

# Microsoft Operations Manager

A Complete Guide - 2020 Edition



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# Microsoft Operations Manager Guide

**Xin Chen**



## **Microsoft Operations Manager Guide:**

**How to Cheat at Managing Microsoft Operations Manager 2005** Anthony Piltzecker,2006-03-01 Microsoft

Operations Manager MOM is a network monitoring tool that provides enterprise class event and performance management for Windows Server System technologies MOM s event and performance management tools discover problems before system administrators would ever find them thereby enabling administrators to lower their costs of operations and simplify management of their Windows Server System infrastructure MOM can notify system administrators of overloaded processors depleted memory or failed network connections affecting their Windows servers long before these problems bother users Microsoft Operations Manager MOM 2005 delivers open and scalable enterprise class operational management by providing comprehensive event management proactive monitoring and alerting reporting and trend analysis and system and application specific knowledge and tasks to improve the manageability of Windows Server System environments including Windows Exchange SQL IIS Active Directory etc A users guide to Microsoft Operations Manager MOM enabling a cost reduction and simplification in managing your Windows Server System Infrastructure Companion Web site for book offers dozens of customized scripts and tools for automating MOM 2005 and many other Windows Server products There is no other compact resource like this for this core Microsoft Server product *Microsoft Operations Manager 2005 Unleashed* Kerrie Meyler,Cameron Fuller,Chris Amaris,2006 This book is your most complete source for in depth information about Microsoft Operations Manager 2005 Microsoft Operations Manager 2005 Unleashedprovides a comprehensive guide to Microsoft Operations Manager MOM 2005 MOM is a tool that helps implement operations management but it is not a piece of software that you can simply install and instantly have working This book provides reference material that will guide you through the steps to design deploy and configure MOM within your environment You learn how to tune your MOM environment and tackle common challenges such as managing your Microsoft operating systems directory services messaging platforms and databases Inside you will find comprehensive information on how to develop your own reports and management packs for your MOM environment as well as practical real world examples based on hands on MOM experience Plan your MOM deployment Architect MOM for performance redundancy and security Install or upgrade to MOM 2005 Back up important MOM components Implement troubleshoot deploy and manage management packs Work with rules and tune them Manage different aspects of your environment including the Windows operating system directory services Exchange email and SQL Server Extend MOM using connectors and third party management packs Develop management packs reports and scripts Prepare for the next version of Operations Manager CD ROM includes Microsoft s MOM 2005 Resource Kit and MOM 2005 Sizer MOM Agent Monitor Management packs and scripts written or customized for this book Live Links more than 100 clickable hypertext links and references to materials and sites related to Operations Manager Contents About the Authors xxi Acknowledgments xxiii Introduction 1 Part I Operations Management Overview and Concepts Chapter 1

Operations Management Basics 7 Chapter 2 What's New 41 Chapter 3 How Does It Work 57 Part II Planning and Installation Chapter 4 Planning Your MOM Deployment 99 Chapter 5 Planning Complex Configurations 151 Chapter 6 Installing MOM 2005 173 Chapter 7 Upgrading to MOM 2005 211 Part III Deploying MOM Chapter 8 Post Installation Tasks 237 Chapter 9 Installing and Configuring Agents 267 Chapter 10 Complex and High Performance Configurations 297 Chapter 11 Securing MOM 329 Part IV Administering MOM Chapter 12 Backup and Recovery 365 Chapter 13 Administering Management Packs 395 Chapter 14 Monitoring with MOM 423 Part V Managing with MOM Chapter 15 Managing the Operating System 487 Chapter 16 Managing Directory Services 527 Chapter 17 Managing Microsoft Messaging 565 Chapter 18 Database Management 595 Part VI Moving Beyond MOM 2005 Chapter 19 Interoperability 625 Chapter 20 Developing Management Packs 661 Chapter 21 Using and Developing Reports 719 Chapter 22 Using and Developing Scripts 777 Chapter 23 Touring Operations Manager 2007 825 Part VII Appendixes Appendix A MOM Internals 865 Appendix B Registry Settings 887 Appendix C Performance Counters 895 Appendix D Database Views 901 Appendix E Reference URLs 907 Appendix F On the CD 917 Index 919

