

NO FRILLS Exam Prep Books

Intellectual Properties, Trademarks and Copyrights

ExamREVIEW.NET (a.k.a. ExamREVIEW) is an independent content developer not associated/affiliated with the certification vendor(s) mentioned throughout this book. The name(s), title(s) and award(s) of the certification exam(s) mentioned in this book are the trademark(s) of the respective certification vendor(s). We mention these name(s) and/or the relevant terminologies only for describing the relevant exam process(es) and knowledge.

We are NOT affiliated with Microsoft. This book is also NOT endorsed by Microsoft. The MTA exams are the property of Microsoft. Windows Server is the trademark of Microsoft.

ExamREVIEW(TM) and ExamFOCUS(TM) are our own trademarks for publishing and marketing self-developed examprep books worldwide. The EXAMREVIEW.NET web site has been created on the Internet since January 2001. The EXAMFOCUS.NET division has its web presence established since 2009.

Copyright 2012, 13. ExamREVIEW.NET. All rights reserved.

Contents of this book are fully copyrighted. We develop study material entirely on our own. Braindump is strictly prohibited. We provide essential knowledge contents, NOT any generalized "study system" kind of "pick-the-right-answer-every time" techniques or "visit this link" referrals.

Contents Update

All books come with LIFE TIME FREE UPDATES. When you find a newer version of the purchased book all you need to do is to go and download. **Please check our web site's Free Updates section regularly:**

http://www.examreview.net/free_updates.htm

Page Formatting and Typeface

To accommodate the needs of those with weaker vision, we use LARGER PRINT throughout the book whenever practical. The text in this book was created using Garamond (size 16). A little bit of page resizing, however, may have happened along the actual book printing process.

The Exams

The Microsoft Technology Associate MTA certification is an entry-level certification which serves as a good starting point for students and educators who may eventually progress to the Microsoft Technology Specialist MCTS

or higher programs. Simply put, it assesses the foundational knowledge necessary to pursue MCTS, MCITP or MCPD certifications.

The certification focuses more on knowledge and a little less on skills. However, the knowledge areas are all based on MS products so you must know those products inside and out. Questions on the general knowledge are relatively easy. Product and technology specific technical questions, however, are way more difficult. This is why we developed this study product - we focus on those difficult topics that involve difficult technical skills. We want you to be able to answer these difficult questions and secure exam success accordingly. Exam 98-366: Networking Fundamentals deals with the basics of Windows networking. Exam 98-367: Security Fundamentals is designed to provide candidates with an assessment of their knowledge of fundamental security concepts. Both exams share many common knowledge topics so it makes sense to study both together.

We give you knowledge information relevant to the exam specifications. To be able to succeed in the real exams, you'll need to apply your earned knowledge to the question scenarios. **To succeed in the exams, you need to read as many reference books as possible. There is no single book that can cover everything!**

You should also download the evaluation copy of Windows Server 2008 and play with it. You can use it for free for max 240 days. You should download the ISO image file and burn a DVD disc out of it, then perform installation accordingly.

Download Center

Products Categories Security Support



Windows Server 2008 Enterprise



Quick links

- ↓ Overview
- ↓ System requirements
- ↓ Instructions
- ↓ Additional information

Looking for support?



Visit the Microsoft Support site now >



Click here for a free trial

Windows Server 2008 helps IT professionals to increase the flexibility and reliability of their server infrastructure while offering developers a more robust web and applications platform for building connected applications and services.

Quick details

Version:	1.0	Date published:	1/27/2009
Change language:	English		

Files in this download

The links in this section correspond to files available for this download. Download the files appropriate for you.

File name	Size	
6001.18000.080118-1840_amd64fre_Server_en-us-KRMSFRE_EN_DVD.iso	2.5 GB	DOWNLOAD
6001.18000.080118-1840_x86fre_Server_en-us-KRMSFRE_EN_DVD.iso	1.8 GB	DOWNLOAD

Although there is a VHD version available, we do not recommend that you use it for testing. There are some complicated steps involved which may not always go as smooth.

Download Center

Products Categories Security Support



Windows Server 2008 R2 Evaluation Virtual Hard Drive Images for Hyper-V (180 Days)



Quick links

- ↓ Overview
- ↓ System requirements
- ↓ Instructions
- ↓ Additional information

Looking for support?



Visit the Microsoft Support site now >



Closing deals by videoconference.

[Begin your free trial](#)

Microsoft

Windows Server 2008 R2 Evaluation Enterprise Edition and Server Core Virtual Hard Drive Images for Hyper-V

Quick details

Version:	1	Date published:	8/11/2009
Language:	English		

Files in this download

The links in this section correspond to files available for this download. Download the files appropriate for you.

