MCTS Self-Paced Training Kit (Exam 70-680): Configuring Windows® 7 (Corrected Reprint Edition)

Ian McLean and Orin Thomas

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
ii	Paragraph below print code	The following paragraphs read: Distributed in Canada by H.B. Fenn and Company Ltd. A CIP catalogue record for this book is available from the British Library. Microsoft Press books are available through booksellers and distributors worldwide. For further information about international editions, contact your local Microsoft Corporation office or contact Microsoft Press International directly at fax (425) 936-7329. Visit our Web site at www.microsoft.com/mspress. Send comments to tkinput@microsoft.com. Should be replaced with the following: Microsoft Press books are available through booksellers and distributors worldwide. If you need support related to this book, email Microsoft Press Book Support at mspinput@microsoft.com. Please tell us what you think of this book at http://www.microsoft.com/learning/booksurvey.	5/20/2011
xxiii	More Info reader aid	Delete this entire More Info reader aid: More Info FIND ADDITIONAL CONTENT ONLINE As new or updated material that complements your book becomes available, it will be posted on the Microsoft Press Online Windows Server and Client Web site. The type of material you might find includes updates to book content, articles, links to companion content, errata, sample chapters, and more. This web site will be available at http://www.microsoft.com/learning/en/us/training/format-books-support.aspx#tab2 and will be updated periodically.	5/20/2011

Page	Location	Description	Date corrected
xxiv	Third paragraph, fifth line	Reads: To run computers as virtual machines within Windows, you can use Hyper-V, Microsoft Virtual PC 2007, or third-party virtual machine software. Should read: To run computers as virtual machines with Windows, you can use Hyper-V, or third-party virtual machine software. The link to "To download Virtual PC 2007 ...." should be deleted.	2/1/2011
xxiv	Third paragraph	The final sentence should be deleted: To download Virtual PC 2007, visit http://www.microsoft.com/windows/downloads/virtualpc/default.mspx.	2/1/2011
xxiv	Table 1 heading	Reads: Windows 7 Minimum Hardware Requirements Should read: Windows 7 Hardware Requirements	2/1/2011
xxiv	Table 1 title	Reads: Windows Server 2008 Minimum Hardware Requirements Should read: Windows 7 Minimum Hardware Requirements	2/1/2011
xxv	"Digital Content for Digital Book Readers" reader aid	Reads: the print edition's companion CD Should read: the print edition's companion DVD	5/20/2011
xxvii	Bottom of the page	Reads: tkinput@microsoft.com Should read: mspinput@microsoft.com	5/20/2011
2	"Before You Begin" section	Reads: A copy of the Windows 7 Enterprise or Ultimate edition installation media or an evaluation version of Windows 7 Enterprise or Ultimate edition, which can be downloaded from Microsoft's Web site Should read: A copy of the Windows 7 Enterprise or Ultimate edition installation media	7/26/2013
4	"Windows 7 Home Premium" section, last sentence	Reads: Windows 7 Home Premium supports two physical processors. Should read: Windows 7 Home Premium supports one physical processor.	2/1/2011

Page	Location	Description	Date corrected
4	Note reader aid	Reads: Although some editions support only one physical processor, they do support an unlimited number of cores on that processor. For example, all editions of Windows 7 support quad-core CPUs. Should read: Windows 7 Starter, Home Basic, and Home Premium will recognize only one physical processor. Other editions support two physical processors. All 32-bit versions of Windows 7 can support up to 32 processor cores, while 64-bit versions can support up to 256 processor cores.	2/1/2011
4	Note reader aid	Reads: Windows 7 Starer Should read: Windows 7 Starter	5/20/2011
6	First paragraph	Reads: The x64 versions of Windows 7 Professional, Enterprise, and Ultimate editions support up to 128 GB of RAM. Should read: The x64 versions of Windows 7 Professional, Enterprise, and Ultimate editions support up to 192 GB of RAM.	5/20/2011
8	"Using a Network Share as an Installation Source" section	Reads: Windows Preintallation Environment Should read: Windows Preinstallation Environment	11/2/2012
10	Penultimate paragraph	Reads: From here, you can start the installation by clicking Install Now. Should read: From here, click Next and then you can start the installation by clicking Install Now.	2/1/2011
11	Figure 1-1	Figure 1-1 is incorrect and should be disregarded.	2/1/2011
17	Step 3, bottom of page	Reads: 3. To change the default entry, use the command bcdedit /default and then list the identifier. In Figure 1-8, this would be {879f7be0-2163-11de-b92d-d86aaca536b1}. Should read: 3. To change the default entry, use the command bcdedit /default and then list the identifier. In Figure 1-8, this would be {878f7be0-2163-11de-b92d-d86aaca536b1}.	2/1/2011

