Building a Highly Available Application

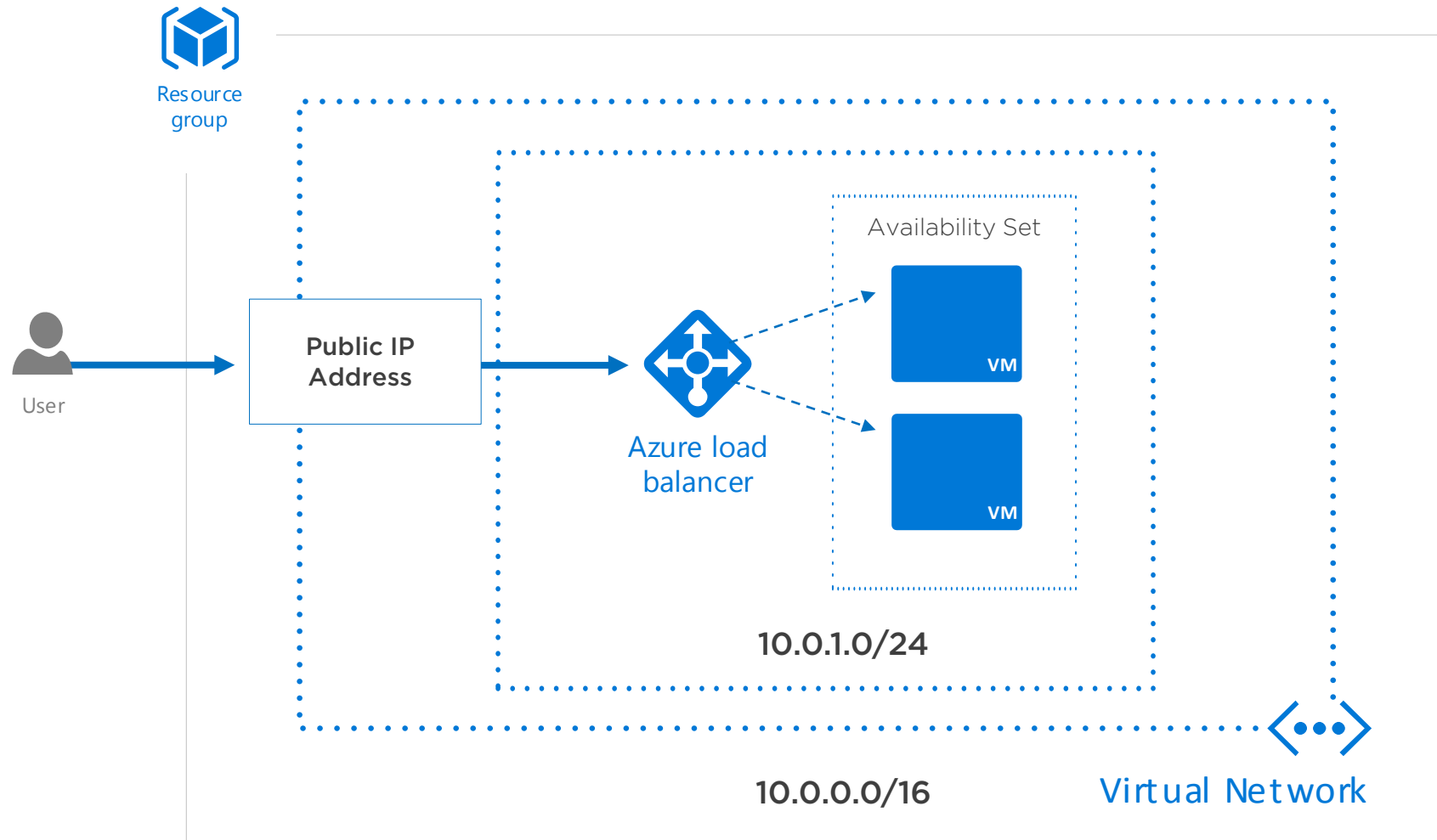**Mike Pfeiffer**

