

Architecting Reliable Virtual Networks



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What we will
cover



Virtual Private Cloud (VPC) Overview

Creating a Custom VPC with Public and Private Subnets

Adding Public and Private Subnets to an Existing VPC

Validating Outbound Internet Access Through NAT Gateways

Implementing a Load Balancer in a VPC

Hybrid Networking with Amazon VPC



Virtual Private Cloud (VPC) Overview



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Amazon Virtual Private Cloud

Provision a logically isolated section of the Amazon Web Services (AWS) Cloud where you can launch AWS resources in a virtual network that you define

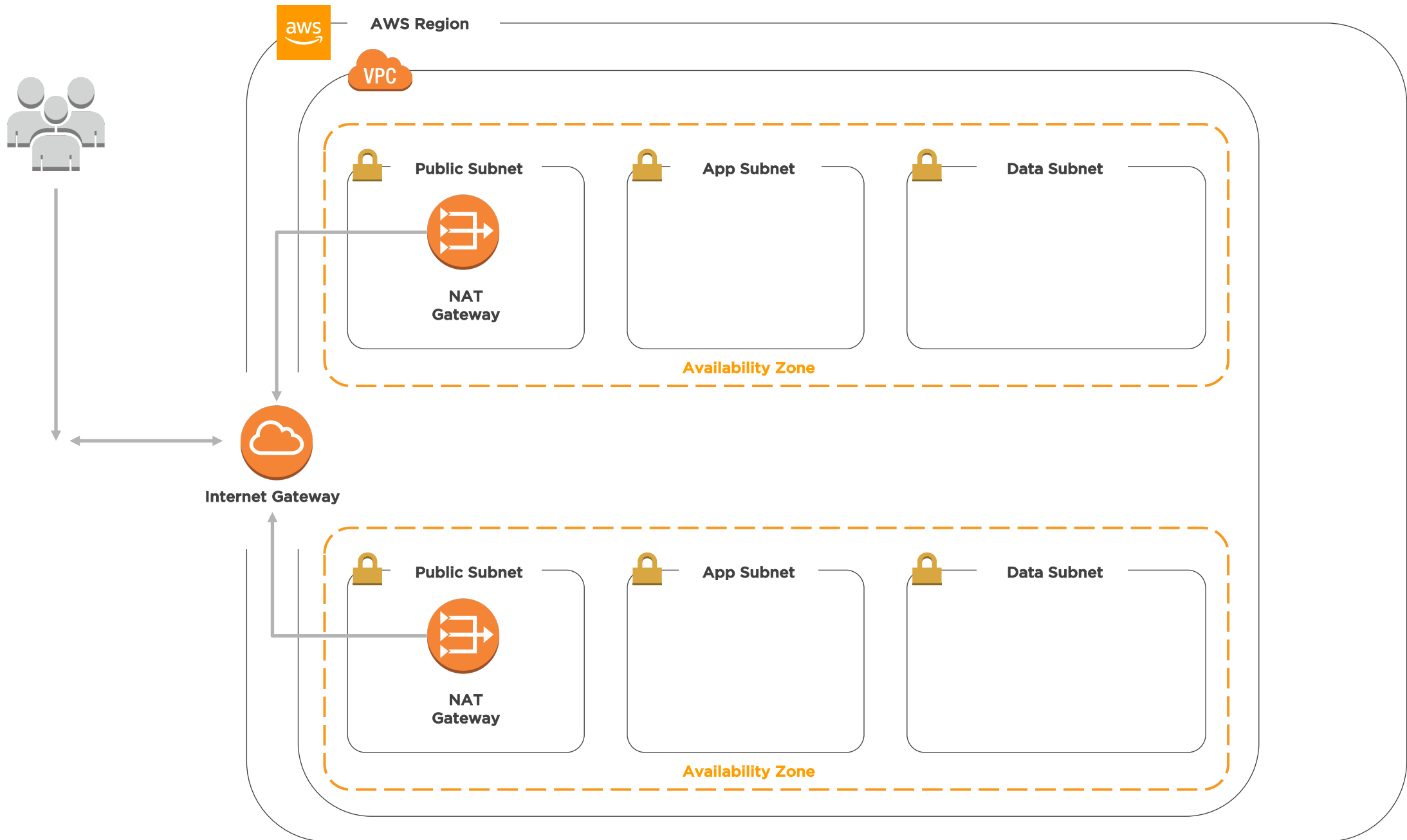
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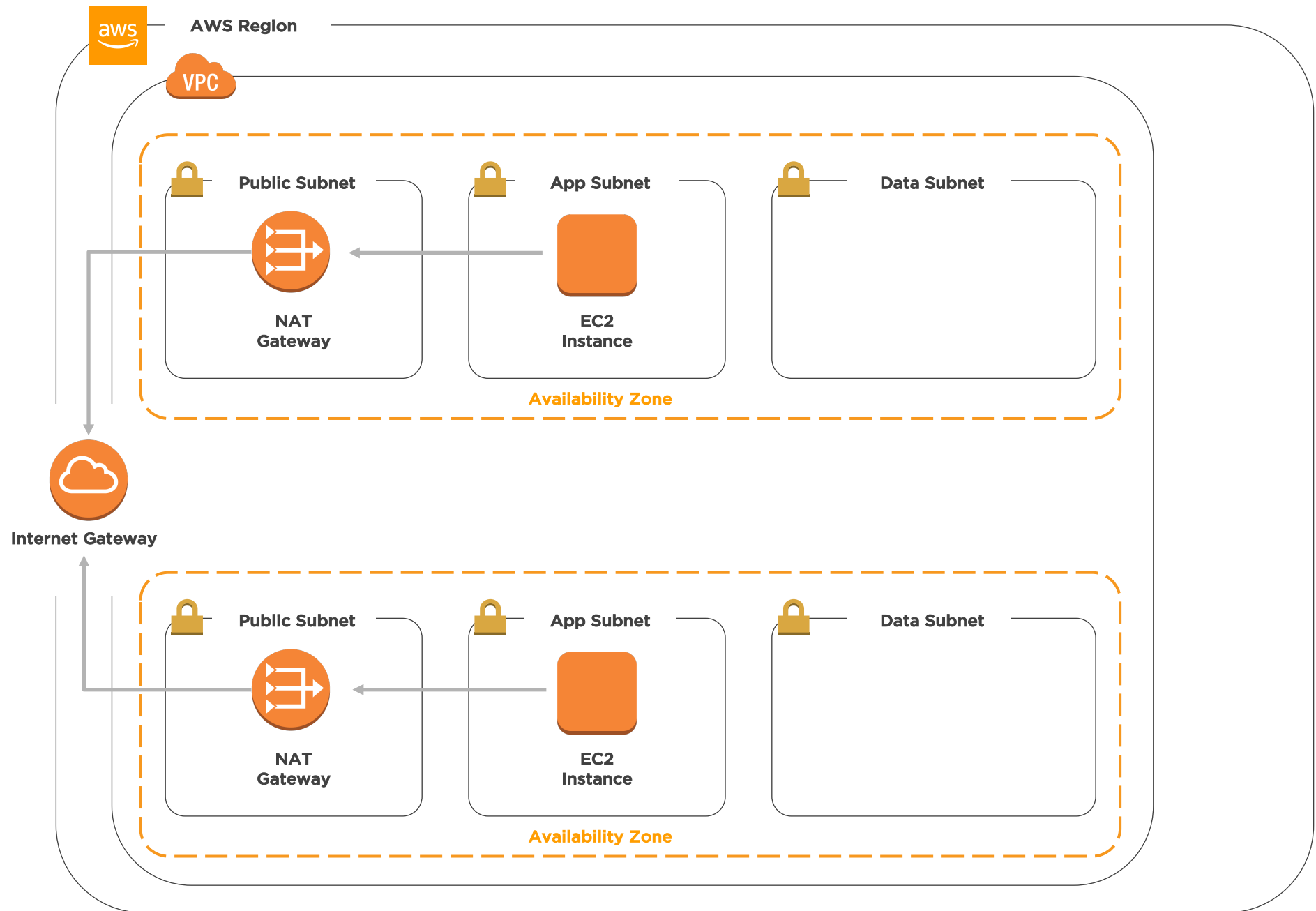
Amazon Virtual Private Cloud (Amazon VPC) lets you provision a logically isolated section of the AWS Cloud where you can launch AWS resources in a virtual network that you define. You have complete control over your virtual networking environment, including selection of your own IP address range, creation of subnets, and configuration of route tables and network gateways. You can use both IPv4 and IPv6 in your VPC for secure and easy access to resources and applications.