Page	Location	Description	Date corrected
17	Step 3, bottom of page	Reads: 3. To change the default entry, use the command bcdedit /default and then list the identifier. In Figure 1-8, this would be {879f7be0-2163-11de-b92d-d86aaca536b1}. Should read: 3. To change the default entry, use the command bcdedit /default and then list the identifier. In Figure 1-8, this would be {878f7be0-2163-11de-b92d-d86aaca536b1}.	2/1/2011
22	"Lesson Summary" section, second bullet item, last sentence	Reads: The x64 versions support between 8 GB and 128 GB, depending on the edition. Should read: The x64 versions support between 8 GB and 192 GB, depending on the edition.	5/20/2011
22	"Lesson Summary" section, third bullet item	Reads: x86 of x64 CPU,. Should read: .x86 or x64 CPU,..	2/1/2011
26	Second paragraph	Reads: The x64 version of Windows 7 Enterprise supports up to 128 GB of RAM Should read: The x64 version of Windows 7 Enterprise supports up to 192 GB of RAM	5/20/2011
27	First paragraph, last sentence	Reads: compatability Should read: compatibility	2/1/2011
28	Fifth bullet item	Reads: You can upgrade only to an equivalent or higher edition of Windows 7. Should read: You can upgrade only to an equivalent or higher edition of Windows 7. It is only possible to upgrade to Windows 7 Enterprise edition from Windows Vista Business or Enterprise edition. Windows Vista Enterprise edition can only be upgraded to Windows 7 Enterprise edition.	2/1/2011
32	"Lesson Review" section, question 1	Reads: Windows 7 Home Professional (x86) Should read: Windows 7 Professional (x)	8/26/2011

Page	Location	Description	Date corrected
34	Second paragraph	Reads: ... the computer that a person us is likely to have important data stored on that computer. Should read: the computer that a person uses is likely to host important data.	2/1/2011
37	Last paragraph	Reads: By selecting Advanced, you can ... Should read: By selecting Advanced during restore, you can …	8/26/2011
48	"Chapter Summary" section, fifth bullet item, second sentence	Reads: You can only upgrade from an x64 version of Windows 7. Should read: You can only upgrade from an x64 version of Windows Vista to an x64 version of Windows 7.	2/1/2011
59	Second paragraph after Exam Tip reader aid	Reads: The technician computer does not need to be running Windows 7 - it could, for example, be a Windows Vista or Windows XP client. Should read: The technician computer does not need to be running Windows 7 - it could, for example, be a Windows Vista SP1 client.	5/20/2011
67	Step 4	The following should be added to the end of step 4: You should also copy the winpe.wim file to the ISO\Sources folder and rename it boot.wim.	11/2/2012
68	Step 5	The following should be added to step 5: The code for an x64 WinPE disk would be: oscdimg -n -bc:\winpe_amd64\ISO\boot\etfsboot.com c:\winpe_amd64\ISO c:\winpe_amd64\winpe_amd64.iso	2/1/2011
68	Step 5 code block	Reads: oscdimg -n -bc:\winpe_x86\etfsboot.com c:\winpe_x86\ISO Cc:\winpe_x86\winpe_x86.iso Should read: oscdimg -n -bc:\winpe_x86\etfsboot.com c:\winpe_x86\ISO c:\winpe_x86\winpe_x86.iso	2/1/2011
68	Step 5 code block	Reads: oscdimg -n -bc:\winpe_x86\etfsboot.com Cc:\winpe_x86\ISO c:\winpe_86\winpe_x86.iso Should read: oscdimg -n -bc:\winpe_x86\etfsboot.com c:\winpe_x86\ISO c:\winpe_x86\winpe_x86.iso	2/1/2011

Page	Location	Description	Date corrected
69	Step 3	Reads: copy d:\myimage.wim y: Should read: copy d:\installationimage.wim y:	8/26/2011
70	Figure 2-8, script, first line	Reads: diskpart select disk 0 Should read: select disk 0	2/1/2011
70	Step 18	Reads: e:\imagex.exe /apply d:\myimage.wim 1 C: Should read: e:\imagex.exe /apply d:\installationimage.wim 1 C:	8/26/2011
71	Step 19 command	Reads: d:\windows\system32\bcdboot d:\windows Should read: d:\windows\system32\bcdboot d:\windows /s c:	7/26/2013
71	"Cross- Architecture Tools" section	Reads: Both ImageX(x86) and Windows PE(x86) and are cross-architecture tools. Should read: Both ImageX(x86) and Windows PE(x86) are cross-architecture tools.	2/1/2011
76	Table, fourth row	Reads: Example: dism /remount-wim /mountdir:<path_to_mount_directory> Should read: Example: dism /remount-wim /mountdir:C:\practice\offline	2/1/2011
76	Table, second row	Reads : The image remains mounted until the /dismount option is used. Should read: The image remains mounted until the /unmount-wim option is used.	2/1/2011
76	Table 2-4	Reads: Example: dism /remount-wim /mountdir: Should read: Example: dism /remount-wim /mountdir:C:practiceoffline	2/1/2011
84	Step 5	The following information should be added to the end of step 5: Next, copy winpe.wim to the ISO\Sources folder and rename it boot.wim: xcopy /chery c:\winpe_x86\winpe.wim c:\winpe_x86\ISO\Sources\boot.wim.	2/1/2011

