1. You have a server named Server 1 that runs Windows Server 2016 and has the Hyper-V server role installed.

On Server1, you plan to create a virtual machine named VM1.

You need to ensure that you can start VM1 from the network.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

A. Create a generation 2 virtual machine.

B. Create a generation 1 virtual machine and run the Enable-NetAdapterPackageDirect cmdlet.

C. Create a generation 1 virtual machine that has a legacy network adapter.

D. Create a generation 1 virtual machine and configure a single root I/O virtualization (SRV-IO) interface for the network adapter.

2. You have a Hyper-V host named Server1 that runs Windows Server 2016.

Server1 has a dynamically expanding virtual hard disk (VHD) file that is 900 GB The VHD contains 400 GB of free space.

You need to reduce the amount of disk space used by the VHD.

What should you run?

A. the Mount-VHD cmdlet

B. the Diskpart command

C. the Set-VHD cmdlet

D. the Set-VM cmdlet

E. the Set-VMHost cmdlet

F. the Set-VMProcessor cmdlet

G. the Install-WindowsFeature cmdlet

H. the Optimize-VHD cmdlet

3. You have a Nano Server named Nano1.

Which cmdlet should you use to identify whether the DNS Server role is installed on Nano1?

A. Find-NanoServerPackage

B. Get-Package

C. Find-Package

D. Get-WindowsOptionalFeature

4. You have a server named Server1 that runs Windows Server 2016.

You need to configure Server1 as a multitenant RAS Gateway.

What should you install on Server1?

A. the Network Policy and Access Services server role

B. the Remote Access server rote

C. the Data Center Bridging feature

D. the Network Controller server role

5. Your network contains a Hyper-V host named Server1 that runs Windows Server 2012 R2. Server1 hosts a virtual machine named VM1 that runs Windows Server 2012 R2. You take a snapshot of VM1, and then you install an application on VM1. You verify that the application runs properly. You need to ensure that the current state of VM1 is contained in a single virtual hard disk file. The solution must minimize the amount of downtime on VM1. What should you do?

|  |  |
| --- | --- |
| A. | From Hyper-V Manager, delete the snapshot. |
| B. | From a command prompt, run dism.exe and specify the /commit-image parameter. |
| C. | From a command prompt, run dism.exe and specify the /delete-image parameter. |
| D. | From Hyper-V Manager, inspect the virtual hard disk. |

6. Your network contains an Active Directory domain named adatum.com. The domain contains a server named Server1 that runs Windows Server 2016.

On a server named Corel, you perform a Server Core Installation of Windows Server 2016.You join Corel to the adatum.com domain.

You need to ensure that you can use Event Viewer on Server1 to view the event logs on Corel.

What should you do on Corel?

|  |  |
| --- | --- |
| A. | Run the Enable-NetFirewallRulecmdlet. |
| B. | Run the Disable-NetFirewallRulecmdlet. |
| C. | Install Windows Management Framework. |
| D. | Install Remote Server Administration Tools (RSAT). |

7. Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1.Server1 runs Windows Server 2016.

You need to create a 3-TB virtual hard disk (VHD) on Server1.

Which tool should you use?

|  |  |
| --- | --- |
| A. | New-StoragePool |
| B. | Diskpart |
| C. | File Server Resource Manager (FSRM) |
| D. | New-StorageSubsytemVirtualDisk |

8. You perform a Server Core Installation of Windows Server on a server named Server1.

You need to add a graphical user interface (GUI) to Server1.

Which tool should you use?

|  |  |
| --- | --- |
| A. | The Install-WindowsFeaturecmdlet |
| B. | The Install-Module cmdlet |
| C. | The Install-RoleServicecmdlet |
| D. | The setup.exe command |

9. A company’s server administration team would like to take advantage of the newest file systems available with Windows Server. The team needs a file system capable of managing extremely large data drives that can auto-detect data corruption and automatically perform needed repairs without taking a volume offline.

Which file system should the server administration team choose?

|  |  |
| --- | --- |
| A. | NFS |
| B. | DFS |
| C. | NTFS |
| D. | ReFS |

10. A company’s server security team needs a solution that will prevent users from installing and using unauthorized applications on their Windows 10 desktop computers. Which technology should the team choose?

|  |  |
| --- | --- |
| A. | Starter GPOs |
| B. | Group Policy Objects |
| C. | Software Restriction Policies |
| D. | AppLocker |

11. Your network contains an Active Directory domain named contoso.com. Domain controllers run either Windows Server 2008, Windows Server 2008 R2, or Windows Server 2012, 2016. You have a Password Settings object (PSOs) named PSO1. You need to view the settings of PSO1. Which tool should you use?

A. Group Policy Management

B. Server Manager

C. Get-ADAccountResultantPasswordReplicationPolicy

D. Active Directory Administrative Center

12. What tool can you use to determine which cmdlets are contained in a Windows

PowerShell module?

**A**. Get-Command

**B**. Get-help

**C**. -?

**D**. -help

13. How many computers can you host in an IPv4 network whose address is 172.16.0.0/22?

A. 512

B. 1024

C. 510

D. 1022

14. After the address of a remote computer is updated, you notice that a local DNS server

is resolving the name of the computer incorrectly from cached information. How can

you best solve this problem?

**A**. At the DNS server, type the command **dnscmd /clearcache**.

**B**. Restart the DNS Client service on the client computer.

**C**. At the client computer, type **ipconfig /flushdns**.

**D**. Restart all DNS client computers.

15. Which of the following address types is best suited for a DNS server?

**A**. DHCP-assigned address

**B.** APIPA address

**C**. Alternate configuration address

**D**. Manual address