Microsoft Azure Developer: Create Azure App Service Web Apps

CREATING AZURE APP SERVICE WEB APPS

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Microsoft® Most Valuable Professional
MVP

What Will Be Covered

Understanding App Service Plans

Isolation with App Service Environments

Creating a Web App in the Portal

Creating a Web App with Azure CLI

Creating a Web App with PowerShell

Creating a Web App with an ARM Template

Exercise Files

Developing Solutions for Microsoft Azure (AZ-204)

https://bit.ly/3mH5QoH

Understanding Azure App Service

Http-based service for hosting web apps

Apps run and scale on Windows and Linux

Security, load balancing, & automation

Costs use are determined by the App Service plan

There are two types of App Service Plans

Non-Isolated & Isolated

Non-Isolated App Service

Azure Active Directory

Internet

Azure DNS

App Service plan

App Service web app

Storage blob

Azure SQL Database

Logical server

Database

Database

Resource group

https://bit.ly/35OpxnO
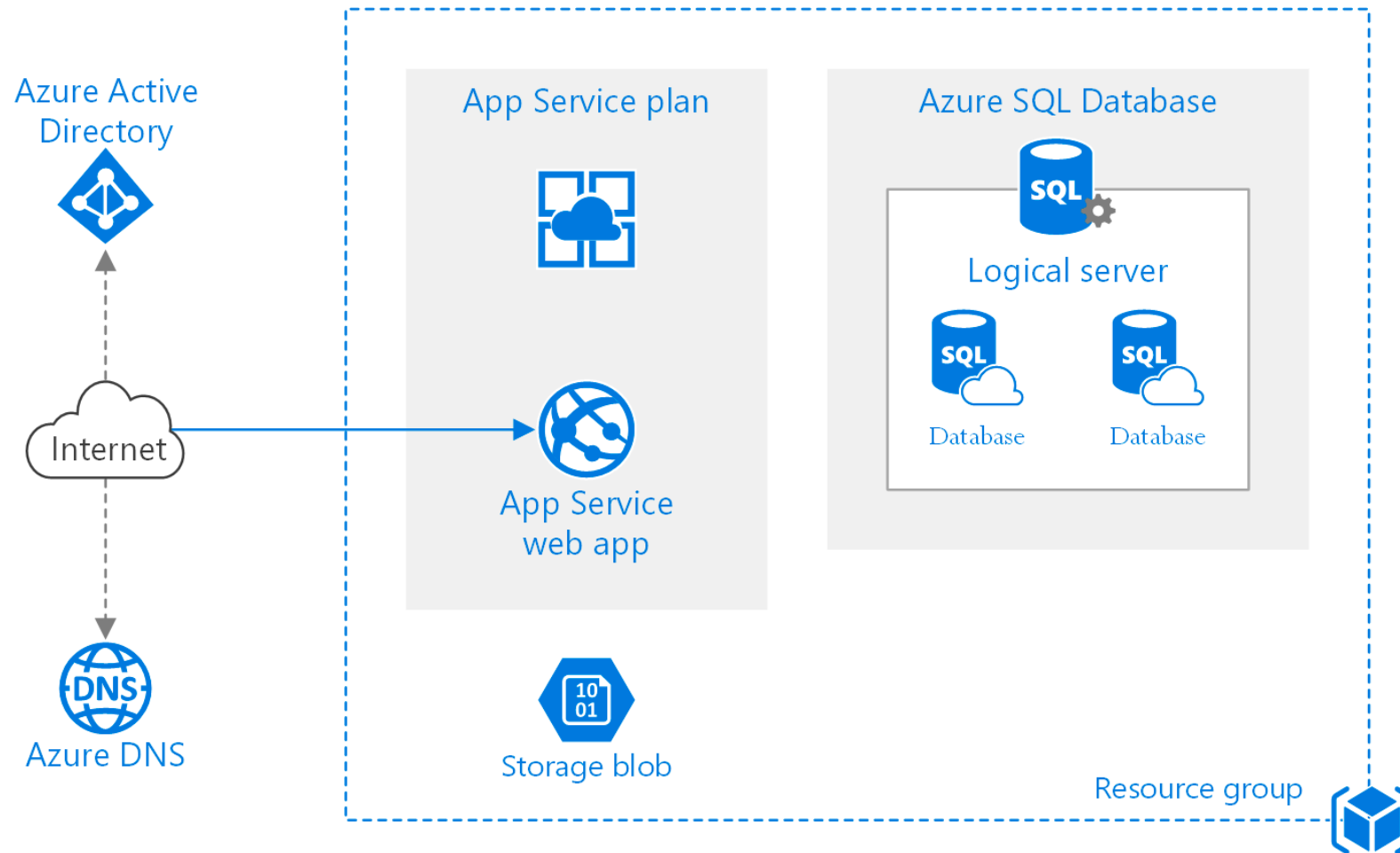
Azure App Service