**Essential Microsoft Operations Manager** Chris Fox, 2006 For system administrators ensuring that all Windows servers are performing optimally is a tall order. The larger the enterprise, the greater the chance for irritating time-consuming configuration problems. Sometimes you can determine the root cause of the problem yourself, but that's only if you're lucky. With Microsoft Operations Manager (MOM), the diagnosis is done for you. MOM monitors server operations and automatically notifies you of problems by sending an immediate alert to your console, email address, or pager. To help you better understand how MOM works, O'Reilly presents *Essential Microsoft Operations Manager*. The goal of this comprehensive tutorial is to give first-time MOM administrators a solid foundation for planning, implementing, and administering MOM. 2005 Author Chris Fox, a renowned MOM expert, offers the type of practical, real-world advice that you need to improve the performance of your IT infrastructure. After taking you through the entire process of setting up MOM on the network, the book moves on to more advanced administration issues. It carefully instructs you how to program and automate MOM and the agents that reside on the servers themselves. You'll also learn how to manage the scripts that determine which server agents are relevant to report. By capturing system data, intelligently analyzing it, and then notifying you with a suggested course of action, MOM makes extinguishing fires a breeze. And now, thanks to *Essential Microsoft Operations Manager*, learning how to use MOM is a breeze, too.

**Microsoft Operations Manager A Complete Guide - 2020 Edition** Gerardus Blokdyk, 2020-01-28 Is the Microsoft Operations Manager organization completing tasks effectively and efficiently? What are the timeframes required to resolve each of the issues/problems? Risk Identification: What are the possible risk events your organization faces in relation to Microsoft Operations Manager? Who will provide the final approval of Microsoft Operations Manager deliverables? Is the quality assurance team identified? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role in EVERY group/company.

organization and department Unless you are talking a one time single use project there should be a process Whether that process is managed and implemented by humans AI or a combination of the two it needs to be designed by someone with a complex enough perspective to ask the right questions Someone capable of asking the right questions and step back and say What are we really trying to accomplish here And is there a different way to look at it This Self Assessment empowers people to do just that whether their title is entrepreneur manager consultant Vice President CxO etc they are the people who rule the future They are the person who asks the right questions to make Microsoft Operations Manager investments work better This Microsoft Operations Manager All Inclusive Self Assessment enables You to be that person All the tools you need to an in depth Microsoft Operations Manager Self Assessment Featuring 951 new and updated case based questions organized into seven core areas of process design this Self Assessment will help you identify areas in which Microsoft Operations Manager improvements can be made In using the questions you will be better able to diagnose Microsoft Operations Manager projects initiatives organizations businesses and processes using accepted diagnostic standards and practices implement evidence based best practice strategies aligned with overall goals integrate recent advances in Microsoft Operations Manager and process design strategies into practice according to best practice guidelines Using a Self Assessment tool known as the Microsoft Operations Manager Scorecard you will develop a clear picture of which Microsoft Operations Manager areas need attention Your purchase includes access details to the Microsoft Operations Manager self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows your organization exactly what to do next You will receive the following contents with New and Updated specific criteria The latest quick edition of the book in PDF The latest complete edition of the book in PDF which criteria correspond to the criteria in The Self Assessment Excel Dashboard Example pre filled Self Assessment Excel Dashboard to get familiar with results generation In depth and specific Microsoft Operations Manager Checklists Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books Lifetime Updates is an industry first feature which allows you to receive verified self assessment updates ensuring you always have the most accurate information at your fingertips System Center Operations Manager 2007 Unleashed Kerrie Meyler,Cameron Fuller,John Joyner,Andy Dominey,2008 This book is your most complete source for in depth information about Microsoft System Center Operations Manager 2007 System Center Operations Manager 2007 Unleashed is a comprehensive guide to System Center Operations Manager OpsMgr 2007 Like its MOM 2005 predecessor OpsMgr 2007 helps you implement operations management but with a far different and more holistic approach from MOM 2005 s focus on individual servers This book guides you through designing deploying and configuring OpsMgr 2007 You will find detailed information and hands on experience on topics such as estimating database sizes and designing redundant OpsMgr configurations You learn how to tackle challenges such as setting up ACS establishing client monitoring using and creating