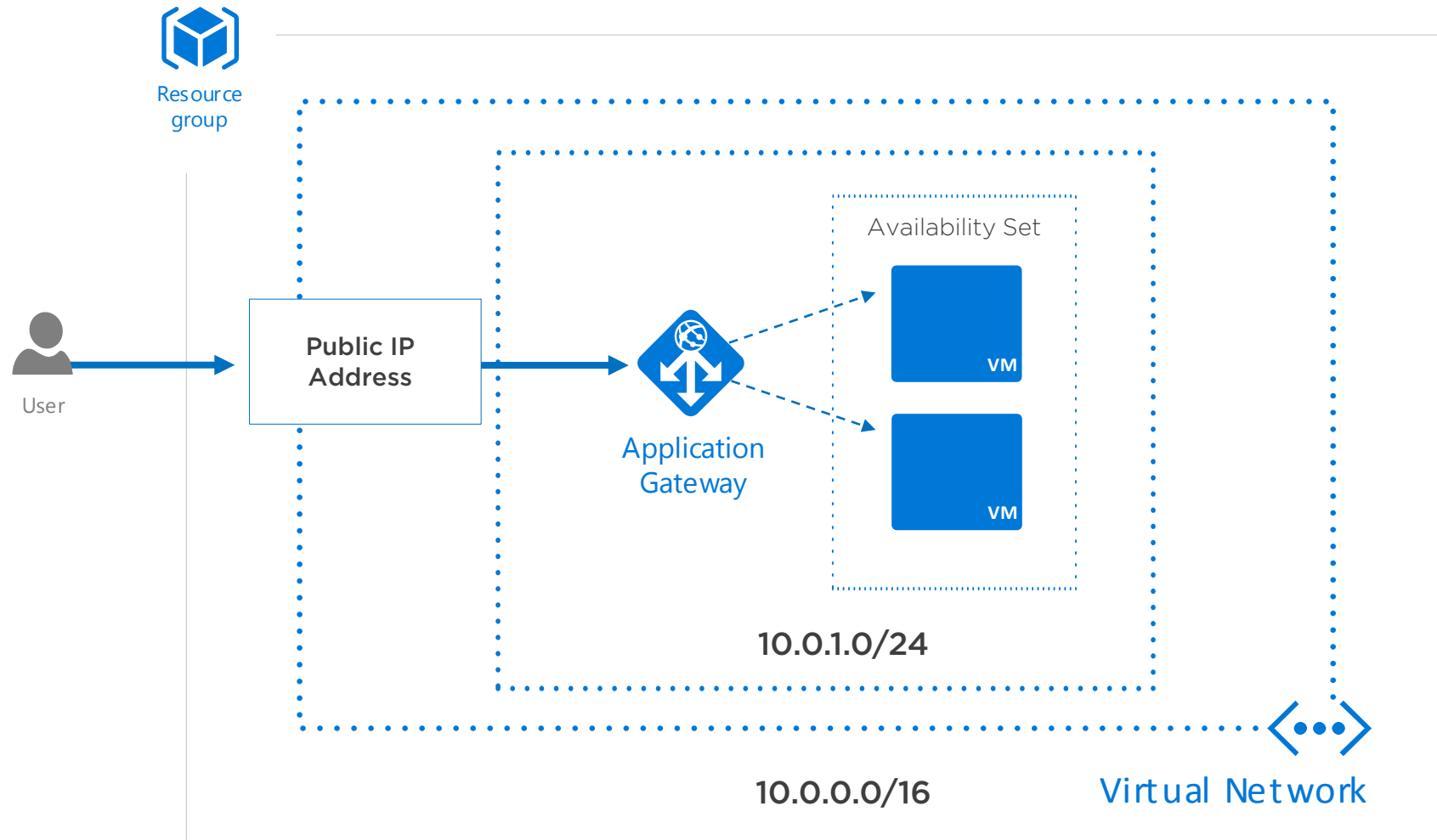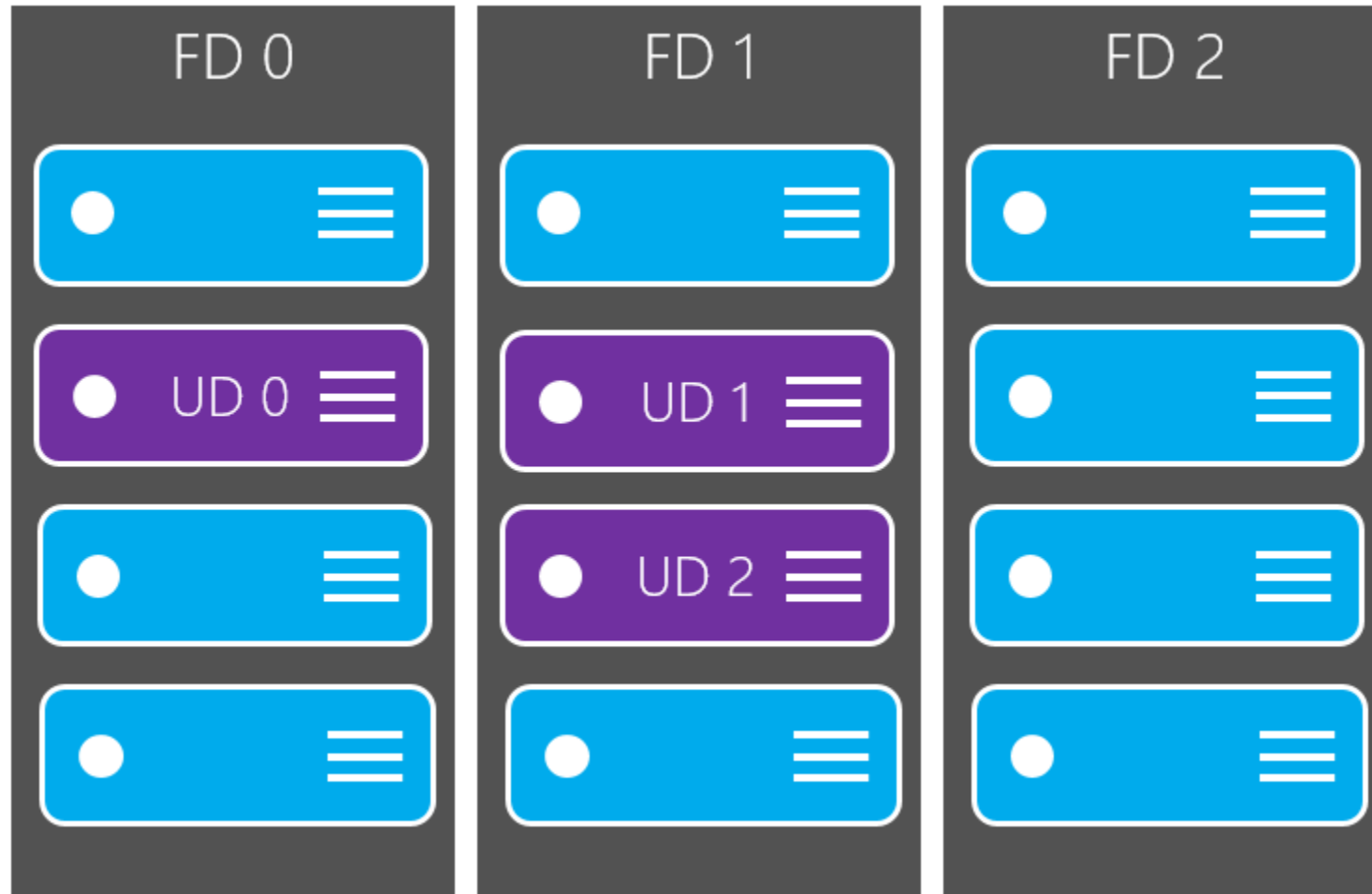@mike_pfeiffer   linkedin.com/in/mpfeiffer

