Exam Ref 70-410: Installing and Configuring Windows Server 2012

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To ensure the ongoing accuracy of this book and its companion content, we've reviewed and confirmed the errors listed below. If you find a new error, we hope you'll report it to us on our website: www.microsoftpressstore.com/contact-us/errata.

Page	Location	Description	Date corrected
64, 69-70	Question 3	Question 3 on page 64 and the corresponding answer on pages 69-70 should be deleted.	1/18/2013
3	Second paragraph, Second bulleted item	Should read: Windows Server 2012 Standard The Standard edition includes the full set of Windows Server 2012 features and differs from the Datacenter edition only in the number of virtual machine (VM) instances permitted by the license.	3/15/2013
4	Note reader aid at bottom of page	Should read: The limitations specified in Table 1-1 are those of the license, not the software. You can, for example, create more than two VMs on a copy of Windows Server 2012 Standard, but you must purchase additional licenses to do so.	1/18/2013
5	Penultimate paragraph	Reads: In practice, you are unlikely to come across a computer with 32 GB of RAM and only 32 GB of disk space. Should read: In practice, you are unlikely to come across a computer with 512 MB of RAM and only 32 GB of disk space.	
6	Table 1-3, number of failover cluster nodes	Reads: 63 Should read: 64	1/18/2013
8	"Server Core Capabilities" section, penultimate paragraph, third line	Reads: 13 of the 19 Should read: 12 of the 19	3/15/2013
9	Table 1-4, Roles Available in Server Core Installation column	The following should be removed from this column: Remote Desktop Services Remote Desktop Connection Broker Remote Desktop Desktop Licensing Remote Desktop Virtualization Host	1/18/2013

Page	Location	Description	Date corrected
12	Upgrade Paths, fourth bulleted item	The following bulleted item should be deleted: Cross-edition upgrades, such as Windows Server 2008 Enterprise Edition to Windows Server 2012 Datacenter edition	1/18/2013
14	Second bulleted item	Should read: Disconnect the UPS device. If you have an uninterruptible power supply (UPS) connected to your target computer, disconnect the data cable before performing the upgrade. Setup automatically attempts to detect connected devices, and UPS equipment can cause issues with this process.	3/15/2013
17	"Objective review" section, question 1	The question discusses content that is not discussed in the previous sections of the book. Due to this, the question was deleted for the R2 edition.	9/27/2013
19	Figure 1-4	Reads: VMWare Should read: HyperV	9/27/2013
21	Second line	Should read: Set-NetFirewallRule -DisplayGroup "Remote Desktop" -Enabled True	3/15/2013
21	Second line	The following lines should be deleted: To enable Remote Desktop connections on the server, use the following cmdlet: Set-NetFirewallRule -DisplayGroup "Remote Desktop" -Enabled True	5/24/2013
26	First paragraph	The following clause should be deleted from the first paragraph: ...and even to multiple servers or groups of servers at once.	1/18/2013
37	Third paragraph	Should read: After selecting a server from the Servers pane in any group home page, click the Tools menu to display a list of the utilities and MMC snap-ins, including the Services snap-in. To manage a remote server with an MMC snap-in, you must manually connect it.	5/24/2013
47	Third paragraph	Should read: You can convert a disk from one partition style to another at any time using Disk Management by right-clicking the disk you need to convert and then, from the shortcut menu, selecting Convert To GPT Disk or Convert To MBR Disk.	3/15/2013
52	Bulleted list	The Evict Disk bulleted item should be deleted from the list.	9/27/2013
52	new-storagepool cmdlet example	Reads: <disk names> Should read: <CIM instances>	9/27/2013
64	Question 4	Should read: Which of the following volume types supported by Windows Server 2012 provide fault tolerance?	1/18/2013

