

Exam Alert - Configure and Manage Azure Virtual Networking

AZURE NETWORKING "NEED TO KNOW" INFORMATION



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Overview

















Which topics you definitely should understand

Which topics you can safely ignore

How to develop your skills



Exercise Files



What do you want to learn?

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Troubleshooting with Microsoft Azure Network Watcher

by Tim Warner

Microsoft now gives you packet-level access to your Windows Server and Linux virtual machines (VMs) running in Azure. You'll learn how to use Network Watcher to troubleshoot network security groups (NSGs), perform packet captures, and much more.

[Resume Course](#) [Bookmark](#) [Add to Channel](#)

Table of contents

Description

Transcript

Exercise files

Discussion


Learning Check

Recommended

These exercise files are intended to provide you with the assets you need to create a video-based hands-on experience. With the exercise files, you can follow along with the author and re-create the same solution on your computer. We find this to be even more effective than written lab exercises.

[Download exercise files](#)

Course author

**Tim Warner**

Timothy Warner is a Microsoft Most Valuable Professional (MVP) in Cloud and Datacenter Management who is based in Nashville, TN.

Course info

Level	Intermediate
Rating	★★★★★
My rating	★★★★★
Duration	2h 12m
Released	31 Oct 2017

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Exercise Files

The screenshot displays a Windows desktop environment with three overlapping windows:

- File Explorer (Left):** Shows the 'Downloads' folder. A list of folders is visible, with '02' selected. The status bar at the bottom indicates '0 / 5 object(s) selected'.
- Text Editor (Center):** A Notepad window titled 'microsoft-azure-ad-privileged-identity-management-configuring-m4-links.txt'. It contains a list of 22 numbered items, each consisting of a title and a URL. The status bar at the bottom shows 'Spaces: 4 UTF-8 CRLF Plain Text'.
- File Download Window (Right):** A small window showing a file named '02\demos\' with a size of 1,298 bytes and a package size of 359 bytes.

The text editor content is as follows:

```
1 Module 4: Organize and Perform Azure AD PIM Access Reviews
2
3 Microsoft Azure
4 https://azure.microsoft.com/en-us/
5
6 Azure Documentation
7 https://docs.microsoft.com/en-us/azure/
8
9 Azure AD Privileged Identity Management (PIM) documentation | Microsoft Docs
10 https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/
11
12 Identity Governance - Azure Active Directory | Microsoft Docs
13 https://docs.microsoft.com/en-us/azure/active-directory/governance/identity-governance-overview
14
15 Create an access review of Azure resource roles in PIM - Azure Active Directory | Microsoft Docs
16 https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-resource-roles-start-access-review
17
18 Review access to Azure AD roles in PIM - Azure Active Directory | Microsoft Docs
19 https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-how-to-perform-security-review
20
21 View audit history for Azure AD roles in PIM - Azure Active Directory | Microsoft Docs
22 https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-how-to-use-audit-log
```