What We're Going to Build
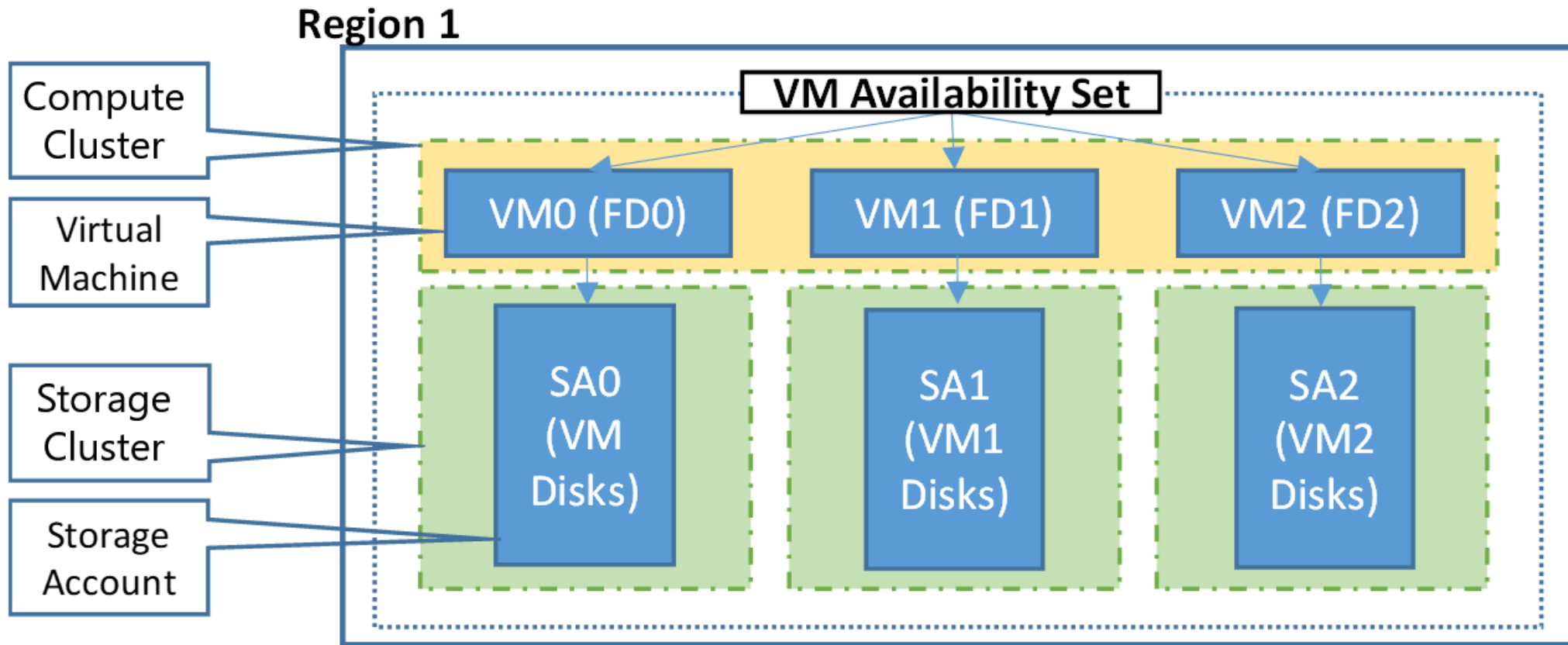
What We're Going to Build

