MCTS Self-Paced Training Kit (Exam 70-642): Configuring Windows Server® 2008 Network Infrastructure (2nd Edition)

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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
	Practice Test question: 642P_4.3_05	Reads: Click the Settings button. Should read: Click the Enable button.	
	Practice Test question: 642p_4.5_02	The reference(s) to 32-bit should read: 64-bit The reference(s) to 64-bit should read: 32-bit	
	Practice Test question: 642p_1.2_09	Reads: How should you configure client computers? Should read: How should you configure the DHCP server? The correct answer should be: Edit the 006 Dynamic Host Configuration Protocol (DHCP) server option The 006 option defines DNS servers (the 015 option defines the default DNS domain name). To modify the configuration for existing scopes, you need to edit the existing option rather than adding an option.	
xvii	Last paragraph, last bulleted item	Reads: hree... Should read: Three…	9/9/2011

Page	Location	Description	Date corrected
xviii	"Lab Setup Instructions" section, first paragraph, second sentence	Reads: The exercises in Chapter 6, "Protecting Network Traffic with IPsec," and several Lesson 4 exercises in Chapter 7, "Connecting to Networks," require a third such computer or virtual machine. Should read: The exercises in Chapter 6, "Protecting Network Traffic with Ipsec," several Lesson 4 exercises in Chapter 7, "Connecting to Networks," and Lesson 2 of Chapter 8, "Configuring Windows Firewall and Network Access Protection," require a third such computer or virtual machine.	9/7/2012
xviii	"Lab Setup Instructions" section, second paragraph	The last two sentences should read: (Note that neither Virtual PC nor Virtual Server support 64-bit guests.) For more information about Hyper-V, visit http://www.microsoft.com/hyperv. To download VirtualBox, visit http://www.virtualbox.org.	5/25/2012
9	Second paragraph, last sentence	Reads: A resulting sum of 0 confirms that the sum checks OK, and that the header has not been modified in transit. Should read: The checksum value of 0 here indicates that that the checksum value is being set and checked outside the TCP/IP stack.	9/9/2011
29	Note reader aid	Reads: …type ipconfig /renew. Should read: …type ipconfig /renew6.	9/9/2011
36	Second paragraph, first sentence	Reads: This practice assumes that you have performed the computer lab setup as described in the Introduction to this book. Should read: This practice assumes that you have performed the computer lab setup as described in the Introduction to this book, with the virtual network adapters in your virtual machines assigned to the same private or internal network (not a NAT network).	5/25/2012
36	Second paragraph, second sentence	Should read: On Dcsrv1, Local Area Connection must be connected to the private lab network.	9/9/2011
42	Fourth paragraph, third sentence	Reads: Figure 1-29 Should read: Figure 1-30	5/25/2012

Page	Location	Description	Date corrected
47	Figure 1-31, Figure 1-32	Reads: 10001010 Should read: 11011110	9/9/2011
49	Table 1-3, third row, third column	Reads: 100000000 Should read: 10000000	9/9/2011
52	Table 1-4, second column, all rows	Reads: 254 Should read: 255	9/9/2011
57	Figure 1-37 caption	In the caption for Figure 1-37, the number 9 should appear as an exponent, but it doesn't. In other words, "29" should be "2 to the 9th" or "2^9".	9/9/2011
58	Figure 1-38 caption	The number 7 should appear as an exponent, but it doesn't. In other words, "27" should be "2 to the 7th" or "2^7".	9/9/2011
62	Fourth paragraph	Reads: Whereas the original /16 network address space in Figure 1-34 consisted of a single subnet including up to 65,534 (216 − 2) hosts, using a /24 subnet mask everywhere internally, as shown in Figure 1-35, allows you to subdivide this original space into 256 (28) subnets with as many as 254 (28 − 2) hosts each. Should read: Whereas the original /16 network address space in Figure 1-39 consisted of a single subnet including up to 65,534 (216 − 2) hosts, using a /24 subnet mask everywhere internally, as shown in Figure 1-40, allows you to subdivide this original space into 256 (28) subnets with as many as 254 (28 − 2) hosts each.	9/9/2011
84	"Lesson Summary" section, fourth bulleted item	Reads: These ranges include 10.0.0.0 through 10.255.255.254, 17.16.0.0 through 17.31.255.254, and 192.168.0.0 through 192.168.255.254. Should read: These ranges include 10.0.0.0 through 10.255.255.255, 172.16.0.0 through 172.31.255.255, and 192.168.0.0 through 192.168.255.255.	9/9/2011
84	"Lesson Summary" section, third bulleted item, all instances	Reads: 254 Should read: 255	9/9/2011