Page	Location	Description	Date corrected
86	Step 9 (top of page)	Leave the first sentence of the step, and delete the following: However, the Windows AIK toolset currently does not include an image-burning utility, and Microsoft advises the use of reputable third-party software to create the Windows PE boot disk from this ISO image. (Leaving only the first sentence)	2/1/2011
90	"Creating a Native VHD" section, third paragraph	Reads: right-click Computer Management Should read: right-click Disk Management	2/1/2011
91	Step 3	Reads: Enter create vdisk file=c\win7\myothervhd.vhd maximum=20000. Should read: Enter create vdisk file=c:\win7\myothervhd.vhd maximum=20000.	2/1/2011
91	Third paragraph	Reads: ...right-click Computer Management Should read: ...right-click Disk Management	2/1/2011
94	Syntax of wim2vhd.swf (above "WIM2VHD Parameters" section	Reads: The syntax is as follows: cscript wim2vhd.wsf. /wim:<wimPath> ...... Should read: The syntax is as follows: cscript wim2vhd.wsf /wim:<wimPath> ...... that is without a dot behind wsf	2/1/2011
95	WIM2VHD Examples	Reads: cscript wim2vhd.wsf /win:x:\mysources\install.wim /sku: ultimate /unattend:C:\answer_files\unattend.xml Should read: cscript wim2vhd.wsf /wim:x:\mysources\install.wim /sku:ultimate /unattend:C:\answer_files\unattend.xml	2/1/2011
96	More Info reader aid	Reads: VIM2VHD For more information about VIM2VHD, see http://code.msdn.microsoft.com/wim2vhd. Should read: WIM2VHD For more information about WIM2VHD, see http://code.msdn.microsoft.com/wim2vhd.	2/1/2011

Page	Location	Description	Date corrected
99	Second paragraph	Reads: The console enables you to perform almost all deployment tasks, although you cannot use it to pre-stage client computers. You can, however, use it to set the Auto-Add policy and approve or reject pending computers. Should read: The console enables you to perform almost all deployment tasks. You can use it to set the Auto-Add policy, to pre-stage, and to approve or reject pending computers.	5/20/2011
103	Step 2	Reads: wdsutil /verbose /progress /replace-image /image:<name> /imagetype:boot /architecture:{x86|x64|ia64} /replacementimage/imagefile:<path> Should read: wdsutil /verbose /progress /replace-image /image:<name> /imagetype:boot /architecture:{x86|x64|ia64} /replacementimage /imagefile:<path> (missing a space before /imagefile)	8/26/2011
105	Exercise 1, step 5	Reads: Right-click Computer Management Should read: Right-click Disk Management	2/1/2011
105	Heading and first paragraph	Reads: Creating a Bootable VHD Should read: Creating a VHD In the first paragraph below the "Practice" heading, the following should be deleted: You then add the VHD to the Boot menu so that your computer can boot from it	2/1/2011
107	Exercise 2	All of Exercise 2 should be deleted.	2/1/2011
114	Second bulleted item, second sentence	Reads: In particular, you need to have installed the Windows Automated Installation Kit (Windows AIK) and deployed an offline image of the Canberra computer on a bootable virtual hard disk (VHD). Should read: In particular, you need to have installed the Windows Automated Installation Kit (Windows AIK).	6/8/2012
114	Last paragraph	Reads: new features of an operatingsystem Should read: new features of an operating system	2/1/2011

