

# Virtual Private Cloud

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- VPC is a software defined network providing private networking for VMs
- VPC network is a global resource with regional subnets
- Each VPC is logically isolated from each other
- Firewall rules allow or restrict traffic within subnets
- Resources within a VPC communicate via IPV4 addresses
- VPC networks can be connected to other VPC networks through VPC peering
- VPC networks are securely connected in hybrid environments using Cloud VPN or Cloud Interconnect