

## **Microsoft Cloud Workshop: Enterprise-Class Networking in Azure (MS-40515)**

**Modality:** Virtual Classroom

**Duration:** 1 Day

**SATV Value:** 1

**CLC:**

**NATU:**

**SUBSCRIPTION:** Master

### **About this course:**

Set up a virtual network with Subnetworks in Azure, protect virtual networks with firewall route tables and rules and established a "jump box" and site-to-site VPN link for access to the virtual network.

### **Course Objective:**

- Create a "jump box" management system
- Build a Subnet Provision and Virtual Network
- Configure Connectivity from Site to Site
- Build route tables with routes needed
- Setup firewall to manage the flow of traffic

### **Audience:**

This online training program is designed for IT professionals and Cloud Architects who have solutions design and infrastructure architecture experience in cloud technology and want to know more about Azure and its services as defined in the ' At Course Completion ' and ' About this Course ' areas. Anyone taking this training should also be trained in other cloud technologies other than MS, fulfill the preconditions of the program, and want to cross-train on Azure.

### **Course Outline:**

#### **Module 1: Whiteboard Design Session - Enterprise Class Networking in Azure**

##### **?Lessons**

- Review the customer case study
- Design a proof of concept solution

- Present the solution

## **Module 2: Hands-on Lab - Enterprise Class Networking in Azure**

### **Lessons**

- Create a virtual network and provision subnets
- Create route tables with required routes
- Create n-tier application and validate functionality
- Build the management station
- 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