

Microsoft Azure Virtual Machines – Getting Started

CONFIGURING NETWORKING, SECURITY, AND STORAGE



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Overview

Networking

- Virtual network
- Subnets, static IP addresses, DNS

Security

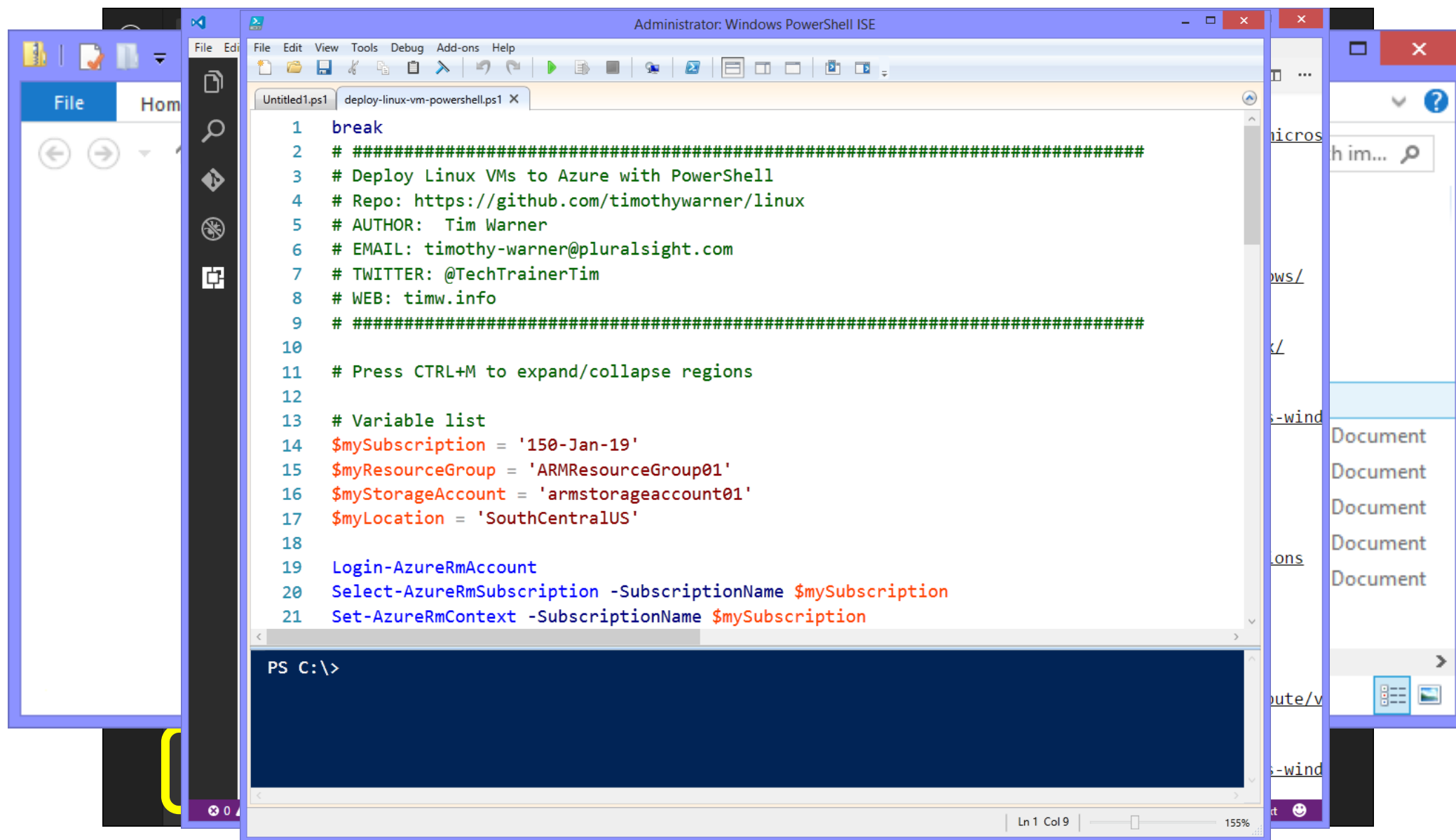
- Secure VM access
- Network Security Group (NSG)

