

Microsoft Azure Services, Part 2 of 9: Network Services

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Meet the expert: Varma has over 14 years of experience in defining the integrated process, application, data & cloud architectures for both corporate & large scale multi-million business transformation programs and has worked extensively in defining strategy for migration of on-premise applications into AWS & Azure Cloud IaaS, PaaS, SaaS platforms. He is a TOGAF certified enterprise architect, PRINCE2 practitioner, and hold several certifications in SAP and cloud space.

Prerequisites: Basic understanding of Azure and an Azure account. Technical IT experience is not required however some general IT knowledge or experience would be beneficial.

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Course description: The AZ-900 Microsoft Azure Fundamentals Exam is intended for candidates with non-technical backgrounds or who have some involvement with cloud based solutions and services. This course covers an introduction to Azure Network Services as well as security groups, interfaces and VNets.

Course outline:

Intro Azure Network Services

- Introduction
- Introduction to Azure network services architecture
- Azure Virtual Network definition and capabilities
- Demo: Create a virtual network and subnets using
- Summary

Intro Network Security Groups

- Introduction
- Introduction to Network Security groups
- Demo: Create a network security group
- Demo: Create two web servers and deploy
- Summary

Intro Network Interfaces

- Introduction
- Introduction to Network interfaces Route tables a
- Demo: Create a user defined route to route traffic
- Demo: Carry out peering of two virtual networks i
- IP Address configuration
- Demo: IP address configuration using Azure portal
- Summary

Vnets

- Introduction
- VNets
- Introduction to Load Balancer and Traffic manager
- Azure load balancer walkthrough
- Demo: Internet load balancing using Azure load ba
- Introduction to VPN Gateway
- Summary