**Exam Ref 70-740 Installation, Storage, and Compute with Windows Server 2016**

**First Edition**

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Corrections, January 19, 2018, 7th printing

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| Pg | Error | Correction |
| 3 | 4th bullet under “Minimum hardware requirements”  Network adapter: Ethernet, with gigabit throughout | Change to:  Network adapter: Ethernet, with gigabit throughput |
| 19 | Heading: Configuring Server Core above bulleted list at bottom. |  |
| 32 | 1st bulleted item “Between versions”  You can migrate data from any Windows Server version since Windows Server 2003 SP2 to Windows Server 2016. This includes migrations from one server running Windows Server 2016 to another. | Change to:  You can migrate data from any Windows Server version since Windows Server 2008 to Windows Server 2016. This includes migrations from one server running Windows Server 2016 to another. |
| 86 | 3rd paragraph from top  The GPT disk partitioning style supports volumes up to 18 exabytes (1 exabyte = 1 billion gigabytes, or  260 bytes). | Change to:  The GPT disk partitioning style supports volumes up to 18 exabytes (1 exabyte = 1 billion gigabytes, or 260 bytes). |
| 94 | Paragraph starting with *“ReFS (Resilient File System)”*  The maximum ReFS volume size is 280 bytes, or 1 yobibyte | Change to:  The maximum ReFS volume size is 280  bytes, or 1 yobibyte. |
| 134 | Last line of page (code line):  install-windowsfeature -name fs-iscsitarget-server -installmanagementtools | Change to:  install-windowsfeature -name fs-iscsitarget-server -includemanagementtools |
| 143 | Bottom, sentence above single code line:  To set the DCBX Willing bit to false, you use the Set-NetQoSbcdxSetting cmdlet, as in the following example: | Change to:  To set the DCBX Willing bit to false, you use the Set-NetQoSdcbxSetting cmdlet, as in the following example: |
| 144 | Subheading “Create QoS Policies,” second to last bulleted item  **IpDstMatchCondition** Filters traffic based on a specific destination port number | Change to:  **IPDstPortMatchCondition** Filters traffic based on a specific destination port number |
| 153 | 1st paragraph  Then, the cmdlet runs performance tests for a time interval that you specify in the command line. The ideal way to run this test is while the source server is running under its usual workload. The test proceeds to measure the synchronization performance between the source and the destination, to determine if the throughout is sufficient for synchronous replication, and presents the results in a chart, as shown in Figure 2-57. | Change to:  Then, the cmdlet runs performance tests for a time interval that you specify in the command line. The ideal way to run this test is while the source server is running under its usual workload. The test proceeds to measure the synchronization performance between the source and the destination, to determine if the throughput is sufficient for synchronous replication, and presents the results in a chart, as shown in Figure 2-57. |
| 169 | Text in 2nd bullet  Hardware-enforced Data Execution Prevention (DEP), which Intel describes as eXecute Disable (XD) and AMD describes as No eXecute (NS). CPUs use this technology to segregate areas of memory for either storage of processor instructions or for storage of data. Specifically, you must enable Intel XD bit (execute disable bit) or AMD NX bit (no execute bit). | Change to:  Hardware-enforced Data Execution Prevention (DEP), which Intel describes as eXecute Disable (XD) and AMD describes as No eXecute (NX). CPUs use this technology to segregate areas of memory for either storage of processor instructions or for storage of data. Specifically, you must enable Intel XD bit (execute disable bit) or AMD NX bit (no execute bit). |
| 173 | 2nd paragraph under heading, “Upgrade from existing versions of Hyper-V”  The first step in upgrading a host server to Windows Server 2016 is to get the virtual machines off the host, for their own protection. You can do this in two ways: | Change to:  The first step in upgrading a host server to Windows Server 2016 is to get the virtual machines off the host, for their own protection. You can do this in three ways: |
| 210 | Line of code under Figure 3-34  export-vm -name server1 -path c\export | Change to:  export-vm -name server1 -path c:\export |
| 228 | Last code line above subheading, “Manage checkpoints”  merge-vhd -path c:\disks\child.vhdx -destionationpath c:\disks\parent.vhdx | Change to:  merge-vhd -path c:\disks\child.vhdx -destinationpath c:\disks\parent.vhdx |
| 261 | Last sentence, 1st paragraph under “Install and Configure….” Heading  Windows Server Containers operate user mode and share everything with the host computer, including the operating system kernel and the system memory. | first para in Install and Configure section - sentence should read:  Windows Server Containers operate in user mode and share everything with the host computer, including the operating system kernel and the system memory. |
| 263 | Text in 2nd bullet:  Hardware-enforced Data Execution Prevention (DEP), which Intel describes as eXecuted Disable (XD) and AMD describes as No eXecute (NS). CPUs use this technology to segregate areas of memory for either storage of processor instructions or for storage of data. Specifically, you must enable Intel XD bit (execute disable bit) or AMD NX bit (no execute bit). | Change to:  Hardware-enforced Data Execution Prevention (DEP), which Intel describes as eXecuted Disable (XD) and AMD describes as No eXecute (NX). CPUs use this technology to segregate areas of memory for either storage of processor instructions or for storage of data. Specifically, you must enable Intel XD bit (execute disable bit) or AMD NX bit (no execute bit). |
| 267 | Step 2 under “Installing Docker on Nano Server  To enable the Dockerd engine to accept client traffic over the network, you must create a text file called daemon.json in the C:\ProgramData\Docker directory on the Nano Server that contains the following line: | Change to:  To enable the Dockerd engine to accept client traffic over the network, you must create a text file called daemon.json in the C:\ProgramData\Docker\config directory on the Nano Server that contains the following line: |
| 287 | 2nd sentence under heading, “Manage resource control”  For example, you have seen how the it switches create an interactive container that runs a specific shell or other command. | Change to:  For example, you have seen how the -it switches create an interactive container that runs a specific shell or other command. |
| 306 | 3rd line of code from the top of page  Set-VMHost -VirtualMachineMigrationAuthenticatiuonType Kerberos | Change to:  Set-VMHost -VirtualMachineMigrationAuthenticationType Kerberos |
| 340 | Last line of code at bottom of page  -continuouslyavailable set-smbpathacl –sharename share1 | Change to:  -continuouslyavailable  set-smbpathacl –sharename share1 |
| 344 | Step 10.  On the Specify The Size Of TThe Virtual Disk page, type a size in MB, GB, or TB, or select the Maximum Size checkbox. | Change to:  On the Specify The Size Of The Virtual Disk page, type a size in MB, GB, or TB, or select the Maximum Size checkbox. |
| 354 | Subheading, “Enable Storage Spaces direct using Windows PowerShell,” 3rd paragraph  The storage will be added when you enable Stoage Spaces Direct. | Change to:  The storage will be added when you enable Storage Spaces Direct. |
| 354 | section heading  Enable Storage Spaces direct using Windows PowerShell | Change to:  Enable Storage Spaces Direct using Windows PowerShell |
| 360 | Last sentence of 1st paragraph under “Continuously available share settings”  Both roles enable you to create shares that are continuously available through the use the SMB 3.0 protocol. | Change to:  Both roles enable you to create shares that are continuously available through the use of the SMB 3.0 protocol. |
| 368 | Last bulleted item above “Skill 5.5: Manage VM movement in clustered nodes”  3 High. Migrates VMs when the host is more than 60 perecnt loaded. | Change to:  High. Migrates VMs when the host is more than 60 percent loaded. |
| 373 | 4th paragraph from the top:  To import the virtual machine into the Hyper-V host, copy the files to the host’s default folders and generating a new security identifier (SID) for the VM. , To prevent conflicts, use a command like the following: | Change to:  To import the virtual machine into the Hyper-V host, copy the files to the host’s default folders and generate a new security identifier (SID) for the VM. To prevent conflicts, use a command like the following: |
| 388 | 3rd bullet on page (Compliance bullet):  The default Windows Update configuration provides no means for administrators to confirm that the client has successfully installed all the required updates successfully, except to examine the Update History on each computer individually. | Change to:  The default Windows Update configuration provides no means for administrators to confirm that the client has installed all the required updates successfully, except to examine the Update History on each computer individually. |
| 393 | Last line on page (a code line):  wsusutil.exe postinstall sql\_instance\_name="db1\sqlinstance1⮽‑ content\_dir=d:\wsus | Change to:  wsusutil.exe postinstall sql\_instance\_name="db1\sqlinstance1"‑ content\_dir=d:\wsus |
| 393 | First sentence, 2nd paragraph under heading “Deploying WSUS”  WSUS is a just local version of a Microsoft Update server, so it needs a web server to which clients can connect. | Change to:  WSUS is just a local version of a Microsoft Update server, so it needs a web server to which clients can connect. |
| 396 | Step 7 (no content) | Delete “7.” |