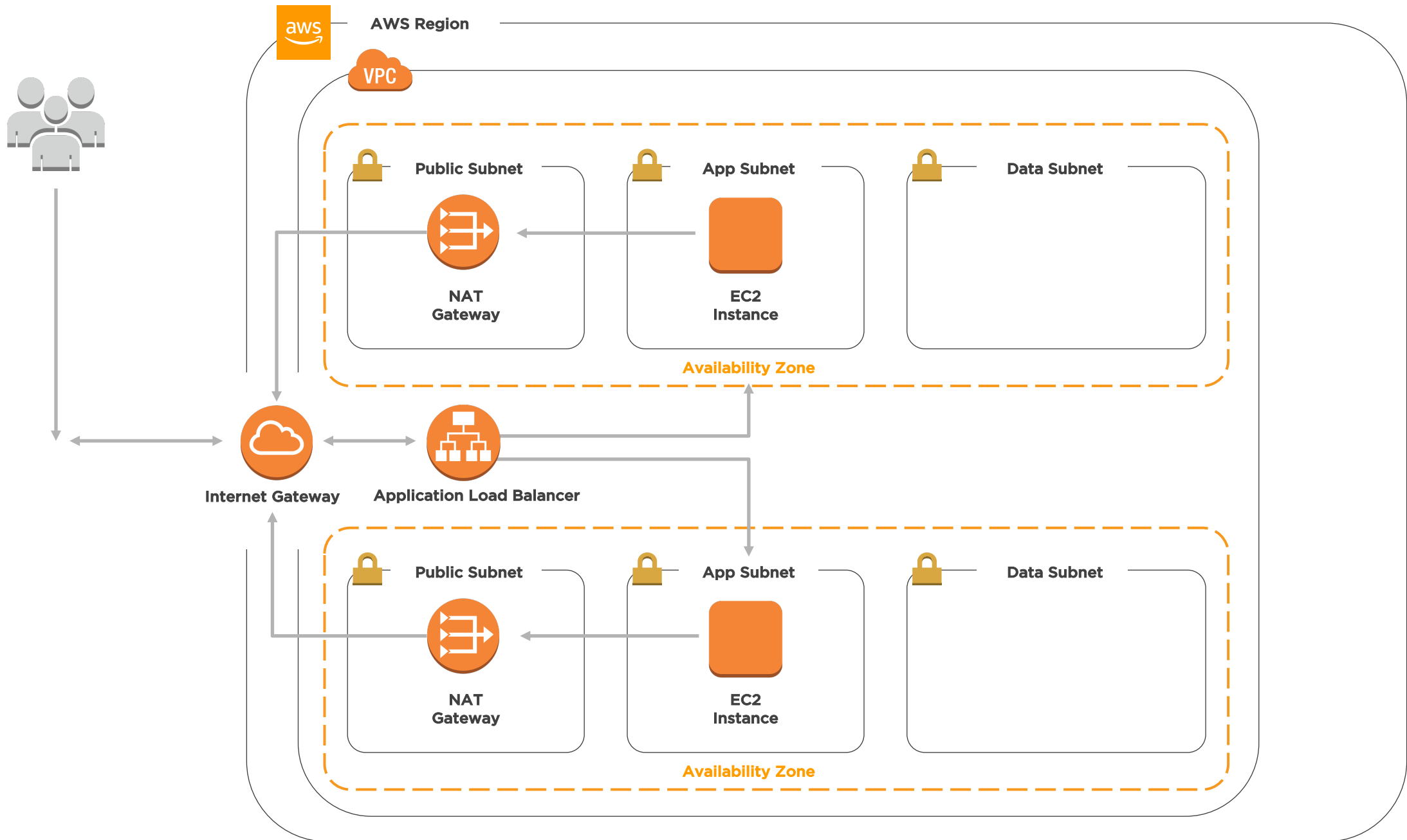
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<https://aws.amazon.com/vpc/>

