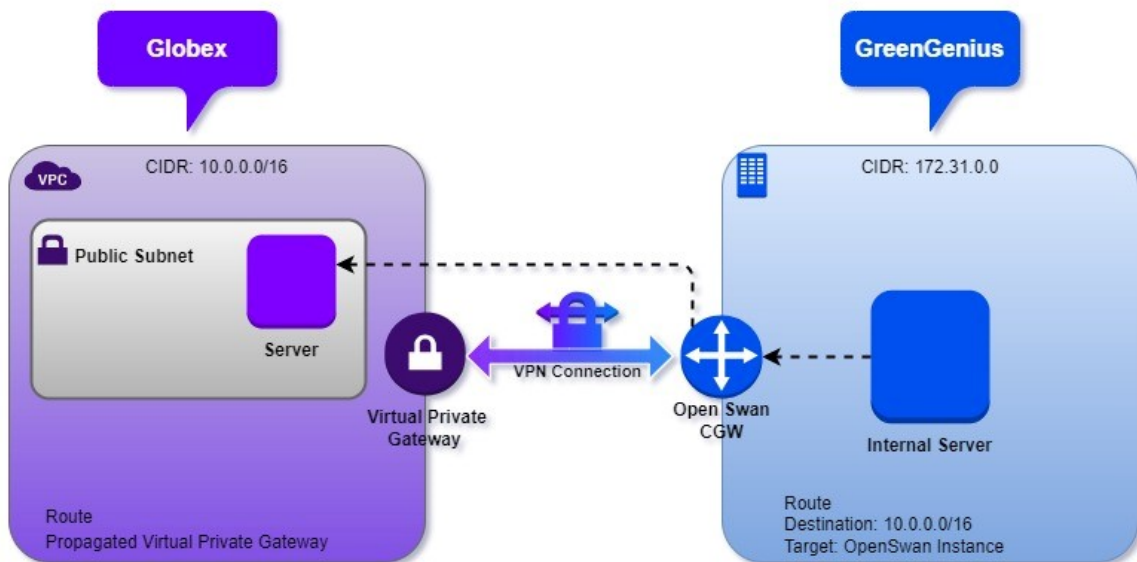
AWS Site-to-Site Benefits:

- Reduced-cost network solutions
- Business growth scalable accomodations
- Compatability with already a client's existing network infrastructure
- Enhanced security features (encryption, access control, etc.)
- Security and integrity of all the data transferred via encrypted VPN Tunnel
- Redundant VPN connections in order to create better backup options and improve reliability
- Integrated Network environment for collaboration, resource sharing, and access to applications and services accross different networks

Resources used to implement the AWS Site-to-Site VPN:

https://docs.aws.amazon.com/whitepapers/latest/aws-vpc-connectivity-options/aws-site-to-site-vpn.html
https://www.youtube.com/watch?v=7tTrN8WXMlg&t=237s
https://www.youtube.com/watch?v=AKQ7FdEuWz4
https://www.youtube.com/watch?v=Wa0JTKhbsOY