Page	Location	Description	Date corrected
93	Figure 1-52 label and caption	Label reads: ISATPAP host Should read: Caption reads: ISATPAP… Should read: ISATAP…	9/9/2011
95	Quick Check box, question 2	Reads: …an IPv4-only host… Should read: …a host on an IPv4-only network…	9/9/2011
100	Second paragraph	Reads: …vales… Should read: …values…	11/18/2011
103	"Lesson Summary" section, third sentence	Reads: …6to4 enables IPv6-only hosts… Should read: …6to4 enables IPv6 hosts…	9/9/2011
105	"Chapter Summary" section, fourth bulleted item	Please change both instances of "254" to "255."	9/9/2011
112	Fourth paragraph, third sentence	Reads WS09r2-01 Should read: WS08r2-01	9/9/2011
119	First paragraph below bulleted list	Reads: By default Windows clients are configured as hybrid nodes. Should read: By default, Windows clients since Windows Vista are configured as hybrid nodes.	9/9/2011
119	Second bulleted item	The word "Lmhosts" has an hyperlink that points to the HOSTS entry in the Glossary, but should point to the LMHOSTS entry.	11/18/2011
129	Step 2	Reads: The preferred DNS server checks its cache and zones … Should read: The preferred DNS server checks its zones and cache…	9/9/2011

Page	Location	Description	Date corrected
142	Third line	Reads: When a client queries a DNS server with a name resolution request, the DNS server first checks its cache to see whether it already has the answer stored. Should read: When a client queries a DNS server with a name resolution request, the DNS server checks to see if it can answer the query with local zone data and then checks its cache to see whether it has the answer stored.	9/9/2011
161	First sentence	Reads: Active Domain... Should read: Active Directory domain…	9/9/2011
162	First paragraph, penultimate sentence	Reads: 100 MB Should read: 100 Mbps	11/18/2011
164	Last paragraph, second sentence	Reads: …\Administrative Tools\... Should read: …\Administrative Templates\...	9/9/2011
167	Second paragraph	Fourth sentence reads: First, both the DNS client and the DNS server must be configured with the address of the DNS server as the preferred DNS server. Should read: First, the DNS client must be configured with the address of the DNS server as the preferred DNS server. Sixth sentence reads: Third, the DNS client must be configured with an appropriate DNS suffix, either specified manually as a primary DNS suffix or assigned automatically from the DHCP server. Should read: Third, both the DNS client and server must be configured with an appropriate DNS suffix, either specified manuallyas a primary DNS suffix or (in the case of the DNS client) assigned automatically from the DHCP server.	5/25/2012
182	First paragraph, first line	Reads: ...first three octets... Should read: ...network ID octets…	5/25/2012

Page	Location	Description	Date corrected
193	"Mail Exchanger Resource Records" section, second paragraph	Second sentence reads: ...a preference value... Should read: ...a Mail Server Priority value... Fourth sentence reads: ...lowest preference value... Should read: ...lowest Mail Server Priority value…	9/7/2012
194	"Real world " section, first sentence	Reads: ...the preference value... Should read: ...the Mail Server Priority value…	9/7/2012
194	Note reader aid	Reads: In a reverse lookup zone, the last octet of an IPv4 address is equivalent to a host name. Should read: In a reverse lookup zone, the host ID portion of an IPv4 address is equivalent to a host name.	5/25/2012
195	"Enabling DNS to Use WINS Resolution" section, second paragraph, first sentence	Reasd: ...(cache, local zone data, queries to other servers)... Should read: ...(local zone data, cache, queries to other servers)…	11/18/2011
196	"Enable Aging" section, first sentence	Reads: To enable aging for a particular zone, you have to enable this feature both at the server level and at the zone level. Should read: To enable aging for a zone, you have to enable this feature either at the server level or at the zone level.	11/18/2011
208	First bulleted item	The following sentence should be added to the end of the first bulleted item: This setting is required for compatibility with Windows 2000 Server domain controllers because Windows 2000 Server does not support directory partitions.	5/25/2012
208	First bulleted item	Reads: To All Domain Controllers In This Domain Should read: To All Domain Controllers In This Domain (For Windows 2000 Compatibility)	11/18/2011