Non-isolated App Service Plans

- Free and Shared (F1, D1)
- Basic (B1, B2, B3)
- Standard (S1, S2, S3)
- Premium v2 (P1v2, P2v2, P3v2)
- Premium v3 (P1v3, P2v3, P3v3)

Isolation with App Service Environments (ASE)

Fully isolated and dedicated environment for running web apps

High scale, high memory utilization
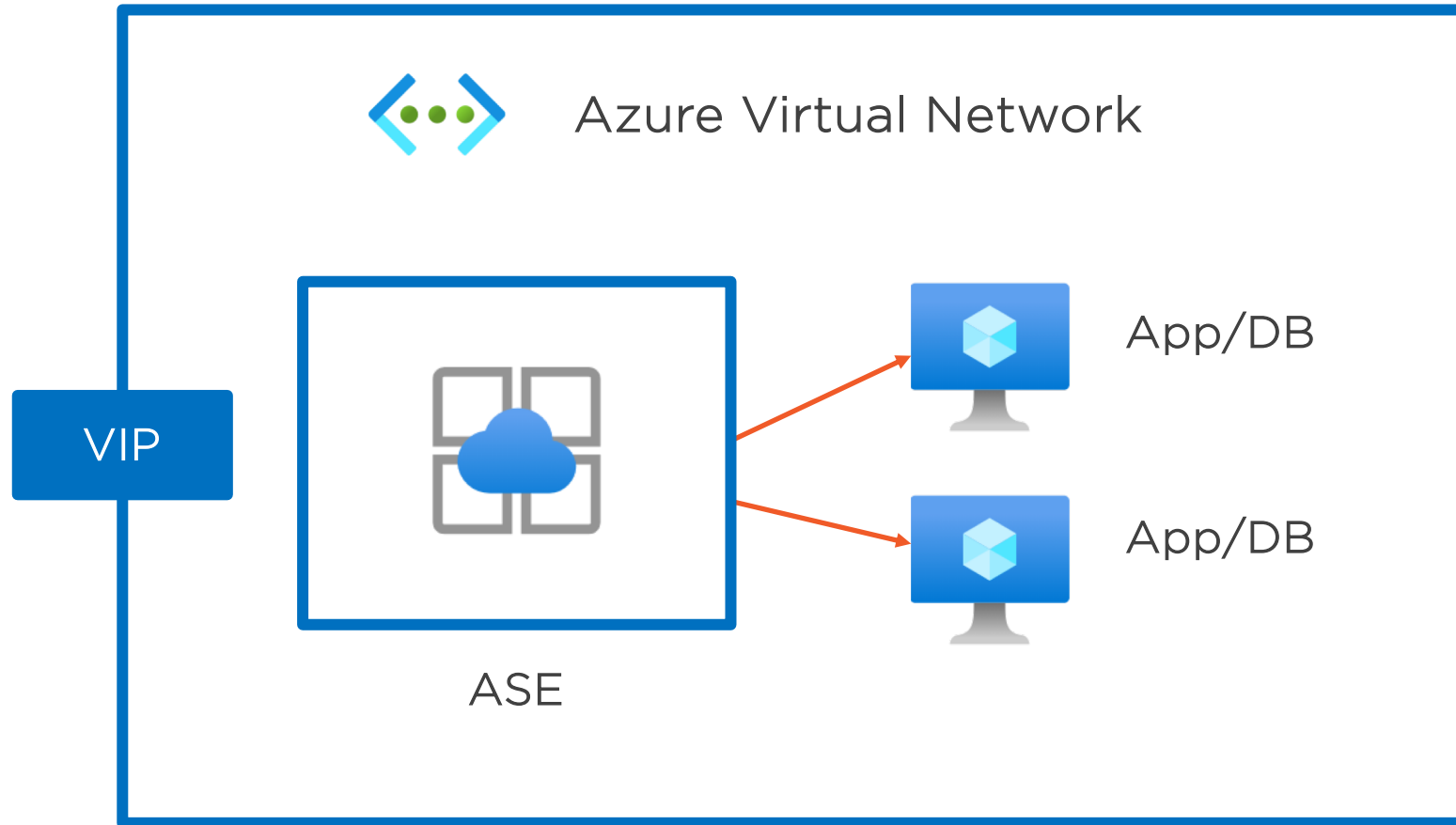
Isolation and secure network access