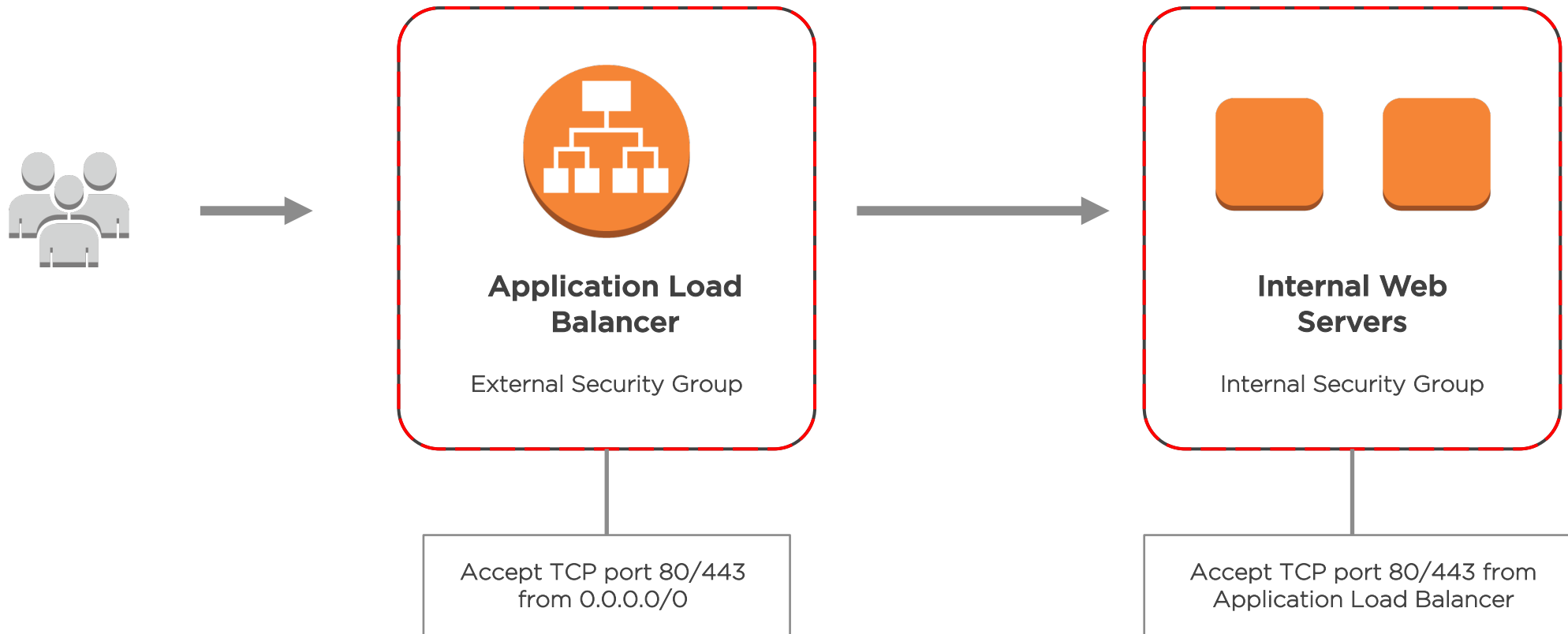




