

Microsoft Azure Fundamentals
Training Bootcamp

Networking in Azure Cloud Fundamentals 101

Azure Networking Overview

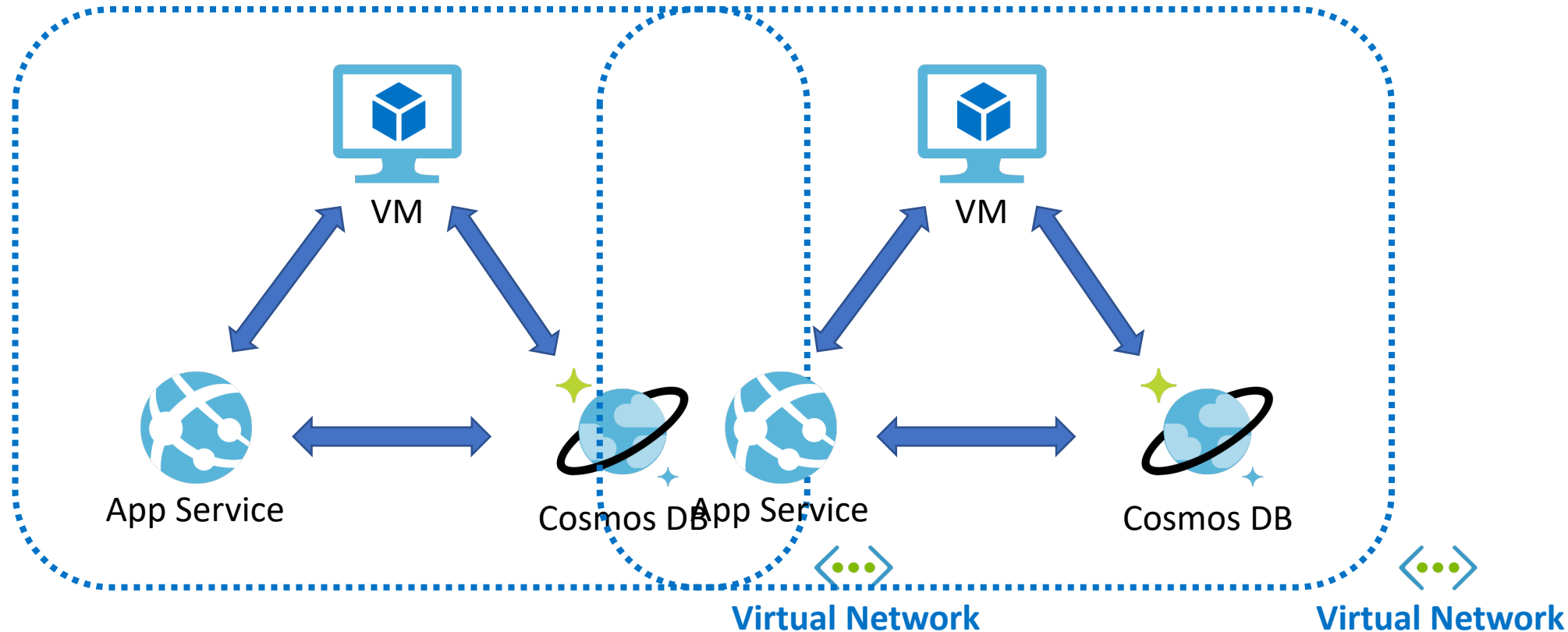
- ❑ Azure Networking covers a broad range of networking capabilities that can be used together or separately
- ❑ Azure Networking provides the following key capabilities:
 - ❑ *Connectivity services* – in this Module
 - ❑ vNET, ExpressRoute, VPN gateway
 - ❑ *Application protection services* – Module 10
 - ❑ DDoS protection, Firewall, NSGs, WAF, etc.

Azure Networking Overview

- ❑ *Application delivery services* – in this Module
 - ❑ CDN, Load Balancer, Application Gateway
- ❑ *Network monitoring* – Module 9
 - ❑ Azure Monitor, Azure Service Health, Network Watcher, etc.