Which Topics You Should Definitely Understand



Every Skill on the AZ-104 OD

Functional
group

Objective

Skill

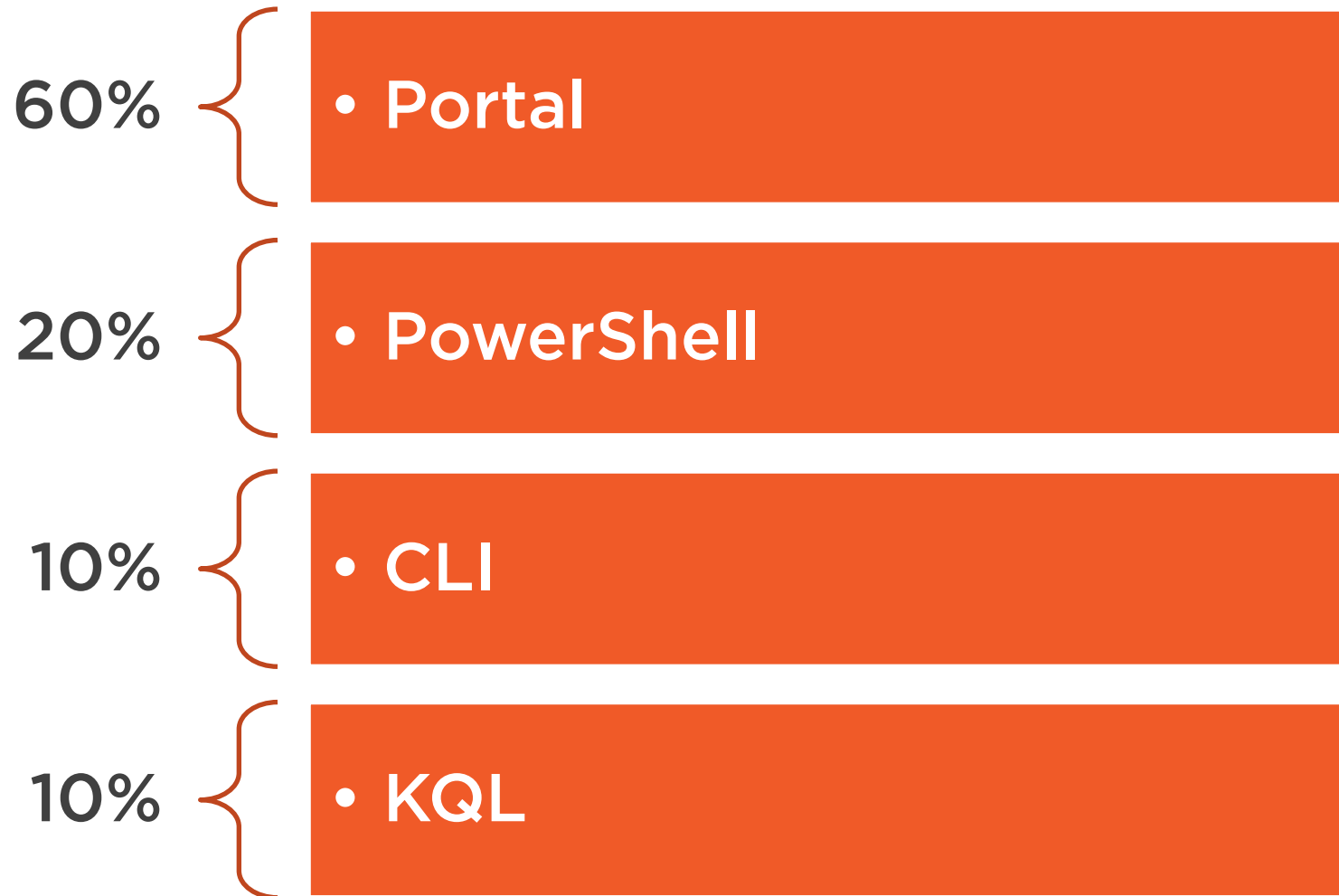
Configure and manage virtual networking (30-35%)

Implement and manage virtual networking

- create and configure VNET peering
- configure private and public IP addresses, network routes, network interface, subnets, and virtual network



Do I Have to Know PowerShell?



Demo



1

Show my AZ-104 content spreadsheet



Which Topics You Can Safely Ignore



Public Preview Features

Exam AZ-104: Microsoft Azure Administrator – Skills Measured

Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

EXCEPTION



Welcome to Azure Blueprints **PREVIEW**

Blueprints enable quick creation of governed subscriptions. This allows Cloud Architects to design environments that comply with organizational standards and best practices – enabling your app teams to get to production faster.

[Blueprints Overview](#)

[Create a blueprint in the Azure Portal](#)

[Create a blueprint with the REST API](#)



"NOT" Statements

Application
Security Group

Configure load balancing

- configure Application Gateway
- configure an internal load balancer
- configure load balancing rules
- configure a public load balancer
- troubleshoot load balancing
- NOT: Traffic Manager and FrontDoor and PrivateLink

Traffic Manager

Front Door

Network
Monitoring



```
$PublicIP_v6 = New-AzPublicIpAddress `
    -Name "dsPublicIP_v6" `
    -ResourceGroupName $rg.ResourceGroupName `
    -Location $rg.Location `
    -AllocationMethod Static `
    -IpAddressVersion IPv6 `
    -Sku Standard
```