Understanding Availability Sets

Understanding Availability Sets
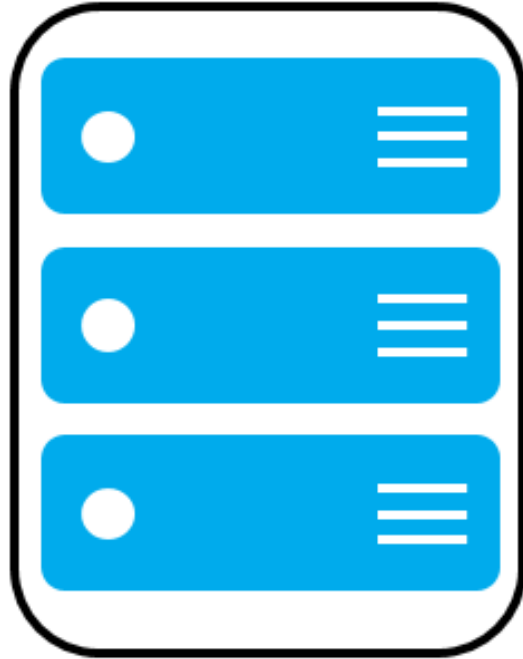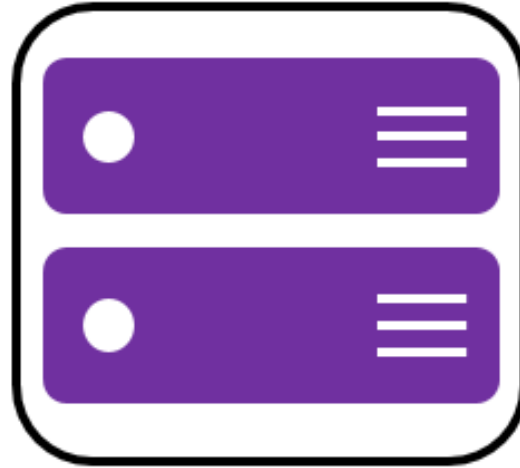

