

KOENIG SOLUTIONS • COURSE OUTLINE

40515: Microsoft Cloud Workshop: Enterprise-Class Networking in Azure

Learn to design and build enterprise-class networking solutions in Azure, from virtual networks and peering to firewalls and site-to-site connectivity.

2

MODULES

13

TOPICS

COURSE OVERVIEW

This course covers the review of a customer case study, the design of a proof of concept solution, and the presentation of that solution. It then works through a hands-on build, creating virtual networks and provisioning subnets, configuring route tables, and deploying and validating an n-tier application. It also covers building a management station, setting up virtual network peering, provisioning and configuring a partner firewall solution, and controlling traffic flow through firewall rules. Finally, it addresses configuring site-to-site connectivity and validating connectivity from on-premises to Azure.

WHO THIS COURSE IS FOR

Network Engineers

Cloud Architects

Azure Administrators

Solution Architects

Infrastructure Engineers

LEARNING OBJECTIVES

- Review a customer case study for networking requirements
- Design a proof of concept networking solution
- Create virtual networks and provision subnets
- Configure route tables with required routes
- Deploy and validate an n-tier application
- Configure virtual network peering
- Provision and configure a partner firewall solution
- Configure site-to-site connectivity and validate on-premises access

2 Modules, 13 Topics

01

Whiteboard Design Session - Enterprise Class Networking in Azure

LESSONS

Review the customer case study · Design a proof of concept solution · Present the solution

02

Hands-on Lab - Enterprise Class Networking in Azure

LESSONS

- Create a virtual network and provision subnets
- Create second Virtual Network and provision subnets
- Create route tables with required routes
- Deploy n-tier application and validate functionality
- Build the management station
- Virtual Network Peering
- Provision and configure partner firewall solution
- Configure the firewall to control traffic flow
- Configure Site-to-Site connectivity
- Validate connectivity from 'on-premises' to Azure

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

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