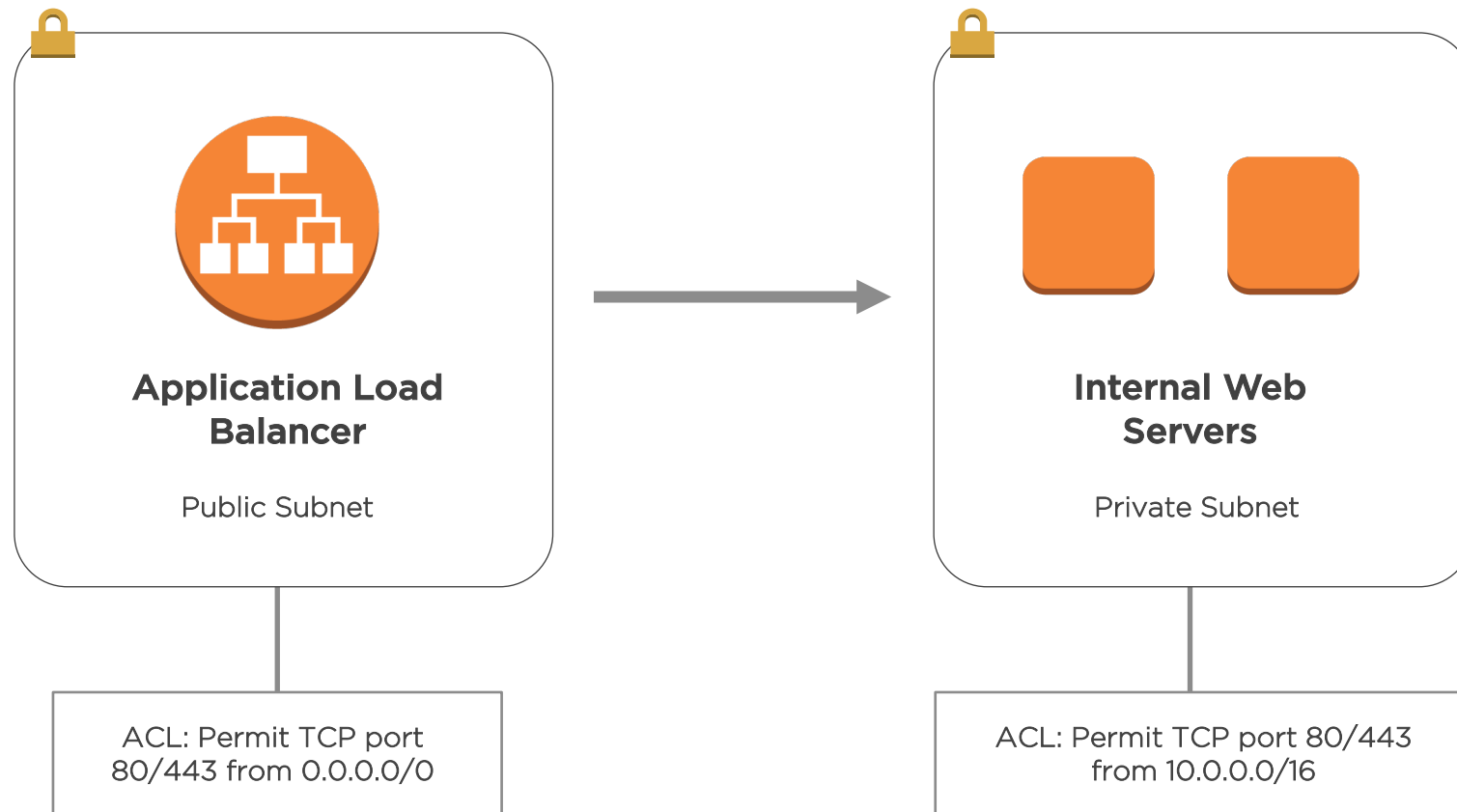




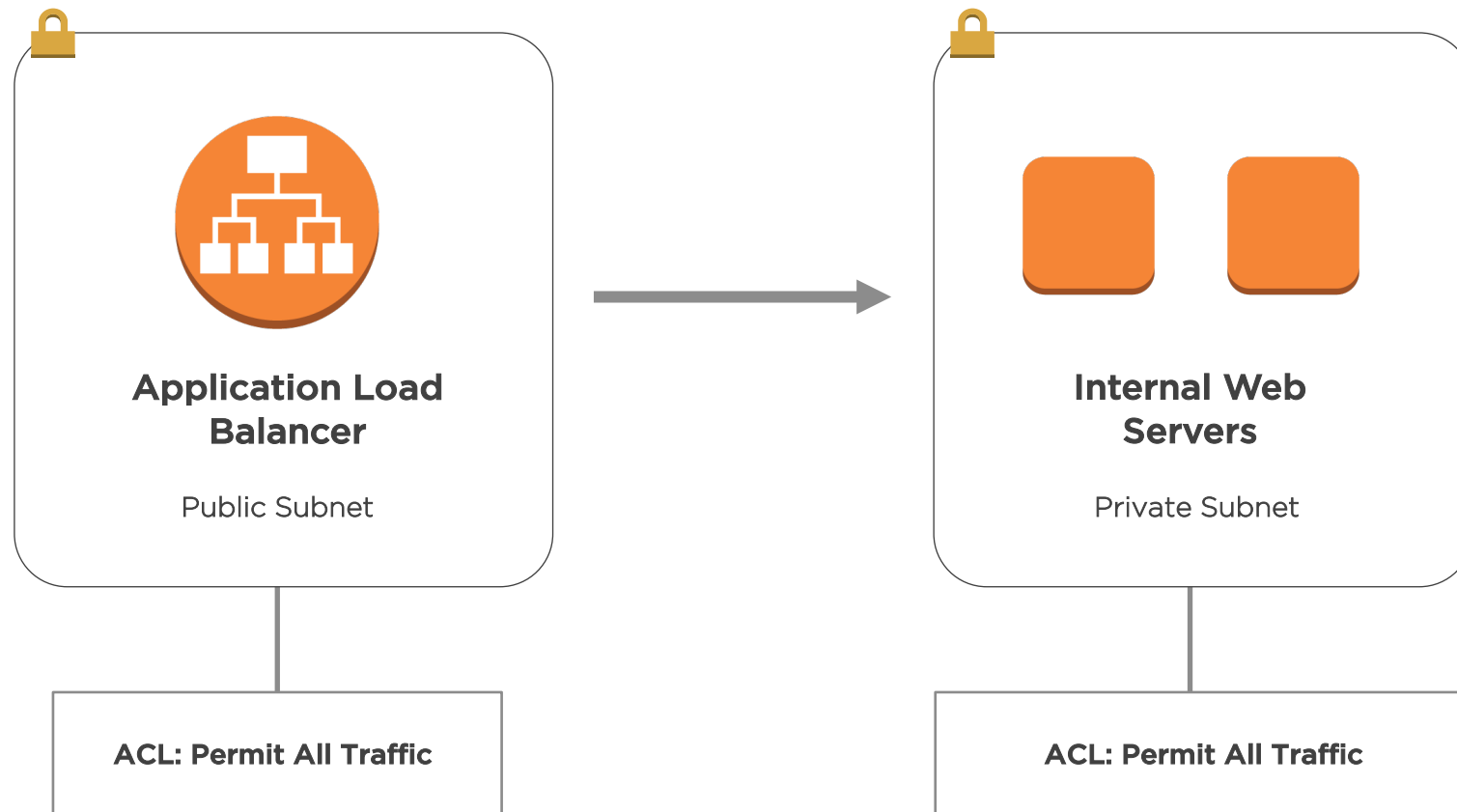
Security Groups



Network Access Control Lists (NACLs)



