



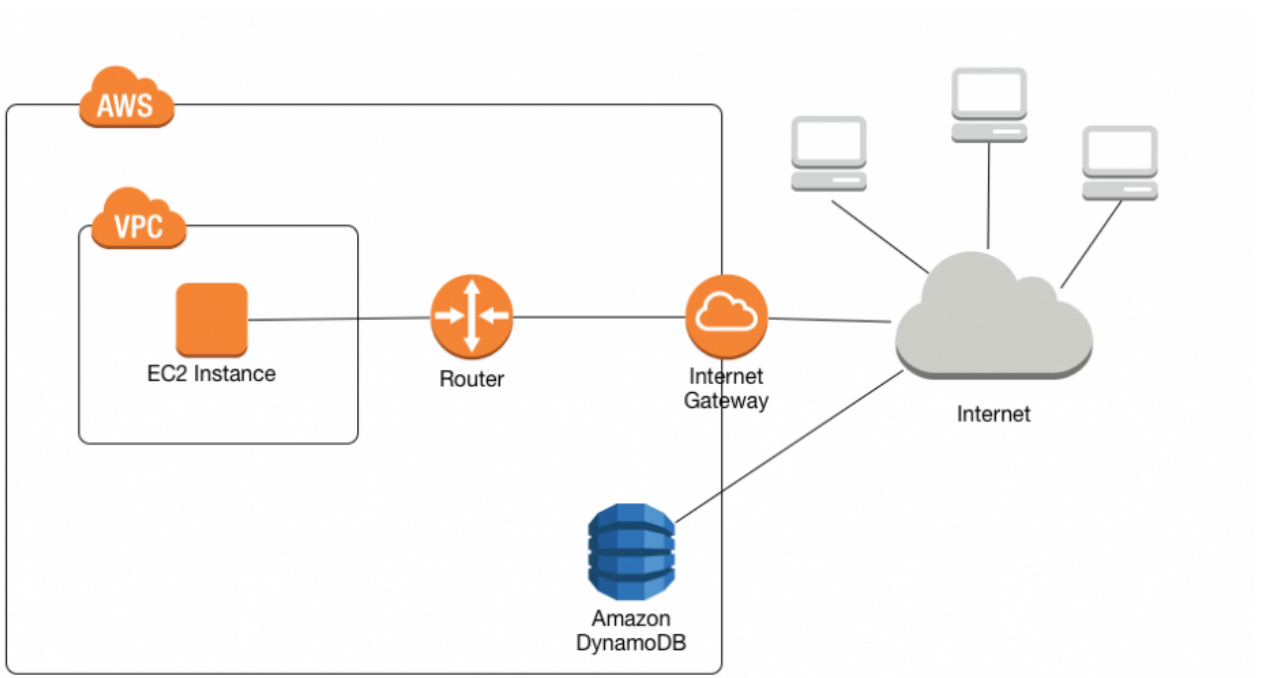
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Intro

1

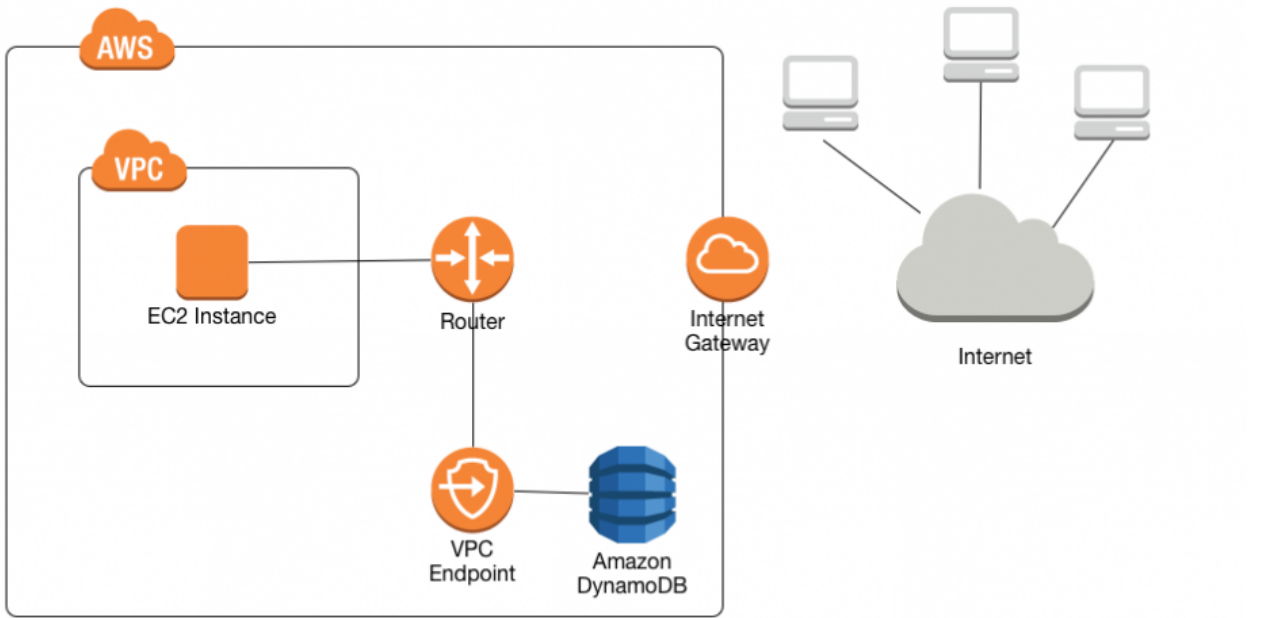
Before & After EndPoint

1



Before

2



After

2

A VPC endpoint enables you to privately connect your VPC to supported AWS services and VPC endpoint services powered by PrivateLink without requiring:

1

Internet gateway

2

NAT device

3

VPN connection

4

AWS Direct Connect connection

3

Endpoints are virtual devices. They are horizontally scaled, redundant, and highly available VPC components that allow communication between instances in your VPC and services without imposing availability risks or bandwidth constraints on your network.

3

AWS PrivateLink

Introduction

1

AWS PrivateLink simplifies the security of data shared with cloud-based applications by eliminating the exposure of data to the public Internet.

2

AWS PrivateLink provides private connectivity between VPCs, AWS services, and on-premises applications, securely on the Amazon network.

3

AWS PrivateLink makes it easy to connect services across different accounts and VPCs to significantly simplify the network architecture.

4

Type Of End Points

1

Gateway endpoints

A gateway endpoint is for supported AWS services only. You specify a gateway endpoint as a route table target for traffic destined to the following AWS services:

1

Amazon S3

2

DynamoDB

2

Interface endpoints

An interface endpoint is an elastic network interface with a private IP address from the IP address range of your subnet. It serves as an entry point for traffic destined to a supported AWS service or a VPC endpoint service. Interface endpoints are powered by AWS PrivateLink.

3

Gateway Load Balancer endpoints

A Gateway Load Balancer endpoint is an elastic network interface with a private IP address from the IP address range of your subnet. Gateway Load Balancer endpoints are powered by AWS PrivateLink. This type of endpoint serves as an entry point to intercept traffic and route it to a service that you've configured using Gateway Load Balancers,