Page	Location	Description	Date corrected
116	First paragraph, second sentence	Reads: you night Should read: you might	2/1/2011
119	Fifth paragraph, before the Note reader aid	Reads: dism /unmount-wim c:\mountedimas Should read: dism /unmount-wim /mountdir:c:\mountedimages	11/2/2012
119	First code snippet	Reads: dism /mount-wim /wimfile:w:\myimage.wim /index:1 /mountdir:d:\mymountedimages Should read: dism /mount-wim /wimfile:w:\myimage.wim /index:1 /mountdir:d:\mountedimages	2/1/2011
123	Table 3-2 title	Reads: Parameters That Cannot Be Used with an Offline Image Should read: Parameters That Cannot Be Used with an Online Image	2/1/2011
123	Table 3-2 title	Title of Table 3-2 should be: Parameters That Cannot Be Used with an Online Image	2/1/2011
125	Paragraph that begins "When managing applications and patches"	Reads: To obtain information about application patches (MSI files) applicable to a mounted image, you would use a command similar to the following: Should read: To obtain information about application patches (MSP files) applicable to a mounted image, you would use a command similar to the following:	2/1/2011
126	Quick Check Answer reader aid	Reads: dism /image:d:\orinsimage /add-driver /driver:d:\orinsimage /recurse Should read: dism /image:d:\orinsimage /add-driver /driver:c:\orinsnewdrivers /recurse	2/1/2011
127	Exam Tip reader aid	Reads: .../get-apps and get-/appinf. Should read: .../get-apps and /get-appinfo…	2/1/2011

Page	Location	Description	Date corrected
131	First paragraph, fifth line	Read: installed pending Should read: install pending	2/1/2011
136	Quick Check Answers reader aid	Reads: 2. dism /image:c:\ mypeimage /get-targetpath Should read: 2. dism /image:c:\ mypeimage /get-scratchspace	2/1/2011
136	Quick Check Answer reader aid	Reads: 2. dism /image:c mypeimage /get-targetpath Should read: 2. dism /image:c mypeimage /get-scratchspace	2/1/2011
137	Tenth line	Reads: an offline Windows image: Should read: an offline Windows image:	2/1/2011
138	Quick Check reader aid	Reads: unatte.hml Should read: unattend.xml	11/2/2012
140	Exercise 1, first paragraph	Reads: In this exercise, you use the ImageX tool to mount the system image Myimage.wim that you installed on the VHD to which you allocated drive letter W. Should read: In this exercise, you use the ImageX tool to mount a copy of the install image install.wim.	6/8/2012
141	Step 4	A new step 4 should be added, and the remaining steps renumbered. New step should read: 4. Copy the file install.wim from the sources directory of the Windows 7 installation media to w:. Rename the file myimage.wim.	6/8/2012
148	More Info reader aid	The following should be added to end of the reader aid: Note that the MDT 2010 tool is still under development at the time of writing and may operate differently from the description given. Please study the Internet guide, which describes the latest version.	11/2/2012
163	Last paragraph	Reads: virtual machines stored in SCVVM Should read: virtual machines stored in SCVMM	12/16/2011

Page	Location	Description	Date corrected
174	Second paragraph	Reads: BCDbo see http://support.microsoft.com/kb/300415. Should read: BCDboot, see http://technet.microsoft.com/en-us/library/dd744347(WS.10).aspx	12/16/2011
181	"Exercise 1 Downloading the MDT 2010 Installation Files and Documentation" section, first paragraph	Link to the download should be: http://www.microsoft.com/downloads/details.aspx?FamilyId=3BD856 1F-77AC-4400-A0C1-FE871C461A89&displaylang=en	2/1/2011
181	Note reader aid	Reads: Therefore, its eventual interface might vary from what you see in this book. Should read: Therefore, its eventual functionality and user interface might vary from what you see in this book.	5/20/2011
187	Second bullet item, last sentence	Reads: Discover images enable you to boot a reference computer and transfer its system image to WDS, which can then deploy it to other computers. Should read: Capture images enable you to boot a reference computer and transfer its system image to WDS, which can then deploy it to other computers.	5/20/2011
204	Second paragraph, fifth line	Reads: C:\Windows\Sysrem32\Drivers. Should read: C:\Windows\System32\Drivers.	2/1/2011
205	Quick Check reader aid	Reads: How to you determine ... Should read: How do you determine.....	2/1/2011
209	First paragraph, third line	Reads: or if an administrator it has stag it. Should read: or if an administrator has staged it.	2/1/2011