http://bit.ly/2q6zNRW

Understanding Availability Sets

Web Tier
Availability Set

Data Tier
Availability Set

http://bit.ly/2q6zNRW

Azure Application Gateway

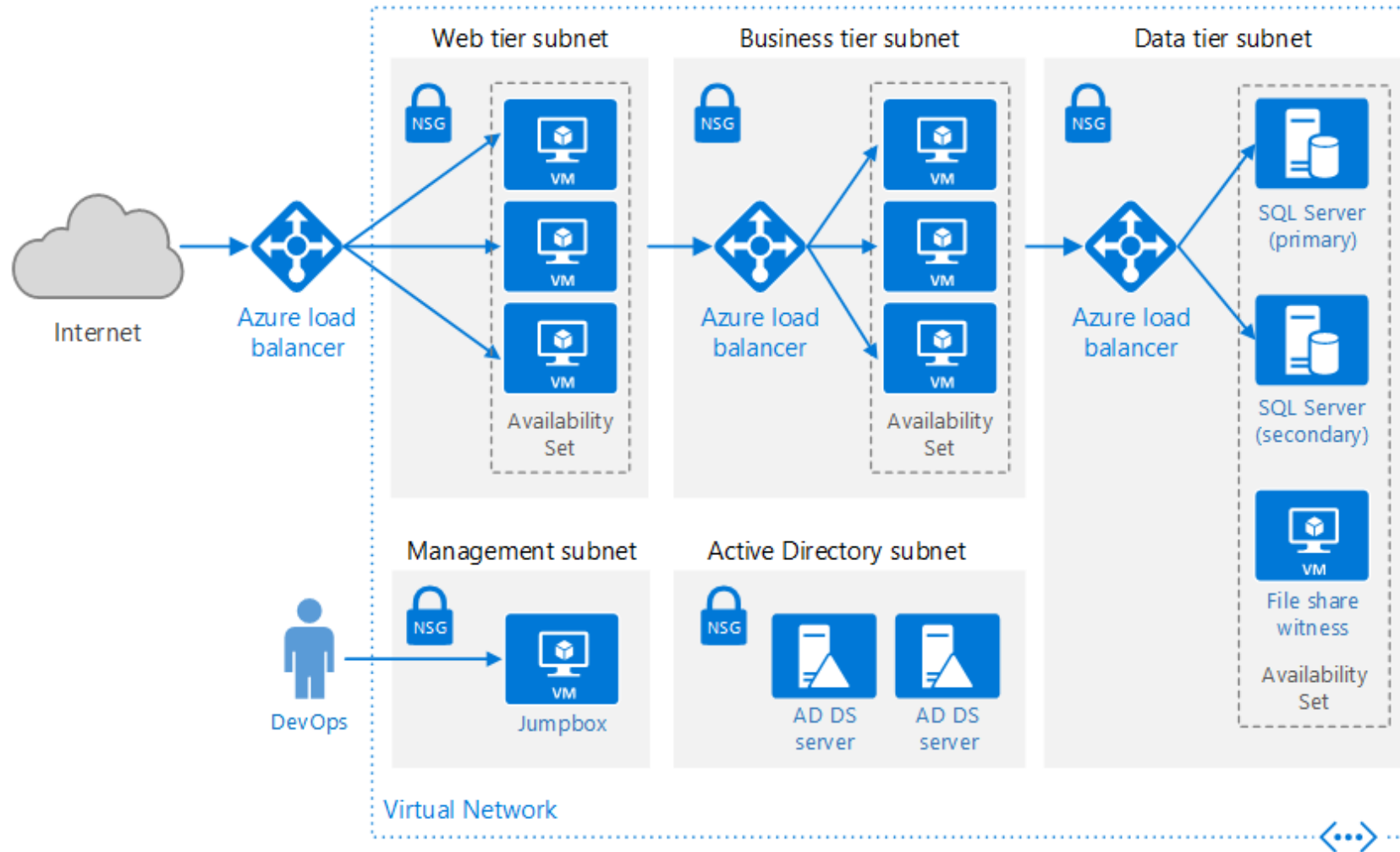|		
Web Application Firewall	**Cookie-based Session Affinity**	**SSL Offload**
End-to-End SSL	**URL-based Routing**	**Multi-site Routing**

Architecture for an N-tier Application

Summary

Create Availability Sets for each tier

Combine Availability Sets with Azure Load Balancer

Understand differences between Azure Application Gateway and Azure Load Balancer