**Correction for February 24, 2017**

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| Pg | Error – First Printing | Correction |
| 5 | Bottom, in NOTE UNDERSTANDING OSES  Microsoft now uses the term operating system environment (OSE) to refer to the Windows instances running on a computer. An OSE can be physical or virtual. For example, a server running one virtual machine in Hyper-V would be using two OSEs because the physical server installation counts for one. The Standard edition license therefore enables you to run one virtual machine in Hyper-V. | Change to  Microsoft now uses the term operating system environment (OSE) to refer to the Windows instances running on a computer. An OSE can be physical or virtual. For example, a server running one virtual machine in Hyper-V would be using two OSEs because the physical server installation counts for one. |
| 10 | Top of page, last line in the 'format' section.  "You do not need to format any new partitions you create for the install, but you might want to format an existing partition to eliminate unwanted files before installing Windows Server 2012 R2 on it." | Change to:  “You do not need to format any new partitions you create for the install, but you might want to format an existing partition to eliminate unwanted files before installing Windows Server 2016 on it." |
| 25 | 2nd paragraph from bottom  For example, you can use the Event Viewer console on a full GUI Windows installation to connect a computer running Server Core and view its logs. | For example, you can use the Event Viewer console on a Desktop Experience Windows installation to connect a computer running Server Core and view its logs. |
| 94 | Bottom  ReFS disks also cannot be read by any operating systems older than Windows Server 2012 R2 and Windows 8 | Change to:  ReFS disks also cannot be read by any operating systems older than Windows Server 2012 and Windows 8.1. |

This errata sheet is intended to provide updated technical information. Spelling and grammar misprints are updated during the reprint process, but are not listed on this errata sheet.