Page	Location	Description	Date corrected
211	First paragraph	Reads: you can use Disk Management to convert disks from basic to dynamic (and less typically, from basic to dynamic) Should read: you can use Disk Management to convert disks from basic to dynamic (and less typically, from dynamic to basic)	11/2/2012
232	Fifth bullet item	Reads: Integrated Development Environment (IDE) Should read: Integrated Drive Electronics (IDE)	8/26/2011
235	Last bullet item on page	Reads: Dynamic can be coverted to GBT Should read: Dynamic can be converted to GPT	2/1/2011
244	Note reader aid	Should read: Windows 7 offers software implementations of RAID-0 and RAID-1 that require no additional hardware.	2/1/2011
249	Second bullet item	Reads: Windows 7 offers software RAID-0, RAID-1 and RAID-5 volumes. Should read: Windows 7 offers software RAID-0 and RAID-1 volumes.	2/1/2011
251	"Chapter Summary" section, fourth bullet item	Reads: Windows 7 supports single, spanned, RAID-0 and RAID-1 volumes. Should read: Windows 7 supports single, spanned, RAID-0, and RAID-1 volumes.	5/20/2011
252	Case Scenario 2	Please add the following to the end of the description for Case Scenario 2 (after "the steps taken to access data"): You have been allocated a budget to implement a third-party solution that circumvents the licensing restriction on using RAID-5 with Windows 7.	11/2/2012
272	Final paragraph	Reads: the number 10 at the start of the address indicates that the address is private Should read: the numbers 192.168 at the start of the address indicate that the address is private	11/2/2012
273	First paragraph	Reads: to specify whether Software Restriction Policies to all software files except libraries Should read: to specify whether Software Restriction Policies apply to all software files except libraries	2/1/2011

Page	Location	Description	Date corrected
281	Fifth paragraph	Reads: For example, if you want to configure the Local Area Connection interface with an IPv4 address 10.0.0.11, a subnet mask 255.255.255.0, and a default gateway 10.0.0.11, you enter the following command: netsh interface ipv4 set address "local area connection" static 10.0.0.11 255.255.255.0 10.0.0.11 Should read: For example, if you want to configure the Local Area Connection interface with an IPv4 address 10.0.0.11, a subnet mask 255.255.255.0, and a default gateway 10.0.0.1, you enter the following command: netsh interface ipv4 set address "local area connection" static 10.0.0.11 255.255.255.0 10.0.0.1 Reads: If you also wanted to set the DNS server address as 10.0.0.11, you enter the following command: netsh interface ipv4 set dnsservers "local area connection" static 10.0.0.11 Should read: If you also wanted to set the DNS server address as 10.0.0.1, you enter the following command: netsh interface ipv4 set dnsservers "local area connection" static 10.0.0.1	11/2/2012
300	Fifth paragraph, fourth line	Reads: The lesson considers the Network And Sharing Center, the Netstat and Netsh command-line tools, Windows Network Diagnostics, how you connecting a computer .... Should read: The lesson considers the Network And Sharing Center, the Netstat and Netsh command-line tools, Windows Network Diagnostics, how you connect a computer ..	2/1/2011
300	Lesson 1, third paragraph	Reads: start with 168.254 when debugging connectivity because computers that fail to get their IPv4 Should read: start with 169.254 when debugging connectivity because computers that fail to get their IPv4	2/1/2011
300	Third paragraph, second line	Reads: start with 168.254 when debugging connectivity because computers that fail to get their IPv4 Should read: start with 169.254 when debugging connectivity because computers that fail to get their IPv4	2/1/2011

Page	Location	Description	Date corrected
300	Sixth paragraph	Reads: 255.255.225.0 Should read: 255.255.255.0 Reads: 225.255.254.0 Should read: 255.255.254.0	2/1/2011
303	Bullet items	All four bullet items read: through 2001::0a0a:xxxx Should read: through 2001::ce49:7601	11/2/2012
303	"Subnetting and Supernetting" section, second paragraph	Reads: If an organization has a significant number of computers on its network (say over 100-this number varies depending on the type, volume, and pattern of traffic on the network-or if it Should read: If an organization has a significant number of computers on its network (say over 100-this number varies depending on the type, volume, and pattern of traffic on the network) or if it	2/1/2011
304	Quick Check answers reader aid, step 3	Should read: Therefore, the host address is from 0000001 to 1111110 binary (0000000 is the network address and 1111111 is the broadcast address).	2/1/2011
306	Bottom of the page, private IP address space	Reads: 192.168.0.0/16 (192.168.0.1 through 192.168.255.255) Should read: 192.168.0.0/16 (192.168.0.1 through 192.168.255.254)	2/1/2011
320	Fourth bullet item	Reads: -o Displays active connections... on the Processes tab... Should read: -o Displays active connections... on the Services tab	2/1/2011
326	Step 3	Reads: Similarly, entering ping 172.16.0.210 on Perth fails to locate the Brisbane computer's IPv4 address. Should read: Similarly, entering ping 172.16.10.210 on Perth fails to locate the Brisbane computer's IPv4 address.	2/1/2011

