

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 When you find a newer version of the purchased book all you need to do is to go and download.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 Exam

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 98-365: Windows Server Administration Fundamentals is all about Windows Server 2008. Topics covered include:

- Understanding Server Installation
- Understanding Server Roles
- Understanding Active Directory
- Understanding Storage
- Understanding Server Performance Management
- Understanding Server Maintenance

This ExamFOCUS book focuses on the more difficult topics that will likely make a difference in exam results. The book is NOT intended to guide you through every single official topic. **You should therefore use this book together with other reference books for the best possible preparation outcome.** You should 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
Change language: English ▾

Date published: 1/27/2009

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-KRMSXFRE_EN_DVD.iso	2.5 GB	DOWNLOAD
6001.18000.080118-1840_x86fre_Server_en-us-KRMSFRE_EN_DVD.i50	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
Language: English

Date published: 8/11/2009

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 Exam)

<u>INTELLECTUAL PROPERTIES, TRADEMARKS AND COPYRIGHTS.....</u>	1
<u>CONTENTS UPDATE</u>	2
<u>PAGE FORMATTING AND TYPEFACE.....</u>	2
<u>THE EXAM</u>	2
<u>OVERVIEW OF SERVER & NETWORK PLANNING, TUNING AND MAINTENANCE.....</u>	8
OVERVIEW	8
SERVER ROLES	9
WINDOWS SERVER OPERATING SYSTEMS OVERVIEW	10
FILE SYSTEM AND PARTITIONS	14
SMP AND MULTI-CORE PROCESSORS.....	17
PROCESSORS AND LICENSING.....	18
64 BIT COMPUTING AND MEMORY SUPPORT	19
VIRTUALIZATION, HYPER-V AND LICENSING	20
CLOUD COMPUTING.....	21
HARDWARE CAPACITY PLANNING.....	22
STORAGE CAPACITY PLANNING.....	23
LOAD BALANCING.....	26
SERVER PERFORMANCE MONITORING, MAINTENANCE AND TUNING	27
SERVER TROUBLESHOOTING	30
SPECIAL CONSIDERATIONS	32
NETWORK INFRASTRUCTURE AND BASIC WINDOWS NETWORKING	32
OPEN SYSTEM INTERCONNECT	34
ROUTING AND SWITCHING	35
IP ADDRESSING	36
IP SUBNETTING	39
DNS.....	40
WIRELESS BASED LOCAL AREA NETWORKING	42
WAN NETWORKING	44
SECURITY PLANNING	45
DISASTER RECOVERY PLANS FOR SERVERS.....	47
SERVICE PACKS AND PATCHES.....	49

<u>OVERVIEW OF ADMINISTRATIVE TOOLS AND OTHER INTERFACES</u>	53
SERVER MANAGEMENT UI	53
MANAGING SERVICES.....	54
GROUP POLICY AND LOCAL POLICY.....	58
SOFTWARE RESTRICTIONS.....	61
APPLOCKER	63
RUNNING A PROGRAM AS AN ADMINISTRATOR	66
INTERNET EXPLORER 8.....	66
DEVICE MANAGER AND DEVICE INSTALLATION SETTINGS	69
CONFIGURING VHD	71
PARENT AND CHILD VHD	73
COMMAND LINE MANAGEMENT UTILITIES	74
 <u>SERVER 2008 R2 INSTALLATION AND CONFIGURATION</u>	 78
PRE-INSTALLATION PREP WORKS	78
ADMINISTRATOR ACCOUNT.....	79
MANUAL INSTALLATION VS UNATTENDED INSTALLATION.....	81
DISK PARTITIONING	84
DISM	86
WINDOWS PE AND WDS.....	88
INITIAL CONFIGURATION	89
THE SERVER MIGRATION TOOL.....	90
 <u>NETWORK SETTINGS, SECURITY AND REMOTE/MOBILE ACCESS.....</u>	 94
NETWORK LOCATION	94
IP v4 AND v6.....	95
NETWORK SHARING AND DISCOVERY.....	96
FILE AND PRINT SERVICES	98
NAME RESOLUTION.....	100
COMMAND LINE NETWORKING TOOLS.....	101
WINDOWS FIREWALL AND IP SECURITY POLICY	103
IPSEC AND SSL	108
DISK BASED ENCRYPTION	108
FIREWALL SECURITY	109
VIRUS SECURITY	110
WEB SERVER SECURITY	110
NAME RESOLUTION SECURITY	111

REMOTE MANAGEMENT.....	111
FOLDER REDIRECTION AND OFFLINE ACCESS	114
DIRECTACCESS, REMOTE ACCESS AND ROUTING	116
BRANCHCACHE.....	121
BITLOCKER.....	122
<u>SYSTEM MONITORING, PERFORMANCE MANAGEMENT AND MAINTENANCE</u>	
.....	128
EVENT VIEWER	128
PERFMON	133
RESOURCE MONITORING	136
POWER OPTIONS.....	137
VOLUME SHADOW COPY SERVICE	138
<u>USER MANAGEMENT AND BACKUP & RECOVERY</u>	142
SHARED FOLDERS	142
USERS AND GROUPS	142
BACKUP	146
RECOVERY OPTIONS.....	149
SAFE MODE AND LAST KNOWN GOOD CONFIGURATION	152
<u>SETTING UP ACTIVE DIRECTORY</u>	155
BASIC CONCEPTS OF AD	155
INSTALLING A DOMAIN CONTROLLER AND CHANGING THE FUNCTIONAL LEVEL.....	155
ROLES AND OPERATION MASTERS.....	165
CREATING NEW FOREST, NEW CHILD DOMAIN OR NEW DOMAIN TREE.....	167
CREATING NEW RESOURCES, OUs AND SITES.....	168
TRUSTS.....	170