Page	Location	Description	Date corrected
65	Objective Review, question 5	The correct answers should be A and C. Answer B should read: B. Incorrect: The inclusion of additional cmdlets in Windows PowerShell 3.0 is not a benefit exclusive to Server Core.	3/15/2013
67	Objective 1.2: Thought experiment, question 3 answers	Answer to question 3 should read: Install-WindowsFeature FS-FileServer Install-WindowsFeature FS-DFS-Namespace Install-WindowsFeature FS-DFS-Replication Install-WindowsFeature FS-NFS-Service Install-WindowsFeature Print-InternetServices –allsubfeatures Install-WindowsFeature Web-Server Install-WindowsFeature Web-Windows-Auth Install-WindowsFeature Web-Ftp-Service The Install-WindowsFeature FS-Fileserver command is not necessary, as it installs as dependency for DFS. The Install-WindowsFeature Web-Server and Install-WindowsFeature Web-Windows-Auth commands are not necessary, as they install as dependencies for Print-Internet.	9/27/2013
68	Question 1, answer D	Should read: D. Correct: Server Graphical Shell provides support for the Windows graphical interface, including the desktop and File Explorer. You must remove it to convert to a Server Core installation.	9/27/2013
69	Question 3, answer C	Should read: C. Correct: A mirrored volume writes duplicate copies of all data to two disks, thereby providing fault tolerance	9/27/2013
81	Second paragraph, penultimate sentence	Should read: By default, the Everyone special identity receives the Allow ReadFull Control share permission to any new shares you create using File Explorer. In shares you create using Server Manager, the Everyone special identity receives the Allow Full Control share permission.	9/27/2013
85	Step 7	Reads: share Should read: NTFS	9/27/2013
87	"Configuring NTFS quotas" section, third paragraph, first sentence	Should read: NTFS quotas are relatively limited in that you can only set limits at the volume level.	3/15/2013
88	Step 7	The following should be added to the end of the step: However, no matter how much space you allocate to the storage area, Windows Server 2012 supports a maximum of 64 shadow copies for each volume.	9/27/2013

Page	Location	Description	Date corrected

89	Question 3	Should read:
		3. Correct answers: A
		    A. Correct: Using File Server Resource Manager, you can notify administrators with email messages when users exceed their allotment of storage.
		    B. Incorrect: Using NTFS Quotas, you can create quotas for individual users that specify different storage limits.
		    C. Incorrect: You can use NTFS quotas to prevent users from consuming storage space on a volume beyond their allotted limit.
		    D. Incorrect: You can use NTFS quotas to generate warnings to users when they approach their allotted storage limit.
			3/15/2013

90	Thought experiment	Reads: Trinity Should read: Contoso	9/27/2013
97	Bulleted list	Should read: * You can connect a single printer to multiple print devices, creating what is called a printer pool. On a busy network with many print clients, the print server can distribute large numbers of incoming jobs among several identical print devices to provide more timely service and better fault tolerance. * You can connect multiple print devices that support different forms and paper sizes to a single printer, which will distribute jobs with different requirements to the appropriate print devices. * You can connect multiple printers to a single print device. By creating multiple printers, you can configure different priorities, security settings, auditing, and monitoring parameters for different users. For example, you can create a high-priority printer for company executives and a lower-priority printer for junior users. This ensures that the executives' jobs get printed first, even if the printers are connected to the same print device.	3/15/2013
98	Step 7	Reads: Click Additional Drivers to open the Additional Drivers dialog box. Should read: Optionally, click Additional Drivers to open the Additional Drivers dialog box.	9/27/2013
104	"Creating a printer pool" section, steps 5 and 6	Steps 5 and 6 should swap positions.	5/24/2013
106	Step 8	Reads: Close Control Panel Should read: Close Print Management console	9/27/2013

Page	Location	Description	Date corrected
108	Step 9	Reads: Close Control Panel Should read: Close Print Management console	9/27/2013
115	Top of page, Note reader aid, last PowerShell command	Should read: Set-NetFirewallRule –name RemoteEventLogSvc-RPCSS-In-TCP –enabled True	1/18/2013
125	Objective 2.2: Thought experiment answer	Should read: Install additional, identical printers, connecting them to the same Windows Server 2012 print server, and create a printer pool by selecting the appropriate check box on the Ports tab of the printer's Properties sheet.	1/18/2013
126	Question 1, answer D	Should read: D. Incorrect: The remote server does not have to be running Remote Server Administration Tools.	3/15/2013
134	Third bulleted item, first sentence	Should read: Hardware-enforced Data Execution Prevention (DEP), which Intel describes as eXecuted Disable (XD) and AMD describes as No eXecute (NX).	1/18/2013
147	Last command	Should read: Set-VMMemory ServerA -DynamicMemoryEnabled $true -MinimumBytes 64MB	1/18/2013
163, 164	Figure 3-19 and Figure 3-20	Error is in both figures. Reads: Local Area Nework Should read: Local Area Network Reads: Storage Area Nework Should read: Storage Area Network	5/24/2013
169, 186	Objective 3.2: Thought Experiment question and answer	Question should read: What command should Ed use to create a new 500-GB fixed VHD for his Server A VM, in the Windows Server 2012 format, using data from the 465-GB drive on his computer, and a 4,096-byte sector size?" Answer should read: New-VHD –Path c:\servera.vhdx –Fixed –SizeBytes 500GB -LogicalSectorSizeBytes 4096 – SourceDisk 0	1/18/2013