Page	Location	Description	Date corrected
327	Question 4, choice B	Reads: ... static 10.0.0.162 .... Should read: ... static 10.0.10.162	2/1/2011
336	List of IPV6 for the company	Reads: Branch 3: 2001:: ce49:7601:e866:efff:f5ff:ebfe through 2001::0a0a:1efe:e866:efff:f5ff:ebfe Should read: Branch 3: 2001:: ce49:7601:e866:efff:f5ff:ebfe through 2001::0a0a:1efe:e866:efff:f5ff:eb01	8/26/2011
341	Final paragraph	Reads: Netsh interface ipv6 show routes Should read: Netsh interface ipv6 show route	2/1/2011
342	First paragraph	Reads: use the Pathping -d command Should read: use the Pathping command	2/1/2011
361	Exam Tip reader aid, first sentence	Reads: Several 802.11 standards exist in addition to 802.11a, 802.11b, and 802.11c. Should read: Several 802.11 standards exist in addition to 802.11a, 802.11b, and 802.11g.	2/1/2011
361	Exam Tip reader aid	Reads: Several 802.11 standards exist in addition to 802.11a, 802.11b, and 802.11c. Should read: Several 802.11 standards exist in addition to 802.11a, 802.11b, and 802.11g.	2/1/2011
383	Objectives, third bullet item	Reads: Create profile network-profile-specific rules Should read: Create network-profile-specific rules	2/1/2011

Page	Location	Description	Date corrected
383	"Windows Firewall" section, second paragraph	Reads: Windows Firewall uses simple rules that directly relate to a program or service. Should read: Windows Firewall uses simple rules that directly relate to a program ofeature.	8/26/2011
384	First paragraph	Reads: IKEv2 does not support POP, CHAP, or MS-CHAPv2 Should read: IKEv2 does not support PAP, CHAP, or MS-CHAPv2	11/2/2012
395	WFAS-rules, second bullet item	Reads: the command netsh advfirewall firewall add rule name="Calc" dir=in program="c:\windows\system32\calc.exe Should read: the command netsh advfirewall firewall add rule name="Calc" dir=in program="c:\windows\system32\calc.exe" action=allow	2/1/2011
413	Question 3	Reads: All servers in this branch office use Windows Server 2003 R2 Should read: All servers in this branch office use Windows Server 2008 R2	11/2/2012
416	Question 2	Reads: You want to user Windows PowerShell Should read: You want to use Windows PowerShell	11/2/2012
428	First paragraph, second sentence	Reads: and then clicking the Shareb Should read: and then clicking the Sharing tab	12/16/2011
431	Fourth paragraph	Reads: To assign permissions to the shared folder, use the command: Net share sharename /grant:user Read/Change/Full Should read: To assign permissions when creating the shared folder, use the command: net share sharename=[path] /grant:user,[Read/Change/Full] (for example net share tempus=c:\temp /grant:Bob,Change)	2/1/2011

Page	Location	Description	Date corrected
440	Question 1	Reads: Share the Sci_Data library using the HomeGroup control panel Should read: Share the Sci_Data library	8/26/2011
441	Question 4, answer B	Reads: Modify Should read: B. Change	12/16/2011
444	Exercise 2, step 2	Reads: In the In the Search Programs And Files text box Should reads: In the Search Programs And Files text box	11/2/2012
449	Second paragraph, last sentence	Reads: To use Robocopy.exe to move all files … Should read: To use Robocopy.exe to copy all files …	2/1/2011
450	Step 2	Reads: 2. In the Local Group Policy Editor, navigate to the Computer Configuration\Windows Settings\Security Settings\System Audit Policies – Local Group Policy Object\Object Access node and set the Audit File System policy, as shown in Figure 8-27. Should read: 2. In the Local Group Policy Editor, navigate to the Computer Configuration\Windows Settings\Security Settings\Advanced Audit Policy Configuration\System Audit Policies – Local Group Policy Object\Object Access Node and set the Audit File System policy, as shown in Figure 8-27.	2/1/2011
452	Fourth paragraph	Reads: If you copy an encrypted file to a compressed folder, the file remains compressed. Should read: If you copy an encrypted file to a compressed folder, the file remains encrypted.	8/26/2011
452	Fifth paragraph, compression issues	Reads: If you copy an encrypted file to a compressed folder, the file remains compressed Should read: If you copy an encrypted file to a compressed folder, the file remains encrypted	12/16/2011