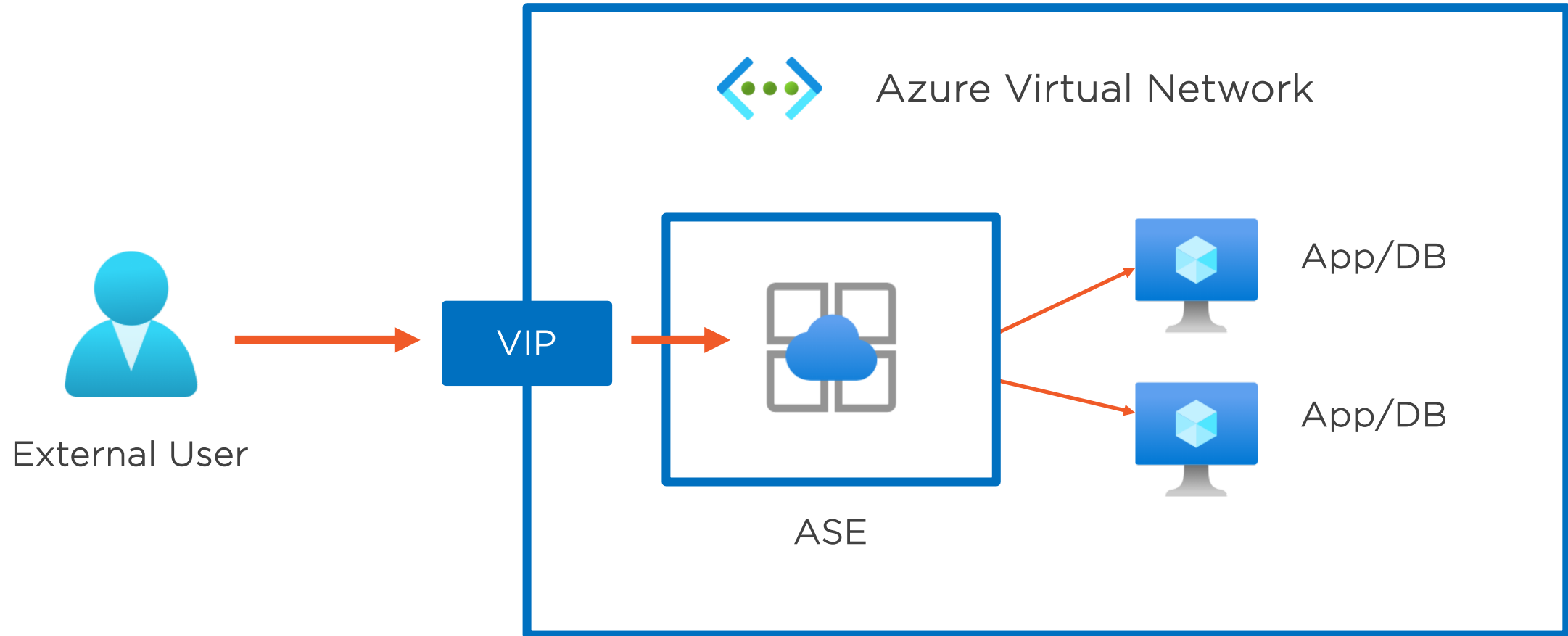**Fine-grained control over network traffic**