Page	Location	Description	Date corrected
216	First bulleted item	Reads: By regularly updating a stub zone for one of its child zones, the DNS server that hosts both the parent zone and the stub zone will maintain a current list of authoritative DNS servers for the child zone. Should read: In a delegation scenario, a stub zone helps a parent zone stay up-to-date about the authoritative name servers for a delegated (child) subdomain.	11/18/2011
222	Question 1, answer choice D	Reads: uk.edu.nwtraders.msft Should read: uk.eu.nwtraders.msft	5/25/2012
228	Figure 3-39 label	Reads: Local DNS client Should read: Local DNS server	9/9/2011
236	Table 3-1, Third row, second column and fourth row, first column	Reads: rshsha1 Should read: rsasha1	5/25/2012
241	Second paragraph, first sentence	Reads: Then, in the text box to t left of the drop-down list, type in the... Should read: Then, in the text box to the right of the drop-down list, type in the…	9/9/2011
244	Bullet item 1	Reads: While you are logged on to Nwtraders.msft as a domain administrator.... Should read: While you are logged on to Nwtraders.msft from Dcsrv1 as a domain administrator…	9/9/2011

Page	Location	Description	Date corrected
256	last paragraph	Reads: If the DHCP client shuts down normally, or if an administrator runs the command Ipconfig /release, the client sends a DHCP Release message to the DHCP server that assigned the IP address. The DHCP server then marks the IP address as available and can reassign it to a different DHCP client. Should read: If an administrator runs the command Ipconfig /release, the client sends a DHCP Release message to the DHCP server that assigned the IP address. If the DHCP client does not request a DHCP release, the DHCP server will not assign the IP address to a different client until the DHCP lease expires.	11/18/2011
262	Fifth bullet point and Figure 4-8	Reads: a lease duration of six days Should read: a lease duration of eight days	9/9/2011
274	Exam Tip	Reads: you should define the scope at the server level Should read: you should define the option at the server level	9/9/2011
282	Second paragraph, first sentence.	Reads: for computers not running Windows or Windows NT Should read: for computers running Windows NT or not running Windows at all	7/12/2013
287	Lesson Review Question 2. possible answer B.	Reads: B. start /w ocsetup DHCPServer Should read: B. start /w ocsetup DHCPServerCore	9/9/2011
290	"Configure DHCP" section, third paragraph in bulleted item	Reads: Use Iponfig /renew to... Should read: Use Ipconfig /renew to...	9/9/2011
293	First paragraph	The following sentence should be added to the end of the paragraph: In this example, all networks are class C with a subnet mask of 255.255.255.0.	12/2/2011

Page	Location	Description	Date corrected
296	under NOTE OSPF	Reads: Earlier versions of Windows supported the Open Shortest Path First (OSPF) routing protocol, which has been removed from Windows Server 2008 R2. Should read: Earlier versions of Windows supported the Open Shortest Path First (OSPF) routing protocol, which has been removed from Windows Server 2008 and Windows Server 2008R2.	12/2/2011
300	line before Static Routing title	Reads: select Persistent Connection and click OK. Should read: on the Options tab, select Persistent Connection and click OK.	12/2/2011
302	IPv4Route Table, third row, third column	Reads: 192.168.2.102 Should read: 192.168.2.1	11/22/2013
303	Last line	Reads: 192.168.2.102 Should read: 192.168.2.1	11/22/2013
304	Third and fourth paragraphs	Reads: 192.168.2.102 Should read: 192.168.2.1	11/22/2013
357	First paragraph, seventh line	Reads: The RADIUS proxy could then determine which domain's RADIUS proxy to forward the request to. Should read: The RADIUS proxy could then determine which domain's RADIUS server to forward the request to.	12/2/2011
374-376, 380, and 381	various	On all these pages, all references (including in Figure 7-7) that read: 192.168.0 Should read: 192.168.137 And on all these pages, all references that read: 192.168.0.0/24 Should read: 192.168.137.0/24	12/2/2011