synthetic transactions and distributed applications and developing management packs and reports Size your OpsMgr databases Architect for redundancy and performance Install or migrate to OpsMgr 2007 Secure OpsMgr Back up OpsMgr components Understand how monitors and rules work Manage different aspects including ACS client monitoring synthetic transactions and distributed applications Extend OpsMgr Develop management packs and reports CD ROM includes Database sizing spreadsheet Utilities management packs and reports Microsoft s best practices for rule and monitor targeting and PowerShell Cheat Sheet Live Links more than 200 hypertext links and references to materials connectors sites and newsgroups related to OpsMgr Contents Introduction 1 Part I Operations Management Overview and Concepts 1 Operations Management Basics 11 2 What s New 63 3 Looking Inside OpsMgr 97 Part II Planning and Installation 4 Planning Your Operations Manager Deployment 137 5 Planning Complex Configurations 203 6 Installing Operations Manager 2007 233 7 Migrating to Operations Manager 2007 277 Part III Moving Toward Application Centered Management 8 Configuring and Using Operations Manager 2007 303 9 Installing and Configuring Agents 369 10 Complex Configurations 425 11 Securing Operations Manager 2007 471 Part IV Administering Operations Manager 2007 12 Backup and Recovery 539 13 Administering Management Packs 593 14 Monitoring with Operations Manager 647 Part V Service Oriented Monitoring 15 Monitoring Audit Collection Services 739 16 Client Monitoring 797 17

**Start to Finish Guide to Microsoft Operations Manager 2005** John Roller,2006 Includes a foreword by Kirill Tatarinov Corporate Vice President Microsoft Corporation In the Start to Finish Guide to Microsoft Operations Manager 2005 Microsoft Product Technology Specialist John Roller clearly explains the installation configuration and administration of MOM 2005 He describes the MOM user interfaces including the Administrator Operator Reporting and Web Consoles Administration topics include e mail notifications Management Pack configuration creating rules and using maintenance mode Advanced topics include MOM security creating and customizing Management Packs and extending MOM to UNIX LINUX and network devices using eXc software *Microsoft Operations Manager 2005 Field Guide* Andy Dominey,Garry Meaburn,2006-10-31 Microsoft Operations Manager MOM allows administrators to troubleshoot and prevent problems in Microsoft server networks The text offers everything from a review of MOM 2005 architecture and internals to planning and deployment guidelines advanced troubleshooting and integration with popular management frameworks like Tivoli Appendices include custom upgrade guides The approach is strictly practical and real world based on the authors own experience The book is written for an audience familiar with MOM but not expert at administering it The solutions and troubleshooting tips are concise and to the point The chapters are standalone and can be referenced in any order

**Operations Management** Mark Hanna,W. Rocky Newman,2003 DON T JUST READ LEARN The activebook TM experience is an interactive online digital book that integrates multimedia resources with the textbook to greatly enhance student learning THE active book TM EXPERIENCE Uses the Web for what it s good at An activebook TM experience takes full advantage of the online environment Gearing Up quizzes highlight the chapter s central

