AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network

Category: Cloud Platforms | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Configure secure access to your workloads using Azure Virtual Networking
Related Exam:	AZ-1002

Course Overview

In this learning path, you practice configuring secure access to workloads using Azure networking.

About This Course

In this learning path, you practice configuring secure access to workloads using Azure networking.

Prerequisites & Entry Requirements

General Prerequisites:

The prerequisites for the Microsoft AZ-1002 course, Configure Secure Access to your Workloads using Azure Virtual Networking, include:

- Basic knowledge of virtual networking in cloud environments.
- Familiarity with IP address formats and subnetting.
- Familiarity with Azure services, the Azure portal, and basic networking, DNS, and Azure Firewall concepts

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS, Course ObjectivesCreate and configure Virtual Networks and Vnet Peering Create and configure NSG & ASGCreate and configure Azure Firewall and Policy Create and configure Azure network routing Create and configure Azure DNS

Detailed Course Outline

1 - Configure virtual networks

- Plan virtual networks
- Create subnets
- Create virtual networks
- Plan IP addressing
- Create public IP addressing
- Associate public IP addresses
- Allocate or assign private IP addresses
- Module assessment

2 - Configure Azure Virtual Network peering

- Determine Azure Virtual Network peering uses
- Determine gateway transit and connectivity
- Create virtual network peering
- Extend peering with user-defined routes and service chaining
- Module assessment

3 - Manage and control traffic flow in your Azure deployment with routes

- Identify routing capabilities of an Azure virtual network
- What is an NVA?

4 - Host your domain on Azure DNS

- What is Azure DNS?
- Configure Azure DNS to host your domain
- Dynamically resolve resource name by using alias record

5 - Configure network security groups

- Implement network security groups
- Determine network security group rules
- Determine network security group effective rules
- Create network security group rules
- Implement application security groups
- Module assessment

6 - Introduction to Azure Firewall

- What is Azure Firewall?
- How Azure Firewall works
- When to use Azure Firewall
- When to use Azure Firewall Premium
- Module assessment

7 - Guided Project - Configure secure access to workloads with Azure virtual networking services

- Module assessment

, Create and configure virtual networks, Configure network routing, Create DNS zones and configure DNS settings, Create and configure network security groups, Create and configure Azure Firewall

□□ Certification Path

Microsoft Applied Skills: Configure secure access to your workloads using Azure Virtual Networking

Exam: AZ-1002

Upcoming Schedule

Available training dates for AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network:

Start Date	End Date	Location	Delivery	Price
20 Nov 2026	20 Nov 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network course helps prepare you for the Microsoft Applied Skills: Configure secure access to your workloads using Azure Virtual Networking certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AZ-1002 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network?

Yes, we provide corporate training, dedicated training, and closed classes for AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: AZ-1002: Configure secure access to your workloads using networking with Azure Virtual Network, Microsoft, vILT, AZ-1002

Q: Why choose Nexus Human for AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AZ-1002 Configure secure access to your workloads using networking with Azure Virtual Network training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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