Page	Location	Description	Date corrected
172	"Creating a new virtual switch" section, first paragraph	Reads: virtual Switch Manager Should read: Virtual Switch Manager	3/15/2013
175	Last paragraph	Reads: hexadecimals Should read: hexadecimal	3/15/2013
178	Figure 3-28, child partition	Reads: VSP Should read: VSC	3/15/2013
179	"Configuring hardware acceleration settings" section, second paragraph	Reads: Setting Should read: Settings	3/15/2013
184, 185	Question 4	Question should read: correct answers A, B, and D Answer D should read: D. Correct: Guest Integration Services is required for a guest OS to use Dynamic Memory.	3/15/2013
191	Table 4-1 and first paragraph	In Table 4-1, the first byte values (decimal) for Class A should read: 1-127 In the following paragraph, the text reads: …the possible binary values of the first byte in a Class A address range from 00000000 to 01111111 Should read: …the possible binary values of the first byte in a Class A address range from 00000001 to 01111111	3/15/2013
191	Last paragraph	The 8 in 28 should be superscript. It should be 2 to the eighth.	3/15/2013
193	Third paragraph	Reads: Anyone can use these addresses without registering them, but they cannot make computers using private addresses accessible from the Internet. Should read: Anyone can use these addresses without registering them, but they cannot make computers using private addresses accessible from the Internet, without using a specialized technology such as network address translation (NAT).	3/15/2013

Page	Location	Description	Date corrected
198	Bottom of page	Last part of last sentence reads: ...a 10-bit prefix of 11111110010 followed by 54 zeros,... Should read: ...a 10-bit prefix of 1111111010 followed by 54 zeros,...	5/24/2013
199	Multicast Addresses	Should read: Multicast addresses always begin with a value of 11111111 in binary, or ff in hexadecimal.	3/15/2013
203	Figure 4-5	Reads: Route Should read: Router	3/15/2013
206	Thought Experiment, second paragraph	In the parentheses, 2 to the 8th should be 2 to the 8th minus 2.	9/27/2013
206	Objective 4.1 Thought Experiment, second paragraph	Should read: The enterprise administrator has assigned Arthur the network address 172.16.8.0/24 for the branch office network that he is constructing. Arthur calculates that this gives him 254 (2^8) IP addresses, which is enough for his network, but he has determined that he needs six subnets with at least 10 hosts on each one.	3/15/2013
217	First paragraph	Should read: The DNS Servers option is typically a server option, because DNS servers do not have to be on the same subnet, and networks often use the same DNS servers for all their clients.	1/18/2013
227	Figure 4-18, last word	Reads: serverer Should read: server	3/15/2013
228	Figure 4-19, last word	Reads: serverer Should read: server	3/15/2013
230	Iterative query paragraph, last sentence	Should read: The only time a DNS server sends recursive queries to another server is in the case of a special type of server called a forwarder, which is specifically configured to interact with other servers in this way.	3/15/2013
233	Creating zones, Figure 4-23, Invalid Zone box	This box should surround only the sales and support domains rather than all three.	3/15/2013

