Implementing Docker for Windows Containers in Windows Server 2019

INTRODUCTION

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Introduction

What This Course Covers

Introduce Windows Containers

Prepare Docker for Windows Desktop and Windows Server 2019

Manage Containers and Container Images

Configure Container Networking and Data Volumes

Deploy an IIS and SQL Application using Docker Compose

If You're Following Along

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Build DC

Build MYDESKTOP

Build SERVER1

```
New-VMSwitch -SwitchName "192.168.3.0-NATSwitch"
-SwitchType Internal

New-NetIPAddress -IPAddress 192.168.3.2 -PrefixLength 24
-InterfaceAlias "vEthernet (192.168.3.0-NATSwitch)"

New-NetNAT -Name "192.168.3.0-NATNetwork"
-InternalIPInterfaceAddressPrefix 192.168.3.0/24
```

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If You're Following Along

```
Enable-PSRemoting

New-NetFirewallRule -DisplayName "Allow All Traffic"
-Direction Outbound -Action Allow

New-NetFirewallRule -DisplayName "Allow All Traffic"
-Direction Inbound -Action Allow

powercfg /s 8c5e7fda-e8bf-4a96-9a85-a6e23a8c635c
```

If You're Following Along

Shout-outs