Page	Location	Description	Date corrected
456	Step 15	Reads: Encrypt.exe Should read: Encrypt.txt	2/1/2011
461	Third line down	Read: severs Should read: servers	5/20/2011
462	"Hosted Cache Mode" section, line 1	Reads: Hosted Cache Mode, line 1 Hosted Cache mode uses a centralized local cache that hosted Should read: Hosted Cache mode uses a centralized local cache that is hosted	2/1/2011
462	Last bullet item	Reads: Ensure that all clients that trust the certificate Should read: Ensure that all clients trust the certificate	2/1/2011
464	First bullet item	Reads: One of these network adapters needs to a direct connection to the Internet. Should read: One of these network adapters needs a direct connection to the Internet.	11/2/2012
489	First sentence	Reads: In this exercise, you configure User Account Control policies using the Local Security Policy editor Should read: In this exercise, you configure User Account Control policies using the Local Group Policy Editor	12/16/2011
489	Exercise 2, step 3 (near top of page)	Reads: 3. In the In the Search Programs.... Should read: In the Search Programs…	2/1/2011
518	First sentence	Should read: in the Computer Configuration\Administrative Templates\Network\TCPIP Settings\IPv6 Transition Technologies node.	2/1/2011

Page	Location	Description	Date corrected
549	Question 3	Reads: Which of the following protocols can you use to connect to the VPN server? Should read: Which of the following protocols can you use to connect to the VPN server? (Choose all that apply)	7/26/2013
551	Case Scenario 2, first line	Reads: Windows 7 Professional Should read: Windows 7 Enterprise	2/1/2011
551	Case Scenario 2, sixth line	Reads: though Windows Server 2008 R2 x64 Routing and Remote Access servers do not Should read: though Windows Server 2008 Routing and Remote Access servers do not	11/2/2012
551	Case Scenario 2: Remote Access at Tailspin	Should read: Windows 7 Enterprise supports IKEv2 VPNs, through Windows Server 2008 R2	2/1/2011
559	First line of paragraph after Figure 11.3	Reads: After you have configured the DRA, It is also necessary to configure the Computer Should read: After you have configured the DRA, it is also necessary to configure the Computer	2/1/2011
559	Third paragraph	Reads: After you have configured the DRA, it is also necessary to configure the Computer Configuration\Administrative Templates\Windows Components\BitLocker Drive Encryption\ Prove The Unique Identifiers For Your Organization policy to support DRA recovery. Should read: After you have configured the DRA, it is also necessary to configure the Computer Configuration\Administrative Templates\Windows Components\BitLocker Drive Encryption\Provide The Unique Identifiers For Your Organization policy to support DRA recovery.	12/16/2011
585	Last bullet item	Shift final bullet to be in line with other bullet items in list.	2/1/2011
624	Third bullet item	Reads: Local Internet Should read: Local Intranet	2/1/2011

Page	Location	Description	Date corrected
631	logman create config	Both instances read: Logman create cog Should read: Logman create cfg	8/26/2011
652	First paragraph after bullet items	Reads: The System Diagnostics DCS collector set has a default overall duration of 1 minute. Should read: The System Diagnostics DCS collector set has a default duration of 10 minutes.	2/1/2011
652	First paragraph after bullet items	Reads: a default overall duration of 10 minutes Should read: a default overall duration of 1 minute	2/1/2011
652	First paragraph after bullet items	Reads: The System Performance DCS has a default overall duration of 10 minutes. Should read: The System Performance DCS has a default overall duration of 1 minute.	2/1/2011
663	Fifth line	Reads: You can start Resource Monitor from the Processes tab of Task Manager or by entering resmon in the Search box on the Start menu. Should read: You can start Resource Monitor from the Performance tab of Task Manager or by entering resmon in the Search box on the Start menu.	12/16/2011
665	Third paragraph	Reads: In the Kernel Memory (MB) table, Total is the amount of memory being used by the core part of Windows, called the kernel; Paged refers to the amount of virtual memory the kernel is using; Nonpaged is the amount of RAM memory used by the kernel. Should read: In the Kernel Memory (MB) table, Paged refers to the amount of virtual memory the kernel is using; Nonpaged is the amount of RAM memory used by the kernel.	2/1/2011
677	Fourth paragraph	Reads: Note that if any of your network connector types is set to public, you must set it to private for this command to work. Should read: Note that if any of your network connection types is set to public, you must set it to private for this command to work.	8/26/2011