Page	Location	Description	Date corrected
375	Sixth paragraph	Reads: Enabling ICS does not change the configuration of the Internet network interface, but it does assign the IP address 192.168.0.1 to the intranet network interface. Additionally, the computer will now respond to DHCP requests on the intranet interface only and assign clients IP addresses in the range 192.168.0.0/24. All clients will have 192.168.0.1 (the private IP address of the ICS computer) as both their default gateway and the preferred DNS server address. Should read: Enabling ICS does not change the configuration of the Internet network interface, but it does assign the IP address 192.168.137.1 to the intranet network interface. Additionally, the computer will now respond to DHCP requests on the intranet interface only and assign clients IP addresses in the range 192.168.137.0/24. All clients will have 192.168.137.1 (the private IP address of the ICS computer) as both their default gateway and the referred DNS server address.	12/2/2011
380	"Lesson Summary" section, second bulleted item	Reads: ICS allows you to enable NAT on a server with just a few clicks. However, configuration options are very limited. For example, the internal interface must have the IP address 192.168.0.1. Additionally, you cannot use the DHCP Server role built into Windows Server 2008; instead, you must use the DHCP server component built into ICS. Should read: ICS allows you to enable NAT on a server with just a few clicks. However, configuration options are very limited. For example, the internal interface must have the IP address 192.168.137.1. Additionally, you cannot use the DHCP Server role built into Windows Server 2008; instead, you must use the DHCP server component built into ICS.	12/2/2011
386	Step 6	Reads: if you want the VPN server... Should read: if you want the dial-up server…	12/2/2011
388	Figure 7-12, all instances	Reads: VPN Client Should read: Dial-up Client Reads: VPN Server Should read: Dial-up Server	12/2/2011

Page	Location	Description	Date corrected
391	Secure Socket Tunneling Protocol (SSTP)	Reads: SSTP is supported only by Windows Server 2008 (as a VPN server or client) and Windows Vista with Service Pack 1 (as a VPN client). Should read: SSTP is supported only by Windows Server 2008 and Windows Server 2008 R2 (as a VPN server or client) and Windows Vista with Service Pack 1 and Windows 7 (as a VPN client).	12/2/2011
392	Step 7, second sentence	Reads: if you want the dial-up server... Should read: if you want the VPN Server…	9/9/2011
394	" Configuring VPN Reconnect " section, second paragraph	The following sentence should be removed: Windows Server 2003, Windows Server 2008, and Windows Server 2008 R2 all support this protocol by default.	5/25/2012
396	Step 2	Reads: In Server Manager, select Roles\Policies\Network Policies Should read: In Server Manager, select Roles\Network Policy and Access Service\NPS\Policies\Network Policies	11/22/2013
402	Exercise 1, step 1	The following new paragraph should be added after the first step 1 paragraph: On the Dial-in tab of the user's properties dialog box, select the Allow Access option in the Network Access Permission group. In the real world, you should leave Control Access Through NPS Network Policy selected and create a new access policy to allow the VPN users group.	11/30/2012
404	Lesson Summary, third bulleted item	Reads: SSTP is supported only by Windows Vista and Windows Server 2008 Should read: SSTP is supported by Windows Vista with Service Pack 1, Windows 7, Windows Server 2008, and Windows Server 2008 R2	12/2/2011
407	Figure 7-17 and 7-18	The images but not the captions for Figure 7-17 and Figure 7-18 should be swapped.	12/2/2011
407-408	Figures 7-17 and 7-18	The laptop icon on the left of the figures should be changed so that the label reads "DirectAccess client" instead of "DirectAccess server". The icon in the center should remain labeled "DirectAccess server".	9/9/2011
414	under Practice Configuring DirectAccess	Reads: DCSRV1 will be the DirectAccess server. Should read: DCSRV1 will be the domain controller.	5/25/2012

Page	Location	Description	Date corrected
417	Step 9	Reads: crld.nwtraders.msft Should read: nls.nwtraders.msft	5/25/2012
418	Exercise 3, point 2	Reads: da.contoso.com Should read: da.nwtraders.msft	5/25/2012
418	Exercise 3, step 2d	Reads: \Personal\Certificates Should read: \Personal	11/22/2013
419	Step 5a.	Should read: Now you will publish the CRL by following these steps on DCSRV1	11/22/2013
420	Step h.	Reads: nls.contoso.com Should read: nls.nwtraders.msft	9/9/2011
430	Second bulleted item	Reads: A computer named Boston that is a member of the Nwtraders.msft domain. Should read: A computer named Hartford that is running Windows 7 Professional, Enterprise, or Ultimate, and is a member of the Nwtraders.msft domain. You must use Windows 7 because Windows Server 2008 R2 does not support the Windows Security Health Validator.	9/7/2012
439	Second paragraph, after the steps about enabling login	Reads: 4 KB Should read: 4 MB	11/30/2012
449	Quick Check Answers	Reads: IPsec connection security, DHCP, and VPN enforcement do not require support from your network infrastructure. Should read: IPsec connection security, DHCP, VPN and Remote Desktop Gateway enforcement do not require support from your network infrastructure.	5/25/2012
451	Bottom of page, step 7, second bulleted item	Reads: Configure Virtual LANs (VLANs) Should read: Configure Traffic Controls	5/25/2012