Page	Location	Description	Date corrected
244	Objective 4.1 Thought Experiment	Should read: Arthur can subnet the address he has been given by using four host bits to give him eight subnets with up to 14 hosts on each. All addresses should be changed to read 172 instead of 192.	3/15/2013
244	Thought Experiment, first sentence	Should read: Arthur can subnet the address he has been given by using four host bits to give him 16 subnets with up to 14 hosts on each.	9/27/2013
246	Objective 4.3, question 2, answer B	Should read: Incorrect. The least significant bits in the IP address (that is, 88) should come first in the FQDN.	1/18/2013
260	Fourth paragraph	Reads: ndtsutil.exe Should read: ntdsutil.exe	5/24/2013
268	Second bulleted item	Reads: ...letters, numbers, and alphanumeric characters. Should read: ...letters, numbers, and special characters.	3/15/2013
272	First line on the page	Reads: The distinguished name of an object signifies its relative location within the Active Directory structure. Should read: The distinguished name of an object signifies its location within the Active Directory structure.	3/15/2013
279	Penultimate line on the page	Reads: ... specifies a distinguished name for the new group object you want to create. Should read: ... specifies a distinguished name for the new computer object you want to create.	3/15/2013
287	Thought experiment	The "Thought Experiment" responses should be numbered A through D instead of 1 through 4.	3/15/2013
288	Second paragraph	Reads: Unlike OUs, you cannot assign Group Policy to computer objects or delegate their administration. Should read: Unlike with Ous, you cannot assign Group Policy settings to container objects or delegate their administration.	3/15/2013

Page	Location	Description	Date corrected
290	Fourth paragraph	Reads: Unlike with OUs, you cannot assign Group Policy settings to container objects or delegate their administration. Should read: Unlike with Ous, you cannot assign Group Policy settings to computer objects.	5/24/2013
294	"UNIVERSAL GROUPS" section, second paragraph	The following sentence should be deleted: If a cross-forest trust exists, universal groups can contain similar accounts from a trusted forest.	5/24/2013
296	Last line on page	Should read: –GroupCategory Distribution|Security	3/15/2013

301, 306	Question 3 and answers	The question should read:
		Which of the following group scope modifications are never permitted?
		
		The answers should read:
		3. Correct answer: B
		   A. Incorrect: Global to universal group conversions are sometimes permitted.
		   B. Correct: Global to domain local group conversions are never permitted.
		   C. Incorrect: Universal to global group conversions are sometimes permitted.
		   D. Incorrect: Domain local to universal group conversions are sometimes permitted.
			1/18/2013

303	Question 3	Should read:
		3. Correct answer: C
		   A. Incorrect: Some attributes are created automatically, whereas administrators must supply information for other attributes manually.
		   B. Incorrect: A container object has, as one of its attributes, a list of all the other objects it contains.
		   C. Correct: Leaf objects have attributes that contain information about the specific resource the object represents.
		   D. Incorrect: Some attributes are created automatically, such as the globally unique identifier (GUID) that the domain controller assigns to each object when it creates it.
			3/15/2013

305	Objective 5.2: Thought Experiment answers	Should read: 1. dsadd "Oliver Cox" -samid ocox –company "Fabrikam, Inc." –dept "Inside Sales" 2. dsadd user CN=Oliver Cox,CN=Inside Sales,DC=fabrikam,DC=com -samid ocox –company Fabrikam, Inc. –dept Inside Sales 3. dsadd –company "Fabrikam, Inc." -samid ocox –dept "Inside Sales" "CN=Oliver Cox,CN=Inside Sales,DC=fabrikam,DC=com" 4. dsadd user "CN=Oliver Cox,CN=Inside Sales,DC=fabrikam,DC=com" -samid ocox –company "Fabrikam, Inc." –dept "Inside Sales"	3/15/2013

Page	Location	Description	Date corrected

305	Question 4 and answers	Should read:
		4. Correct answer: C
		   A. Incorrect: Local accounts can be created and configured in Windows Server 2012.
		   B. Incorrect: Domain accounts can be created and configured in Windows Server 2012.
		   C. Correct: There are three types of user accounts in Windows Server 2012: local accounts, domain accounts, and built-in user accounts.
		   D. Incorrect: Built-in accounts can be configured, but not created in Windows Server 2012.
			3/15/2013

306	Question 4, answer C	Should read: Universal groups cannot be security principals in a global group.	3/15/2013
317	Question 4, answer C explanation	Reads: A starter GPOs uses a… Should read: A starter GPO uses a…	3/15/2013
317	Step 5	Reads: The settings is changed… Should read: The setting is changed…	3/15/2013
317, 361	Thought experiment, second bullet	Reads: policy sessions Should read: policy settings	3/15/2013
361	Question 1 correct answer and answer C	Should read: 1. Correct answer: C and D Answer C should read: C. Correct: You must use the Group Policy Object Editor to import a template into a GPO before you apply it to a domain.	3/15/2013