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*Mastering System Center 2012 Operations Manager* Bob Cornelissen,Paul Keely,Kevin Greene,Ivan Hadzhiyski,Samuel M. Allen,Telmo Sampaio,2012-10-18 An essential guide on the latest version of Microsoft's server management tool Microsoft's powerful Mastering System Center 2012 Operations Manager introduces many exciting new and enhanced feature sets that allow for large scale management of mission critical servers This comprehensive guide provides invaluable coverage to help organizations monitor their environments across computers network and storage infrastructures while maintaining efficient and effective service levels across their applications Provides intermediate and advanced coverage of all aspects of Systems Center 2012 Operations Manager including designing planning deploying managing maintaining and scripting Operations Manager Offers a hands on approach by providing many real world scenarios to show you how to use the tool in various contexts Anchors conceptual explanations in practical application Mastering System Center 2012 Operations Manager clearly shows you how this powerful server management tool can best be used to serve your organization's needs

[Mastering System Center Operations Manager 2007](#) Brad Price,John Paul Mueller,Scott Fenstermacher,2007-12-17 If you're an IT professional you're busy enough trying to manage multiple systems and stay proactive with the technology demands of today's fast moving companies System Center Operations Manager 2007 is designed to make your life easier and this comprehensive book is your one stop gateway to it all With intermediate to advanced coverage this book gives you the information you need to deploy manage and maintain SCOM 2007 and use it to monitor your network

*Guide to TCP/IP* Laura Chappell,Ed Tittel,2006-08-14 This text provides a comprehensive look at TCP IP It includes coverage of the latest TCP IP stack implementations illustrating key skills with extensive hands on projects in depth case projects and review questions in each chapter

[BizTalk Server 2002 Design and Implementation](#) Xin Chen,2002-11-15 Chen's book provides everything developers need to know to build an end to end BizTalk solution with focus on BizTalk Server 2002

**HMSO Agency Catalogue** Great Britain. Her Majesty's Stationery Office,2005

[Operations Manual for Owners and Managers of Multi-unit Residential Buildings](#) Canada Mortgage and Housing

Corporation, Efficiency Engineering Inc, 2003 This manual provides multi unit residential building owners housekeeping and groundskeeping services structural mechanical and electrical maintenance utilities bills budgets monitoring energy conservation budgeting and financial control emergency lease administration hiring contractors and creating an organized filing system Copies of forms that can be used in various aspects of building administration are provided throughout Appendices include lists of property manager superintendent responsibilities a template for an emergency fire safety plan a sample tenant information package a master operational checklist a schedule of budget times required for various cleaning tasks and other supplementary information

**Microsoft® Operations Manager 2005 Unleashed** Cameron Fuller, Chris Amaris, 2007 Microsoft Operations Manager MOM has quickly become the premier tool for monitoring Windows based servers and networks and is a key piece of the Windows Server System While MOM is a powerful tool it is not a piece of software that one can simply install and have working instantly A successful implementation of MOM involves planning design and an understanding of how to utilize its management packs Until now there was very little information beyond the online documentation to guide IT Pros in their use of MOM At the last several TechEd conferences MOM has been one of the most popular session topics MOM 2005 Unleashed will be the most complete source of information available anywhere to IT pros on deploying managing and administering MOM The accompanying CD is packed with tools for managing MOM most of them created specifically for this book The authors conclude with a look ahead at the next version which will be so different that Microsoft has changed the name of the product to System Center Operations Manager

**The Stationery Office Agency Catalogue** Stationery Office (Great Britain), 2005 [MCSE/MCSA Implementing a Windows Server 2003 Network Infrastructure Study Guide \(Exam 70-291\)](#) Rory McCaw, Kenneth S. Lind, 2003 The only classroom based integrated study system for professional certification has been fully redesigned throughout find out not only what to study but how to study You ll get 100% complete coverage of all objectives for exam 70 291 hundreds of practice exam questions and hands on exercises

[Forthcoming Books](#) Rose Army, 2002 *Every Manager's Guide to Information Technology* Peter G. W. Keen, 1995 Explains modern business terms from activity based costing and benchmarking to Total Quality Management and virtual corporation

*Operations Management* Richard Schonberger, Edward M. Knod, 1994

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