Storage

- Managed disks
- Traditional storage account



Exercise Files

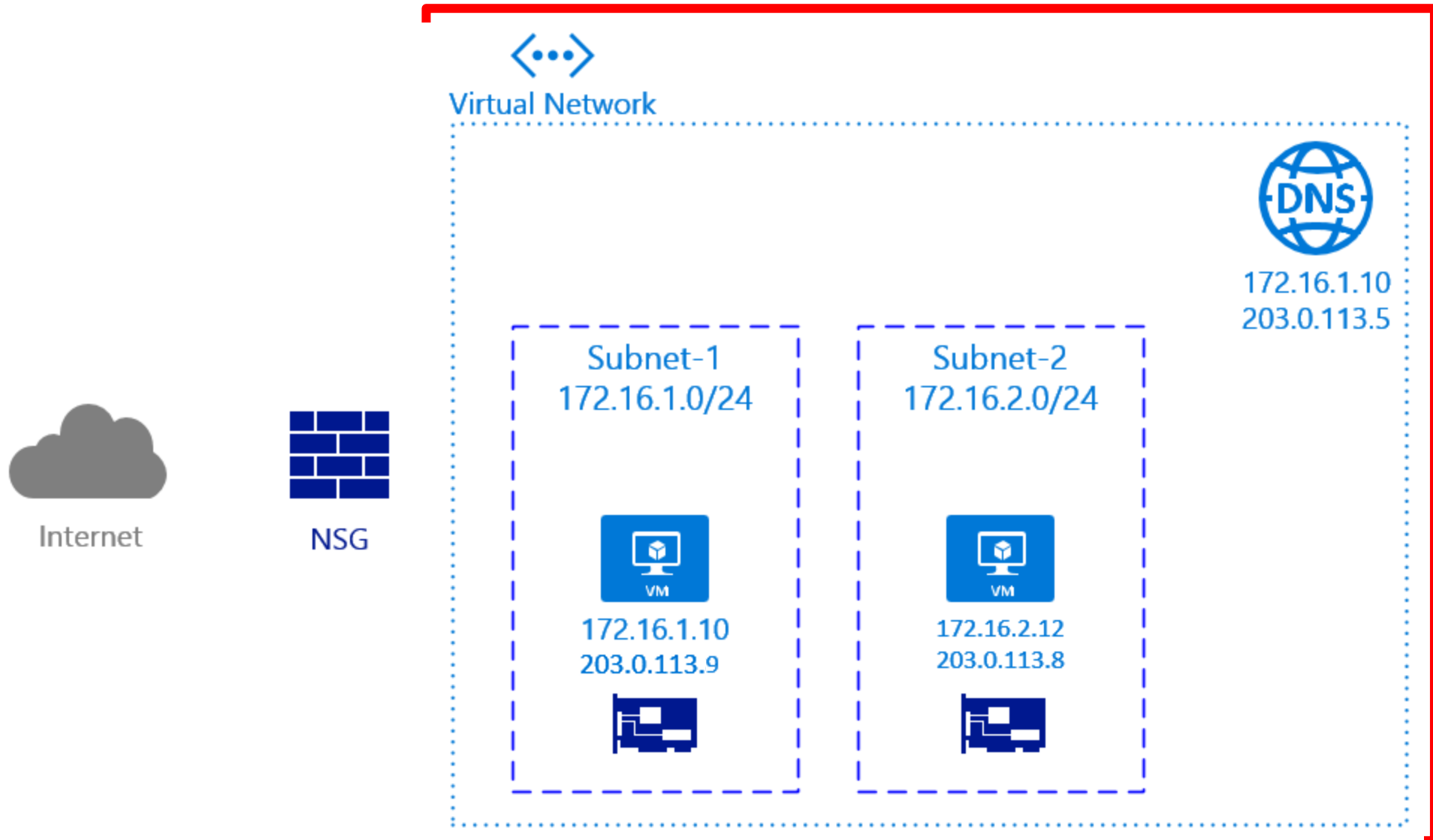


Networking



The Azure Virtual Network in Action

isolated



Demo



1

Deploy a virtual network in portal

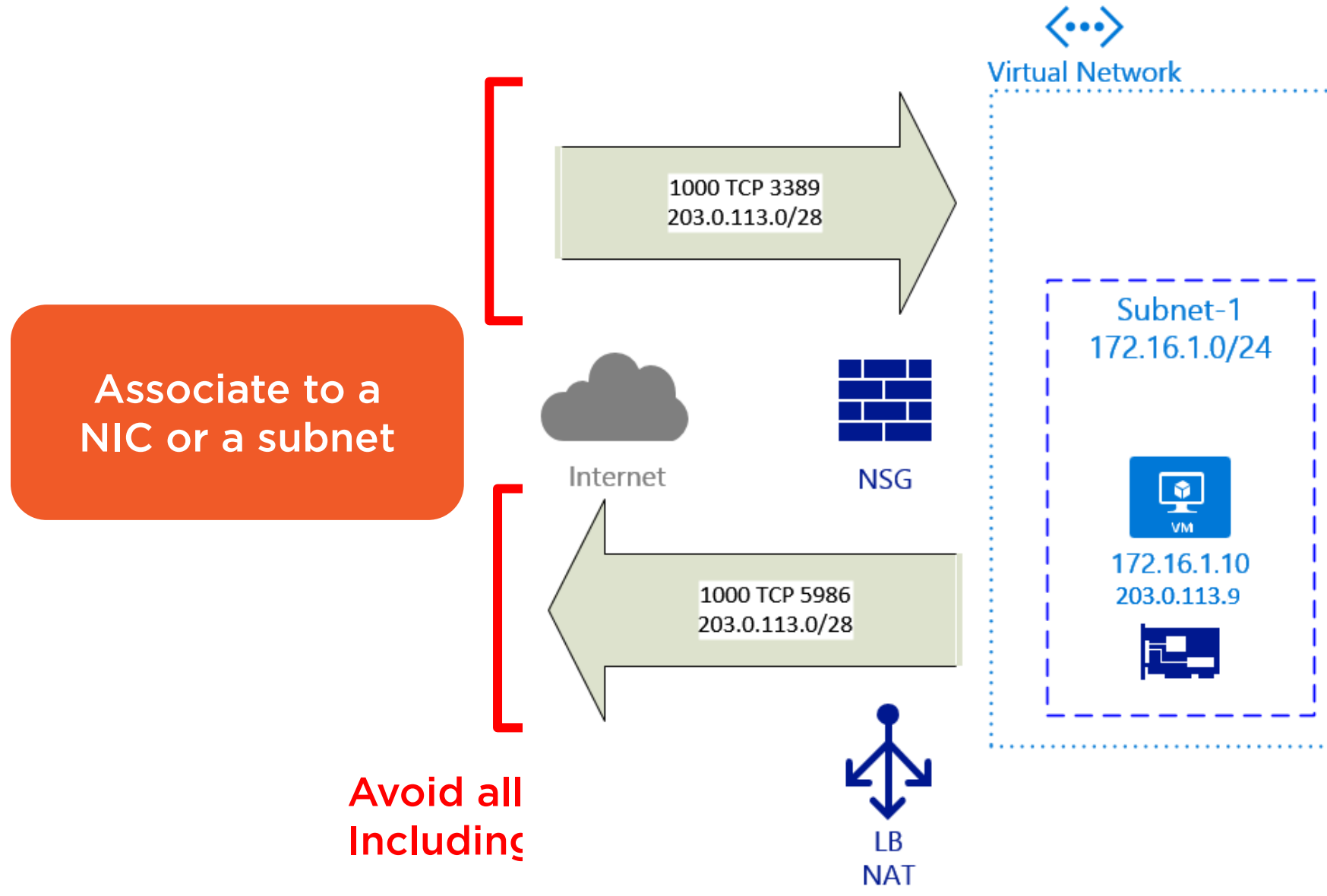
Link an existing VM to a virtual network



Security



The Azure NSG in Action



Demo



2

Create a NSG

Attach to a subnet

Link an existing LINUX VM to an NSG

- Associate with its own NSG



Storage

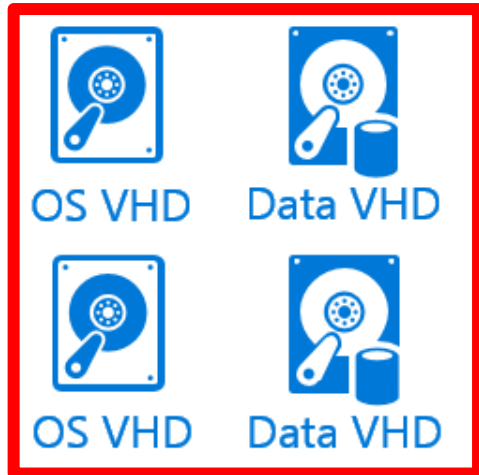


Azure Storage in Action