Page	Location	Description	Date corrected
689	Fifth paragraph, last sentence	Reads: Typically, Windows Imaging (WIM) files have .vbs extensions. Should reads: Typically, Windows Management Instrumentation (WMI) files have .vbs extensions.	2/1/2011
690	Third and fourth paragraphs	Reads: WIM Should read: WMI	2/1/2011
707	Exam Tip reader aid	Reads: You can use either Task Manager or System Configuration to start and stop services on a computer running Windows 7 without rebooting the computer. Should read: You can use either Task Manager or the Services Console to start and stop services…	2/1/2011
708	First paragraph	The following sentence should be deleted: You can also access the tool from the Tools tab of the System Configuration tool.	2/1/2011
723	Question 1	Reads: What WIM tool do you use to view Windows Management-generated events and event information, such as the event's date and time, class, point of origin, and description? Should read: What WMI tool do you use to view Windows Management-generated events and event information, such as the event's date and time, class, point of origin, and description?	2/1/2011
723	Question 1	Reads: What WIM tool do you use to view Windows Management-generated events and event information, such as the event's date and time, class, point of origin, and description?⬚ Should read: What WMI tool do you use to view Windows Management-generated events and event information, such as the event's date and time, class, point of origin, and description?⬚	2/1/2011
723	Question 5	Reads: Vista Professional Should read: Vista Enterprise	2/1/2011
737	Figure 14-4	Figure 14-4 should be the one shown at http://orinthomas.com/70-680/figure-14-4.png.	2/1/2011

Page	Location	Description	Date corrected
737	Third paragraph	Reads: H:\Computer\Backup Set.... Should read: H:\Canberra\Backup Set....	2/1/2011
746	"Performing a System Restore" section, 16th line	Reads: If you boot the from the installation media Should read: If you boot from the installation media	2/1/2011
749	Second paragraph	Reads: (for example, by malware that cannot be removed except 0 by wiping the disk). Should read: (for example, by malware that cannot be removed except by wiping the disk).	2/1/2011
750	Bulleted list item addition	A new bulleted list item shoud be added at the beginning of the list: Repair Your Computer Shows a list of system recovery tools you can use to repair startup problems, run diagnostics, or restore your system. This option is available only if the tools are installed on your computer's hard disk.	6/8/2012
751	"System Recovery Options" section, first sentence	Reads: When you select Debugging Mode in Advanced Boot Options, Should read: When you select Repair Your Computer in Advanced Boot Options,	11/2/2012
751	Last paragraph	Reads: Debugging Mode This enables kernel debuging and System image restore. Should read: Debugging Mode Starts Windows in an advanced troubleshooting mode intended for IT professionals and system administrators.	6/8/2012
783	Lesson 1, question 1, answer A	Reads: 0image Should read: image	2/1/2011
784	Answers A and B	Reads: Windows Vista Enterprise (x86) can only be upgraded to Windows 7 Enterprise (x86) or Ultimate (x86) Should read: Windows Vista Enterprise (x86) can only be upgraded to Windows 7 Enterprise (x86)	2/1/2011

Page	Location	Description	Date corrected
784	"Lesson Review" section, question 1	Reads: You cannot upgrade Windows Vista Enterprise to Windows 7 Home Professionl Should read: You cannot upgrade Windows Vista Enterprise to Windows 7 Professional	8/26/2011
802	Case Scenario 2, step 2	Reads: Configure this rule to apply to the Everyone group. Block the execution of the application, but configure an exception for the Scientists group Should read: Configure this rule to apply to the Scientists group. Allow the execution of the application. Ensure that the data collection application is installed outside the scope of the folders covered by the default allow rule so that it will be blocked unless specifically allowed.	2/1/2011
812	Question 1	Reads: Share the Sci_Data library using the HomeGroup control panel Should read: Share the Sci_Data library	8/26/2011
813	Top of page, question 4, answer B	Reads: You should assign the Modify permission because this allows users to add, modify, and delete files located on the accounting shared folder. Should read: You should assign the Change permission because this allows users to add, modify, and delete files located on the accounting shared folder.	12/16/2011
833-834	Chapter 3, lesson 1 answers	The following answers should be renumbered: The answer for question 1 is actually for question 5. The answer for question 2 is actually for question 4⬚ The answer for question 4 is actually for question 2⬚ The answer for question 5 is actually for question 1⬚	2/1/2011
838	Question 4, answer C	Reads: You cannot use Backup And Restore to write a System Image backup to a USB flash drive, a writable DVD, or a tape drive. Should read: You cannot use Backup And Restore to write a System Image backup to a USB flash drive or a tape drive.	2/1/2011
838	Question 4, answer D	Reads: D. Incorrect: You cannot use Backup And Restore to write a System Image backup to an optical drive, although you can use this media for file and folder backups. Should read: D. Correct: You can use Backup And Restore to write a System Image backup to an optical drive.	2/1/2011

Page	Location	Description	Date corrected
861	Toward the top of the left most column	Reads: VIM2VHD, 96 Should read: WIM2VHD, 96	5/20/2011
875	"Software Requirements" section	Reads: Windows 7 Enterprise or Ultimate An evaluation edition is available from the TechNet Evaluation Center at http://technet.microsoft.com/en-us/evalcenter/default.aspx. Should read: Windows 7 Enterprise or Ultimate	7/26/2013