File name	Size	
Windows Server 2008 R2 Enterprise Evaluation (Full Edition).exe	2.0 GB	DOWNLOAD
Windows Server 2008 R2 Enterprise Evaluation (Full Edition).part01.exe	500.0 MB	DOWNLOAD
Windows Server 2008 R2 Enterprise Evaluation (Full Edition).part02.rar	500.0 MB	DOWNLOAD
Windows Server 2008 R2 Enterprise Evaluation (Full Edition).part03.rar	500.0 MB	DOWNLOAD
Windows Server 2008 R2 Enterprise Evaluation (Full Edition).part04.rar	500.0 MB	DOWNLOAD

Table of Contents (MTA Exams)

<u>INTELLECTUAL PROPERTIES, TRADEMARKS AND COPYRIGHTS</u>	1
<u>CONTENTS UPDATE</u>	2
<u>PAGE FORMATTING AND TYPEFACE</u>	2
<u>THE EXAMS</u>	2
<u>WINDOWS BASED NETWORKING & SECURITY FEATURES</u>	8
OVERVIEW	8
SERVER ROLES	9
VIRTUALIZATION	10
CLOUD COMPUTING	11
LOAD BALANCING	12
NETWORK INFRASTRUCTURE AND BASIC WINDOWS NETWORKING	12
OPEN SYSTEM INTERCONNECT	14
ROUTING AND SWITCHING	15
IP ADDRESSING	16
IP SUBNETTING	19
DNS	20
WIRELESS BASED LOCAL AREA NETWORKING	22
WAN NETWORKING	24
SECURITY PLANNING	25
POINTS OF FAILURE AND PHYSICAL SECURITY	28
ACCOUNTS AND PASSWORD MANAGEMENT	30
DISASTER RECOVERY PLANS FOR SERVERS	32
SERVICE PACKS AND PATCHES	34
SERVER MANAGEMENT UI	35
MANAGING SERVICES	36
GROUP POLICY AND LOCAL POLICY	40
SOFTWARE RESTRICTIONS	42
APPLOCKER	45
RUNNING A PROGRAM AS AN ADMINISTRATOR	47

ADMINISTRATOR ACCOUNT	48
<u>NETWORK SETTINGS, SECURITY AND REMOTE/MOBILE ACCESS</u>	
.....	52
NETWORK LOCATION.....	52
IP v4 AND v6.....	53
NETWORK SHARING AND DISCOVERY	54
FILE AND PRINT SERVICES.....	56
NAME RESOLUTION	58
COMMAND LINE NETWORKING TOOLS	59
WINDOWS FIREWALL AND IP SECURITY POLICY	61
IPSEC AND SSL	66
DISK BASED ENCRYPTION.....	66
FIREWALL SECURITY.....	67
VIRUS SECURITY	68
WEB SERVER SECURITY.....	68
NAME RESOLUTION SECURITY	69
REMOTE MANAGEMENT	69
FOLDER REDIRECTION AND OFFLINE ACCESS	72
DIRECTACCESS, REMOTE ACCESS AND ROUTING	74
BRANCHCACHE	79
BITLOCKER.....	80
<u>SECURITY THREATS</u>	86
MALWARE	86
VIRUSES AND WORMS.....	86
SPYWARE.....	87
TROJAN HORSE	87
KEYSTROKE LOGGER	88
SOFTWARE FLAWS.....	88
SNIFFING, EAVESDROPPING AND FOOTPRINTING	89
DoS AND DDoS	90
SOCIAL ENGINEERING	91
IDENTITY THEFT	92
BACKDOORS AND ROOTKITS	92

OTHER VULNERABILITIES	94
P3P	94
DATABASE SPECIFIC RISKS	95
CONCEALING HARD DISK DATA	97
 <u>SYSTEM MONITORING</u>	<u>101</u>
EVENT VIEWER	101
RESOURCE MONITORING.....	105
 <u>USER MANAGEMENT</u>	<u>108</u>
SHARED FOLDERS	108
USERS AND GROUPS	108
 <u>CONFIGURING DNS, DHCP AND WINS.....</u>	<u>113</u>
NAMING GUIDELINES.....	113
THE DNS MANAGER.....	114
SETTING UP DHCP AND WINS	122
 <u>SETTING UP CERTIFICATE SERVICES.....</u>	<u>130</u>
BASIC CONCEPTS.....	130
BASIC SETUP.....	131
 <u>SETTING UP ACTIVE DIRECTORY.....</u>	<u>139</u>
BASIC CONCEPTS OF AD	139
INSTALLING A DOMAIN CONTROLLER AND CHANGING THE FUNCTIONAL LEVEL	139
ROLES AND OPERATION MASTERS	149