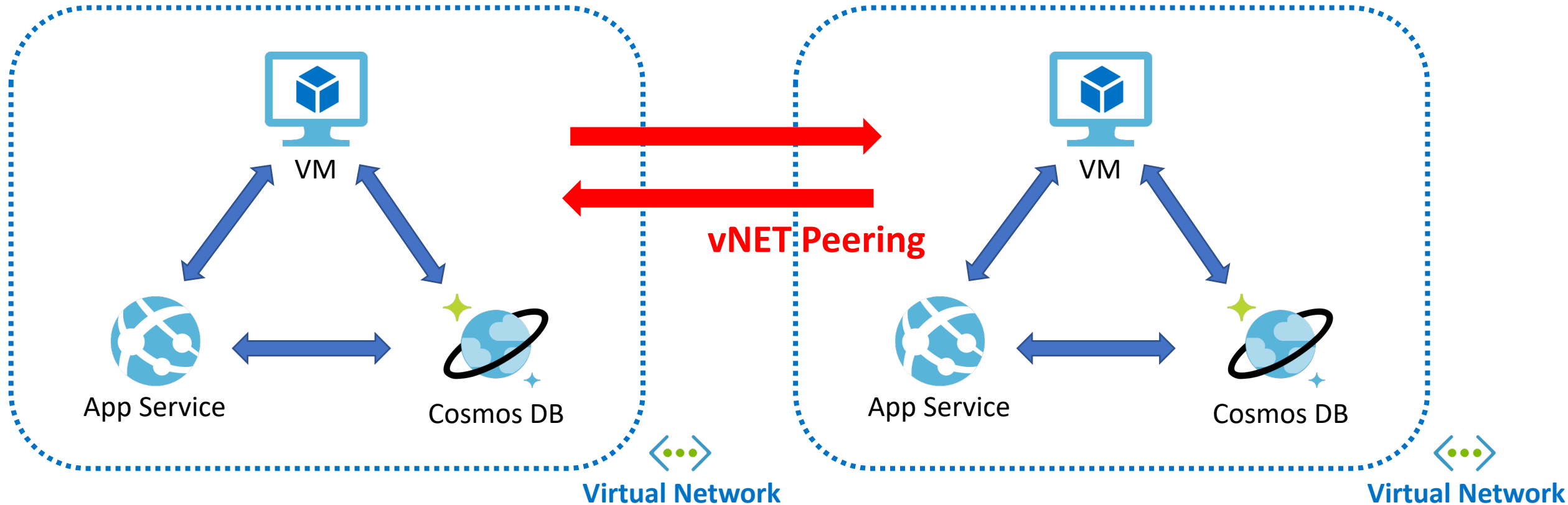
Azure Connectivity Services – Virtual Network

- ❑ Virtual Network (vNET) - the fundamental building block for your private network in Azure (“private DC”)