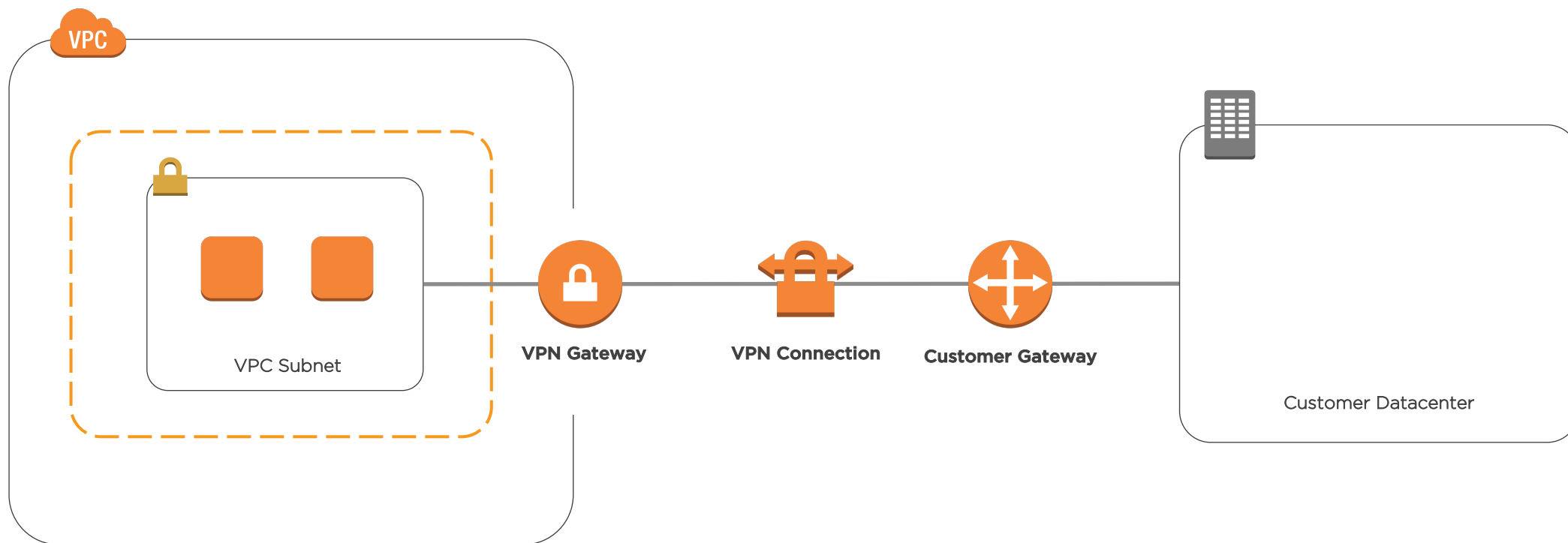
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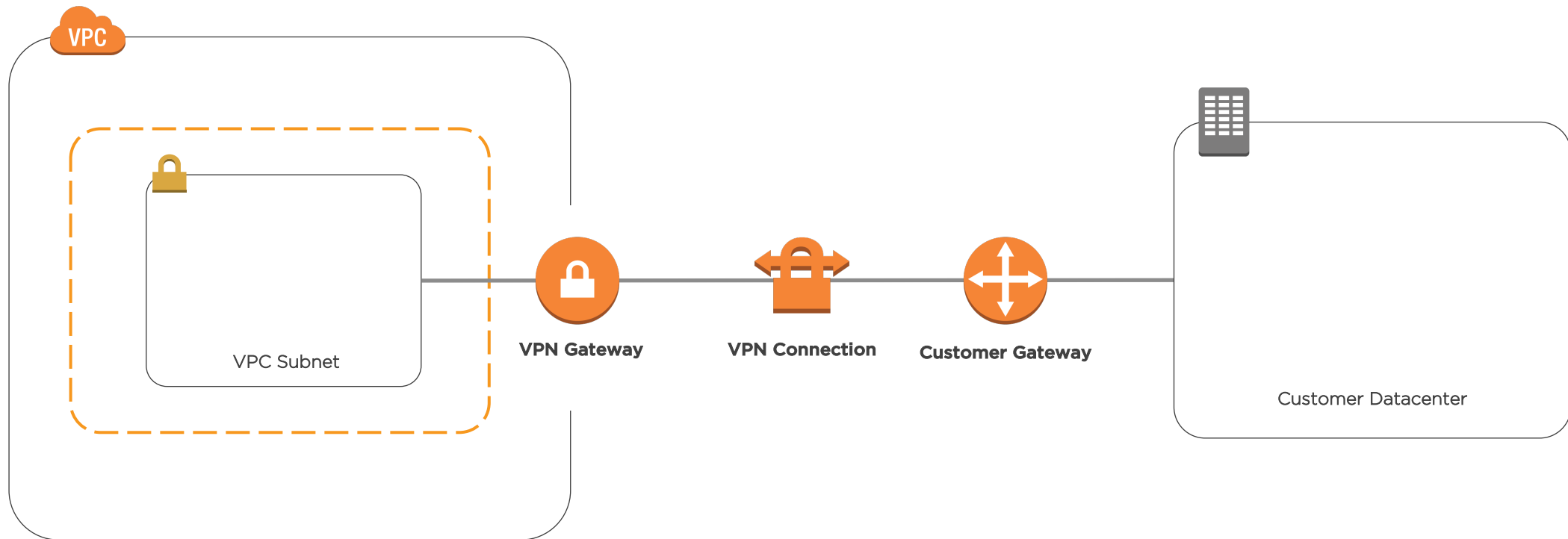
Hybrid Networking with Amazon VPC



Virtual Private Network (VPN)



AWS Direct Connect



Summary



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