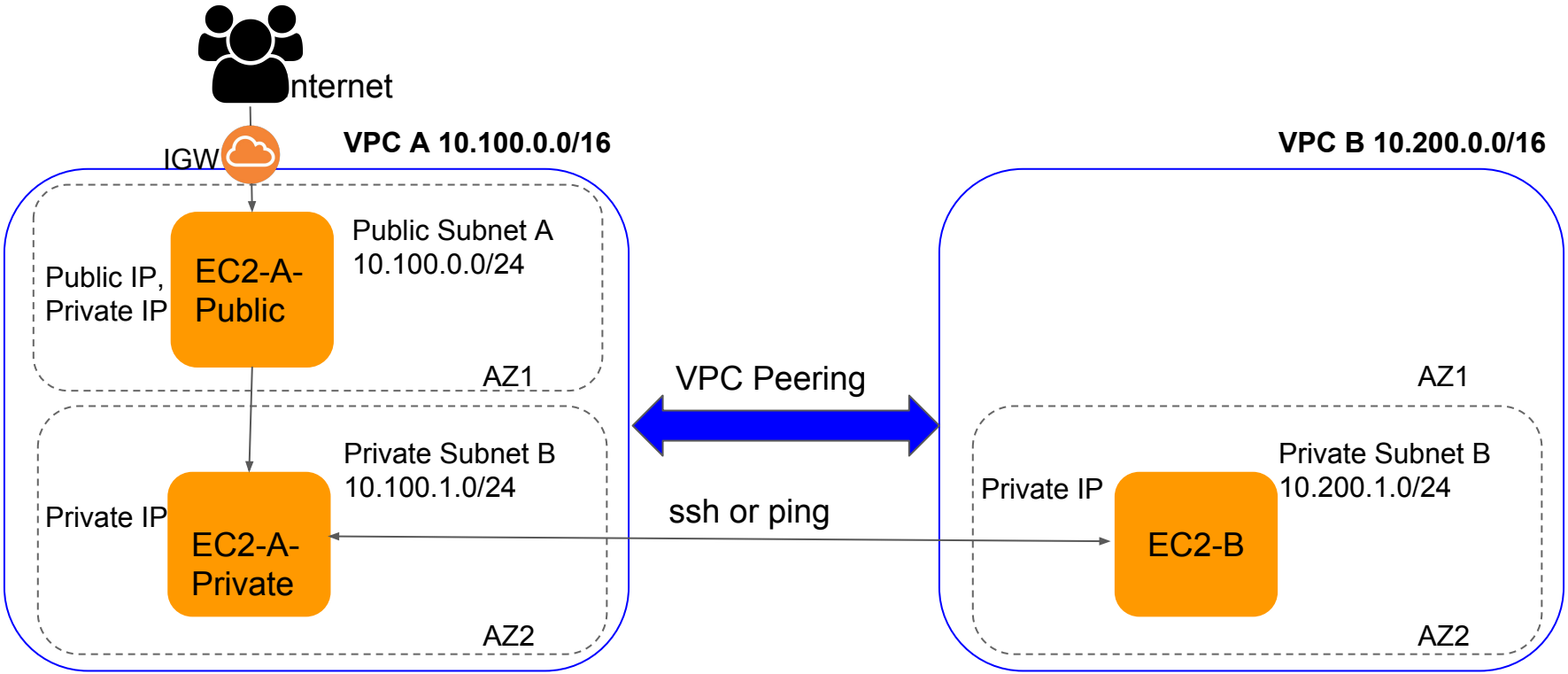
VPC Peering


nternet
IGW
VPC A 10.100.0.0/16
VPC B 10.200.0.0/16
Public IP,
Private IP
EC2-A-
Public
Public Subnet A
10.100.0.0/24
AZ1
VPC Peering
AZ1
Private Subnet B
10.100.1.0/24
Private IP
EC2-A-
Private
ssh or ping
Private IP
EC2-B
Private Subnet B
10.200.1.0/24
AZ2
AZ2

VPC Peering

1. Create 2 VPCs - VPC-A and VPC-B with non-overlapping CIDR range
2. Create 1 public, 1 private subnets in each VPC-A
3. Create 1 private subnet in VPC-B
4. Create 1 instance in each VPC in subnets created above.
5. For VPC-A Public EC2 instance open security group 22 for your Public IP (Myip)
6. For VPC-A Private EC2 instance open security group 22 for VPC-A public subnet CIDR
7. For VPC-B EC2, open security group to allow port 22 and ICMP from other VPC-A private subnet CIDR
8. Login (ssh) to VPC-A Public EC2 instance. From there connect to VPC-A Private instance.You should be able to connect. (You need to have ssh key)
9. From VPC-A Private EC2, try to connect to VPC-B EC2 over Private IP. Does not connect.
10. Now create VPC peering between VPC-A and VPC-B.
11. Accept peering request from requested VPC-B
12. Modify route tables for both the subnets and add corresponding routes. i.e in VPC-A Subnet route table add route for destination as VPC-B CIDR and vice-a-versa.
13. Now try again to connect or ping from VPC-A EC2 to VPC-B EC2 using **Private IP**. You should be able to connect/ping.