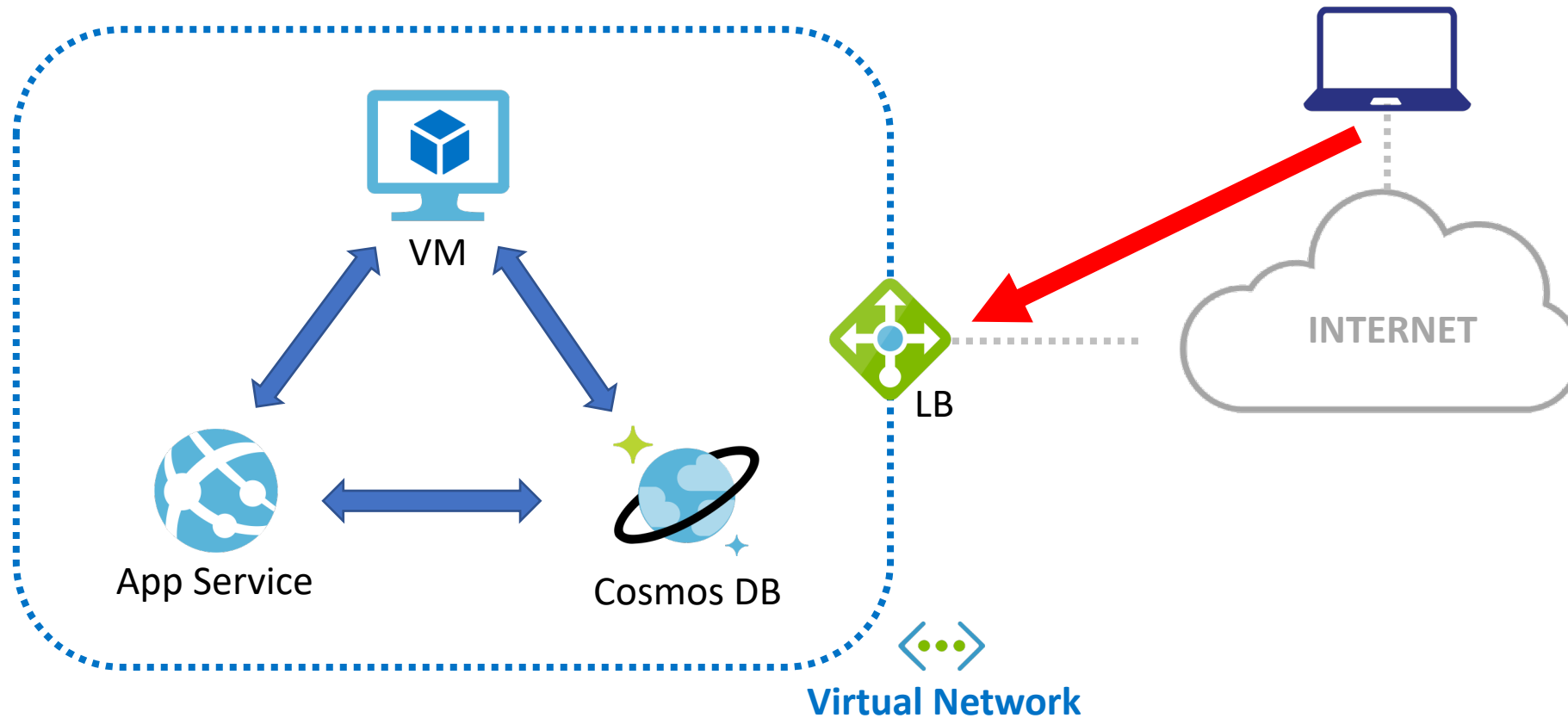
Azure Connectivity Services – vNET Peering

- ❑ Communicate between each other, within the same or different Azure Regions



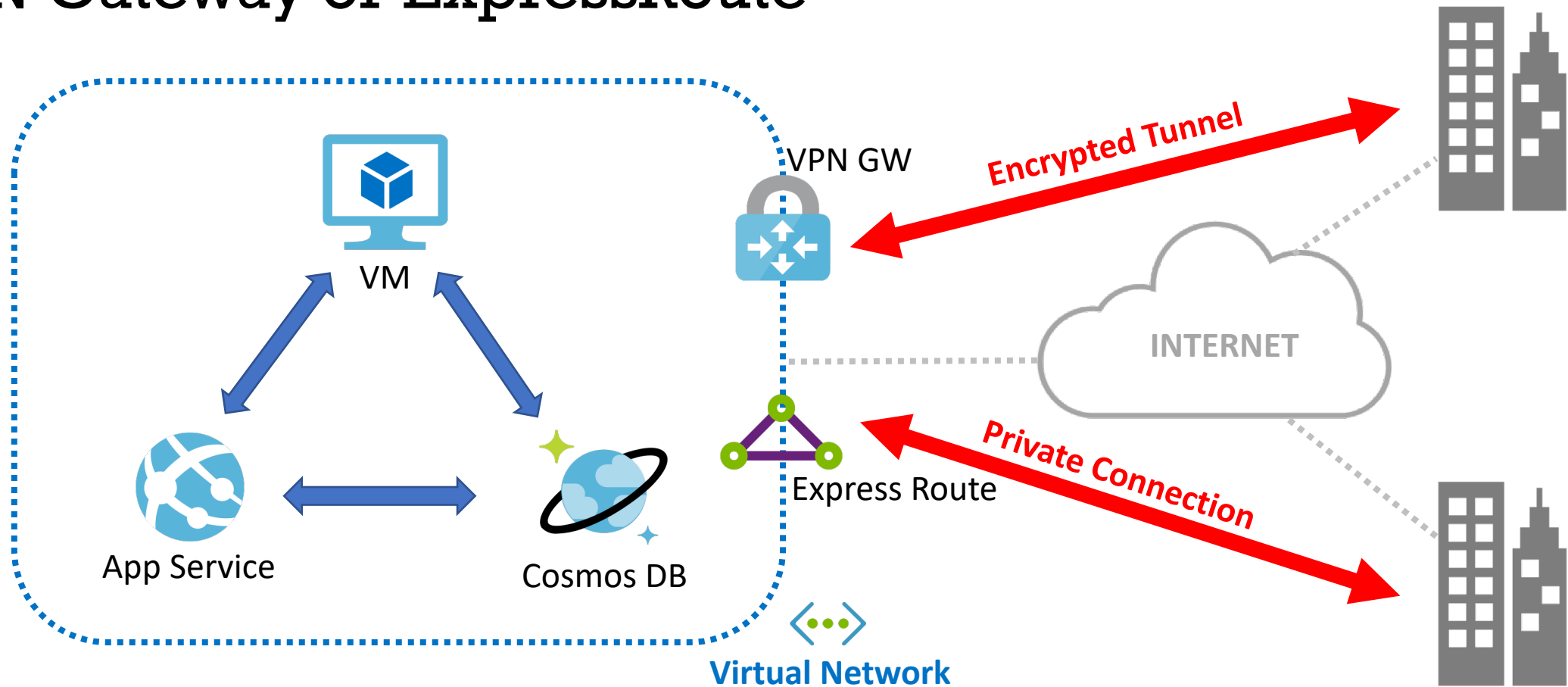
Azure Connectivity Services – Load Balancer

