

# VMware Cloud on AWS TGW and vTGW

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## Direct Connect Virtual Interfaces (VIF) types

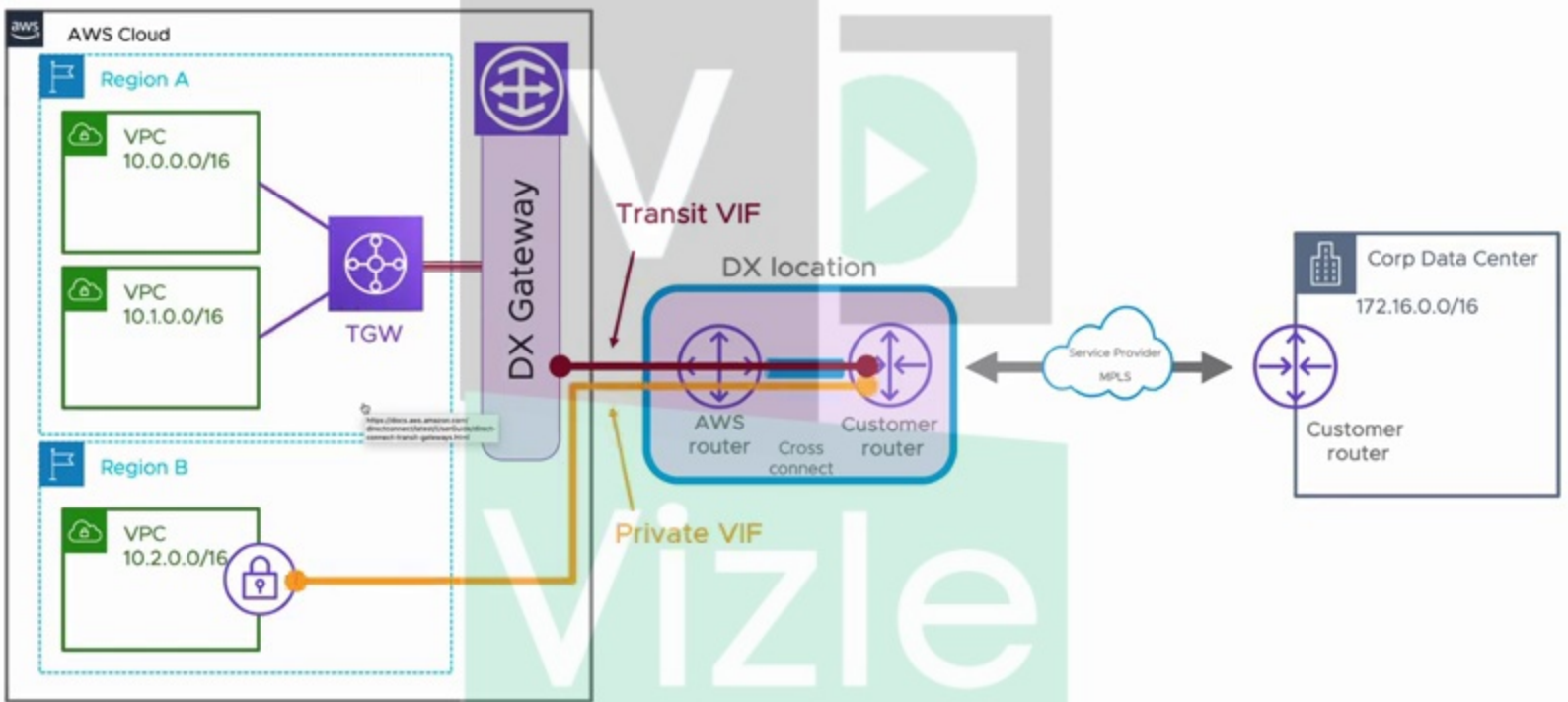
- **Private VIF**
  - Used to connect to VPC using **private** IP addresses
  - Can be directly attached to **VGW** (supported on VMC)
  - or via **Direct Connect gateway** (not supported on VMC)