Page	Location	Description	Date corrected
476-480	Various	All instances of "Boston" should be changed to "Hartford."	9/7/2012
479	First line	Reads: Select the Computer Configuration\Policies\Windows Settings\System Services node Should read: Select the Computer Configuration\Policies\Windows Settings\Security Settings\System Services node	12/2/2011
523	Using Event Viewer section, third bullet	Reads: • Setup Contains events generated while installing and updating Windows. Should read: • Setup Contains events generated while installing and updating Windows and when installing or removing roles and features.	9/7/2012
526	"Configuring Event Forwarding " section, third paragraph	Reads: First, you must start the following services on both the forwarding and collecting computer: * Windows Remote Management * Windows Event Collector Should read: On the forwarding computer, start the Windows Remote Management service. On the collecting computer, start both the Windows Remote Management service and the Windows Event Collector service.	5/25/2012
526	Bottom of page, Note reader aid	Reads: NOTE Forwarding events from Windows XP and Windows Server 2003 Before computers running Windows XP or Windows Server 2003 can act as forwarding computers, you must install WS-Management 1.1…. Should read: Before computers running Windows XP or Windows Server 2003 can act as forwarding computers, you must install WS-Management 1.1 and either Windows XP Service Pack 2 or Windows Sever 2003 Service Pack 1 or later…	5/25/2012

Page	Location	Description	Date corrected
549	Fourth paragraph, second 'Logman' command	Reads: From a script you could import and then run the data collector set by running the following commands: logman export "Contoso Performance" -xml "Contoso Performance Dataset.xml" logman start "Contoso Performance" ' Should read: From a script you could import and then run the data collector set by running the following commands: logman import "Contoso Performance" -xml "Contoso Performance Dataset.xml" logman start "Contoso Performance" '	11/22/2013
583	Exercise 1, step 3; Exercise 3, step 1	Exercise 1, step 3: Reads: 3. Create a domain user account named DRA and make the account a member of the Domain Admins group. Should read: 3. Create two domain user accounts named DRA and NotDRA, and make the accounts a member of the Domain Admins group. Exercise 3, step 1: Reads: 1. On Dcsrv1, log on using the Administrator account. This account has administrative privileges to Dcsrv1, but it is not configured as a DRA. Should read: 1. On Dcsrv1, log on using the NotDRA account. This account has administrative privileges to Dcsrv1, but it is not configured as a DRA.	9/9/2011
590	"Configuring Disk Quotas at a Command Prompt or Script" section	Reads: You can use the DirQuota command to configure disk quotas at the command prompt or from a script. Should read: You can use the DirQuota command to configure quotas at the command prompt or from a script.	9/7/2012
601	Bullet list formatting	The first three bullet list items should be indented.	5/25/2012
606	First line	Reads: If you choose Only The Files And Programs That Users Specify Are Available Offline, users must configure mapped drives for use with Offline Files. Should read: If you choose Only The Files And Programs That Users Specify Are Available Offline, users must configure mapped drives for use with Offline Files if they want to access files while offline.	9/7/2012

Page	Location	Description	Date corrected
611	Between steps 7 and 8	Please insert the following after step 7: 8. If the Credentials page appears, click Select and provide provide Domain Admin credentials. Click Next. Then renumber the remaining steps.	5/25/2012
611	Exercise 2, first sentence	Reads: Add a replicated folder to the DFS namespace by following these steps: Should read: Add a server to the DFS namespace by following these steps:	5/25/2012
640	Adding Printer Drivers	Reads: You should install drivers for all client platforms you intend to support so that clients can automatically download and install the printer the first time they connect. Should read: You should install drivers for all client platforms you intend to support so that clients can automatically download the driver and install the printer the first time they connect.	5/25/2012
669	Penultimate sentence on page	Reads: a DHCPv6 client to obtain Should read: a DHCPv6 client not to obtain	9/7/2012
685	Question 3, answer B explanation	Reads: This filter would show only HTTP communications from the IP address 192.168.10.1 Should read: This filter would show only HTTP communications from the IP address 192.168.10.12.	9/9/2011