- ❑ Communicate inbound to a resource by assigning a public IP address or a public Load Balancer.



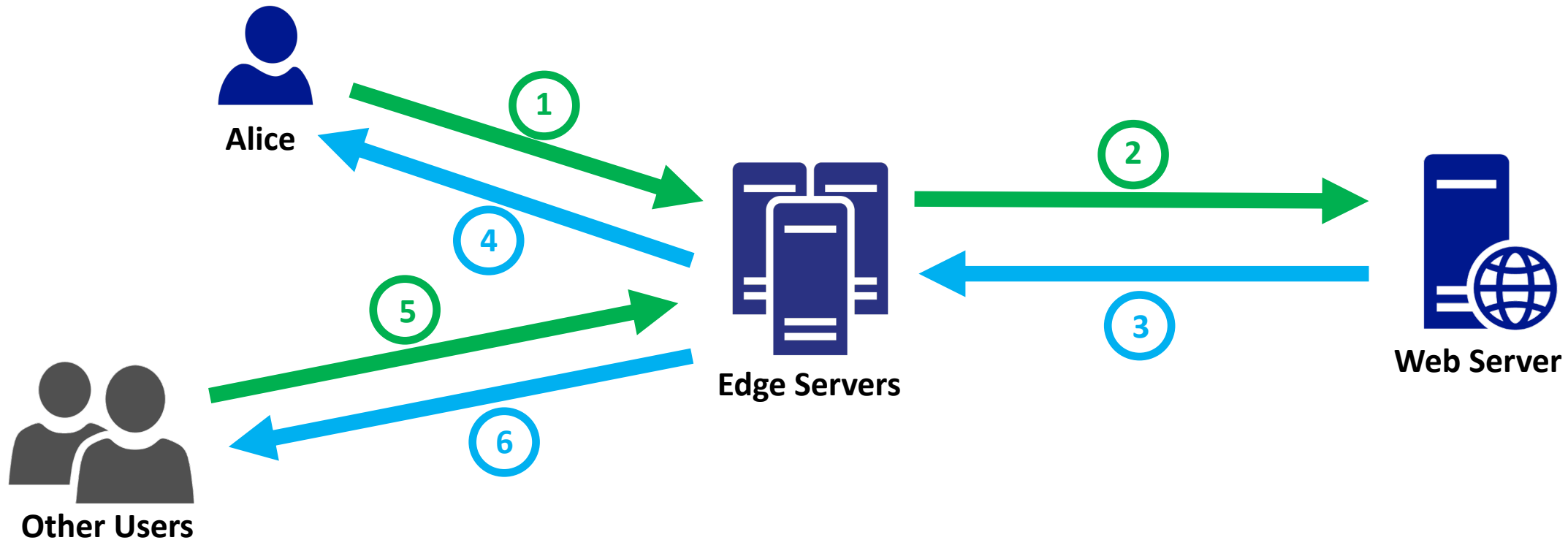
Azure Connectivity Services – On-Prem DC