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# Design Validity – Transit VIF and Private VIF mix ✔



vmware Account

VTGW

VPC attachments

VPC attachment

Customer Account

SDDC-Group

SDDC1

SDDC2

VPC21

VPC22

AZ 1

AZ 1

Subnet 10-vpc21

Subnet 10-vpc22

172.221.10.0/24

172.222.10.0/24

EC2

EC2

MGW

CGW

MGW

CGW

10.10.10.0/23

192.168.10.0/24

192.168.11.0/24

10.20.0.0/23

192.168.20.0/24

192.168.21.0/24

.11.196

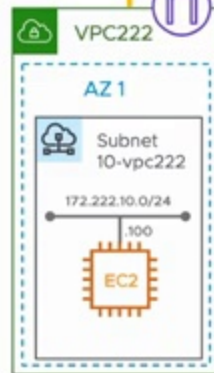
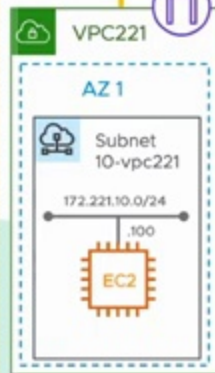
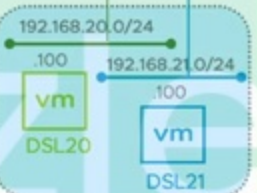
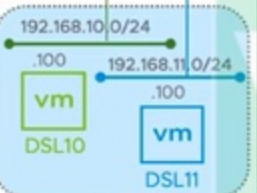
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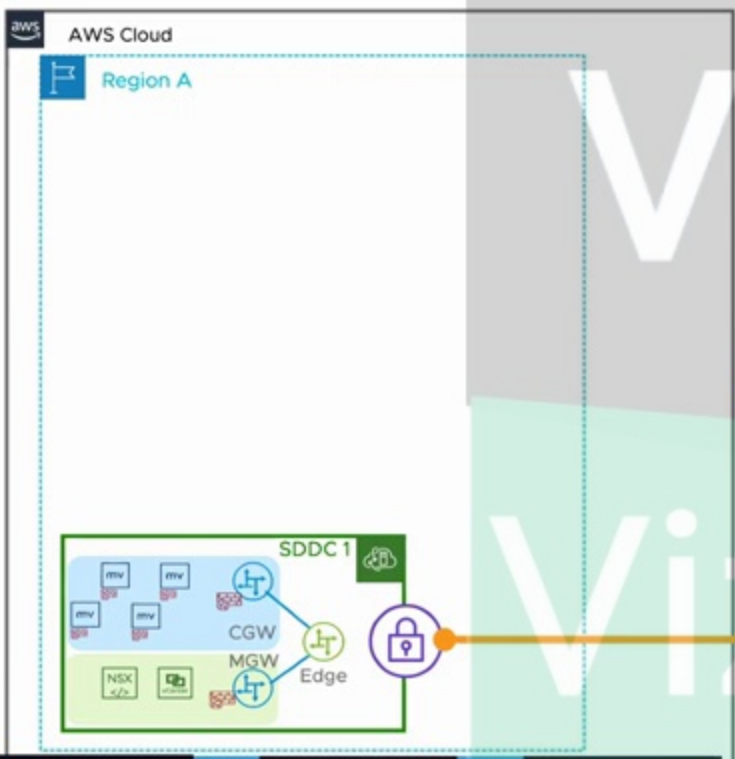
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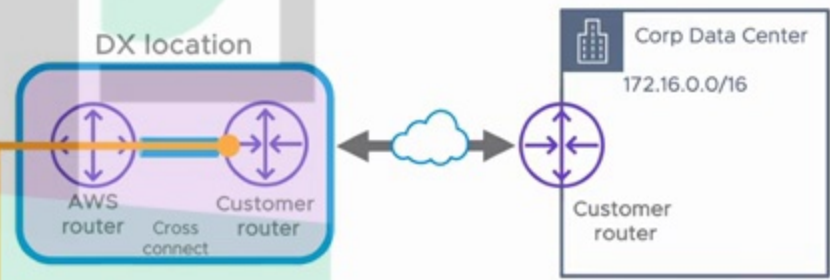
.100



# NO Transitive Routing via SDDC



Existing environment with SDDC1 and DX



Direct Connect Private VIF



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