Internet Protocol Version 6

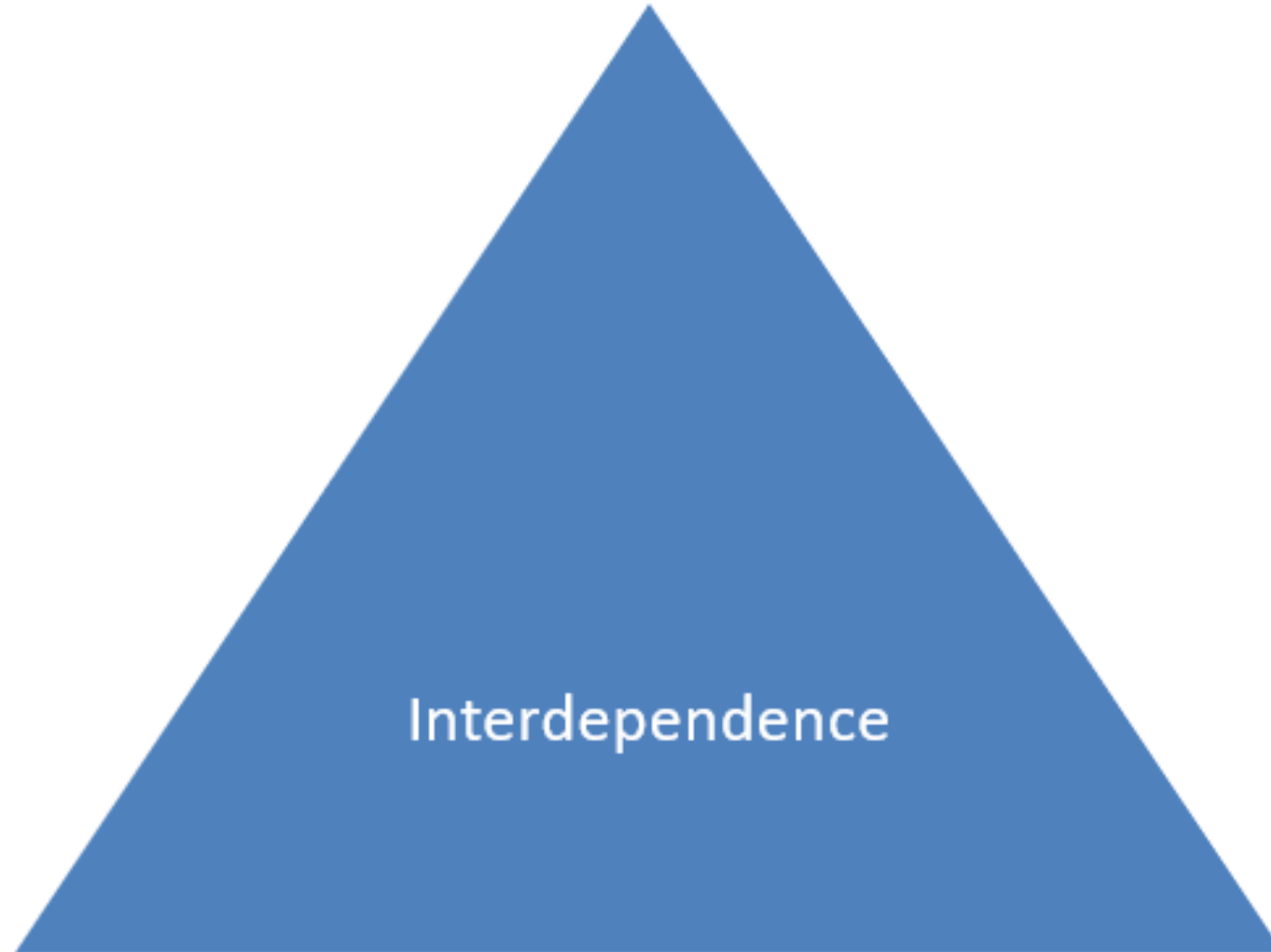
IPv6



How To Develop Your Skills



Tim's IT Certification Study Model



Content Knowledge



Pluralsight Role IQ & Skill IQ

Microsoft Azure documentation

- PDF export
- Print books have a tough time keeping up



Practical Application



Hands-on skills

Azure Free Account

Credit-based offers

- Azure Pass
- Visual Studio

Microsoft Learn

Pluralsight Labs

Test-Taking Skills



Pluralsight / Kaplan IT partnership

Whizlabs.com

YouTube

- Microsoft Learning
- Tim Warner

Microsoft Online Testing

- <https://timw.info/mot>

Demo



2

Mention our cloud labs

- Show MS Learn's sandbox

Mention our practice exams

- Show Whizlabs



Summary



Use the AZ-104 exam page as your “source of truth”

Create a topic mapping spreadsheet and plot it on your calendar

Register for the exam sooner rather than later

Next module: Getting Up to Speed with Networking in General