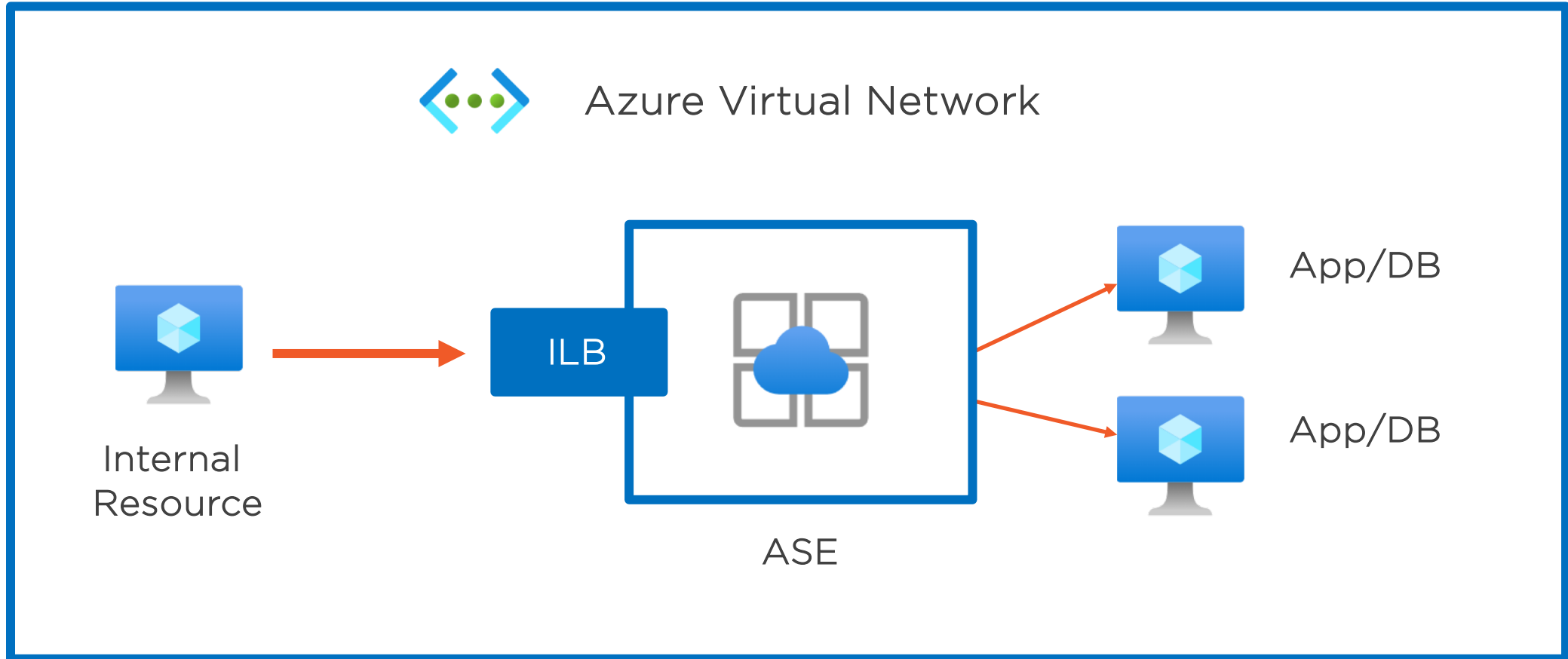**Apps can connect over VPN to on-premises resources**

External App Service Environment (ASE)

External App Service Environment (ASE)

Internal App Service Environment (ASE)

Internal App Service Environment (ASE)

On Premises

VPN / Express Route

Azure Virtual Network

ILB

ASE