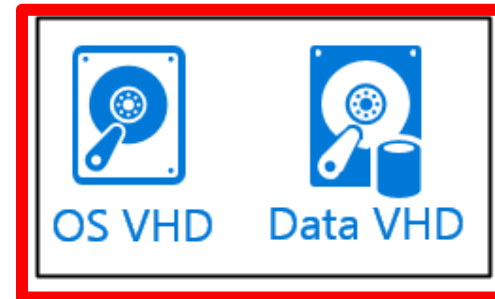
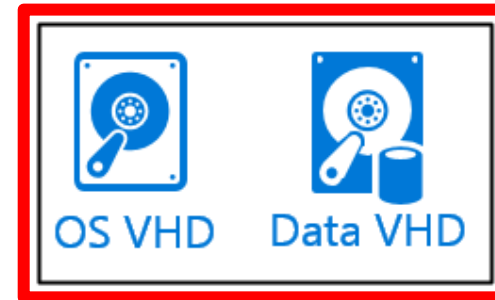
Traditional
storage
account



Bucket o' VHDs



Managed Disk



Demo



3

Create two storage accounts

- Some VMs
- Diagnostics data

Show managed disks for an previously created VM that uses them

- Add a data disk



Summary



Understanding Azure networking, security and storage **dramatically** improves your Microsoft cloud skills

Invest study time here to maximize your **[architecture | operations | development]** contributions

Next module: Deploying a Highly Available Virtual Machine