- ❑ Connect your on-premises network to a virtual network using VPN Gateway or ExpressRoute



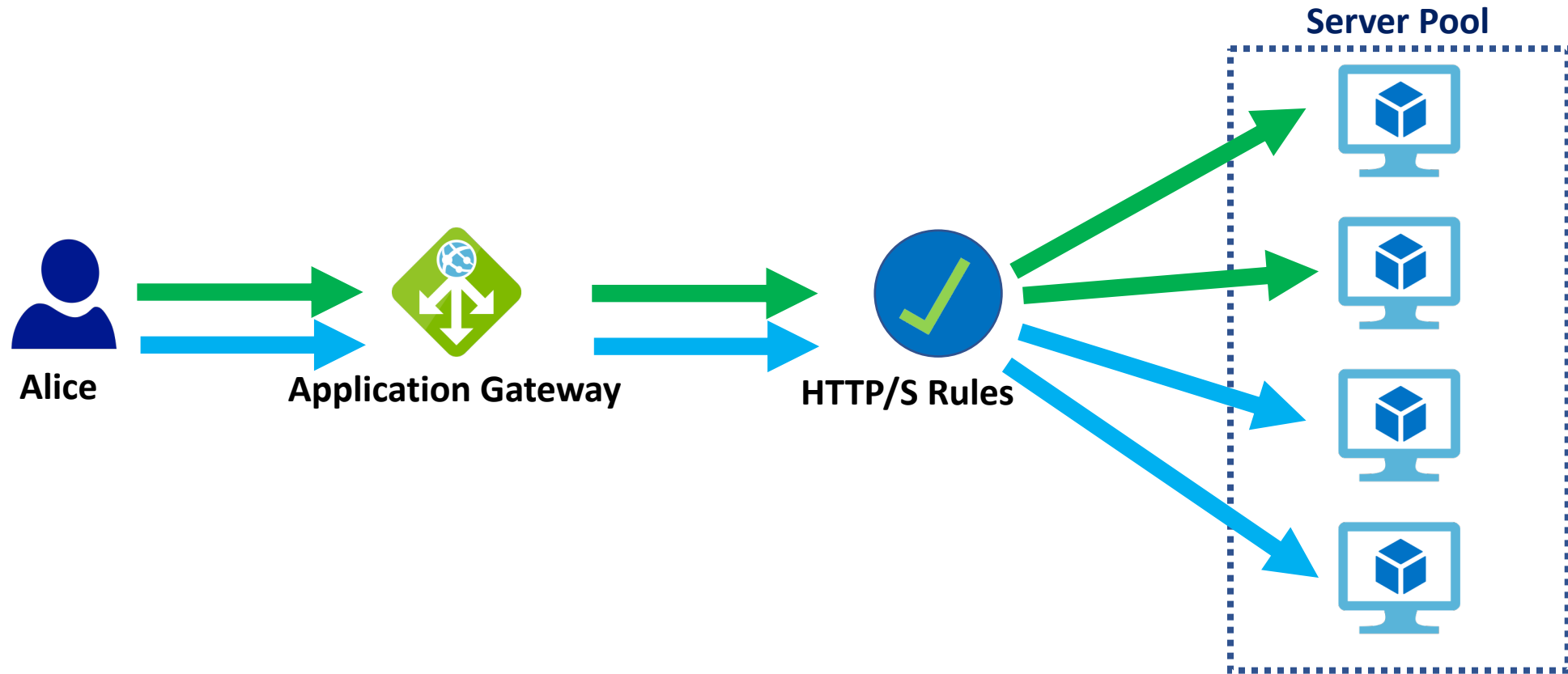
Azure Application Delivery Services

- ❑ Azure Content Delivery Network (CDN) delivers high-bandwidth content to users by caching their content at strategically placed physical nodes across the world



Azure Application Delivery Services

- ❑ Azure Application Gateway is a web traffic load balancer that enables you to manage traffic to your web applications



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Thank you