



# Microsoft Exchange Server 2013 High Availability

Design a highly available Exchange 2013 messaging environment  
using real-world examples

Nuno Mota

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# Microsoft Exchange Server 2013 High Availability Mota Nuno

**Jonas Andersson**



## **Microsoft Exchange Server 2013 High Availability Mota Nuno:**

Microsoft Exchange Server 2013 High Availability Nuno Mota,2014-02-19 This book is a hands on practical guide that provides the reader with a number of clear scenarios and examples making it easier to understand and apply the new concepts Each chapter can be used as a reference or it can be read from beginning to end allowing consultants administrators to build a solid and highly available Exchange 2013 environment If you are a messaging professional who wants to learn to design a highly available Exchange 2013 environment this book is for you Although not a definite requirement practical experience with Exchange 2010 is expected without being a subject matter expert

**Lync Server Cookbook** Fabrizio Volpe,Alessio Giombini,Lasse Nordvik Wedø,António Vargas,2015-01-27 If you work with Lync on a daily basis or if you have to use a specific feature of Lync for a project this is the book for you For solutions architects technical consultants and administrators if you have a Lync deployment and you want to upgrade integrate secure or extend it to the cloud you can get valuable information from the recipes in this book

**Microsoft Exchange Server 2016 PowerShell Cookbook** Jonas Andersson,Nuno Mota,Mike Pfeiffer,2017-07-14 Make the most of PowerShell s features to manage all aspects of your Exchange Server 2016 environment About This Book Learn to integrate PowerShell with Exchange Server 2016 Write scripts and functions to run tasks automatically and generate complex reports with PowerShell Use these effective recipes to learn all popular and important Powershell scripts to manage tasks and avoid errors Who This Book Is For This book is for messaging professionals who want to build real world scripts with Windows PowerShell and the Exchange Management Shell You ll also find it indispensable if you re a network or systems administrator responsible for managing and maintaining Exchange Server 2016 What You Will Learn Master the new features and capabilities of PowerShell and Exchange Server 2016 Get to grips with the core PowerShell concepts Use simple PowerShell scripts and commands to get powerful results Generate detailed reports send the output of commands by email and schedule scripts to run automatically Import export and move mailboxes and delete messages from mailboxes using the command line Configure transport server settings such as mail relay tracking logs transport rules delivery reports and more Manage mailbox and public folders Monitor the health of an Exchange environment through built in cmdlets and other methods Integrate Exchange with Office Online Server Skype for Business Server and Exchange Online Office 365 In Detail We start with a set of recipes on core PowerShell concepts This will provide you with a foundation for the examples in the book Next you ll see how to implement some of the common exchange management shell tasks so you can effectively write scripts with this latest release You will then learn to manage Exchange recipients automate recipient related tasks in your environment manage mailboxes and understand distribution group management within the Exchange Management Shell Moving on we ll work through several scenarios where PowerShell scripting can be used to increase your efficiency when managing databases which are the most critical resources in your Exchange environment Towards the end you ll discover how to achieve

Exchange High Availability and how to secure your environment monitor the health of Exchange and integrate Exchange with Office Online Server Skype for Business Server and Exchange Online Office 365 By the end of the book you will be able to perform administrative tasks efficiently Style and approach This practical guide is packed with handy recipes to help you perform common administration tasks as well as complex tasks in Exchange Server without any hassle **Microsoft Exchange Server 2013 High Availability** Nuno Mota,2014 **Microsoft Exchange Server 2013 Inside Out Mailbox and High Availability** Tony Redmond,2013-09-15 With a focus on mailbox and high availability features this book delivers the ultimate in depth reference to IT professionals planning and managing an Exchange Server 2013 deployment Guided by Tony Redmond a Microsoft MVP and award winning author you will Understand major changes to Exchange Server architecture Get inside insights for planning your upgrade or deployment Examine the new web based Exchange admin center EAC Take a deep dive into configuring mailboxes distribution groups and contacts planning and managing the Managed Store database availability groups mailbox replication service compliance data leakage and data loss prevention site mailboxes modern public folders **Microsoft Exchange Server 2013 Unleashed** Rand Morimoto,Michael Noel,Guy Yardeni,Chris Amaris,Andrew Abbate,2012-11-27 Microsoft Exchange Server 2013 doesn't just add dozens of new features It integrates multiple technologies into a common unified communications system that can add value in many new ways Now five leading Exchange Server consultants help you deploy Exchange Server 2013 quickly and smoothly and then efficiently manage troubleshoot and support it for years to come More than a comprehensive authoritative reference Microsoft Exchange Server 2013 Unleashed presents hundreds of helpful tips and tricks based on the authors unsurpassed early adopter experience with Exchange Server 2013 in real production environments Carefully and thoroughly the authors explain what's new and different in Microsoft Exchange 2013 and guide you through architecting planning implementing and transitioning to your new Exchange Server environment They offer best practices for establishing solid Active Directory DNS fabric virtualization and PKI security environments to support Exchange implementing high availability and site resilience and much more You'll find expert discussions of security and compliance and uniquely practical and detailed coverage of day to day administration management maintenance and optimization The authors next turn to advanced platform integration helping you leverage the full benefits of linking Exchange Server SharePoint and Unified Messaging They conclude with a full section on Exchange Server's dramatically improved support for endpoint clients including Apple Android and Microsoft smartphones and tablets Detailed information on how to Use proven best practices to install Exchange Server 2013 from scratch or to upgrade from Exchange Server 2007 2010 Integrate Active Directory DNS fabric and virtualization with Exchange Server 2013 Implement certificate based Public Key Infrastructure PKI Plan deploy migrate to and support public folders Protect your users and organization with both policy based and content enforced security Design and implement message archiving retention and eDiscovery Administer optimize and document your Exchange Server 2013 environment

Architect all aspects of an integrated enterprise level Exchange Server 2013 environment Integrate Exchange Server with SharePoint Site Mailboxes Enterprise Search and more Leverage the robust Outlook client for Windows Mac Web tablet and mobile phones

**Managing the Store & DAG** Tony Redmond,2013-09-15 This content is a direct excerpt of Chapters 8 and 9 from the book Microsoft Exchange Server 2013 Inside Out Mailbox High Availability ISBN 9780735678583 This concise ebook is offered independently of the larger book for Exchange administrators seeking specific focused information on managing the Store and database availability groups DAG Directly excerpts Chapters 8 and 9 from the book Microsoft Exchange Server 2013 Inside Out Mailbox High Availability Offered as concise standalone content for Exchange professionals looking for narrowly focused reference or specific problem solving information on managing the Store and DAG Written by award winning author Tony Redmond MVP for Exchange Server *Pro Exchange Server 2013 Administration* Jaap Wesselius,2013-12-19 Pro Exchange Server 2013 Administration is your best in class companion for gaining a deep thorough understanding of Microsoft s powerful enterprise collaboration and communications server Author Jaap Wesselius is at your side as you administer every facet of Exchange Server 2013 revealing tips tricks and little known facts that will make your administration life simpler and more effective Along with revealing what s new in Exchange Server 2013 this well paced deeply engaging tutorial provides detailed deployment guidance for upgraders and migrators as well as for organizations entirely new to the Exchange platform The book details how all of the major Exchange components fit together from SMTP messages to all kinds of clients It also provides in depth configuration examples with an eye toward creating scalable reliable and secure installations Additionally this guide covers the tools and techniques for monitoring an Exchange environment and troubleshooting when things go wrong With Pro Exchange Server 2013 Administration you will Learn how to install Exchange Server fresh or upgrade from a previous version Get a comprehensive understanding of Exchange with thorough coverage of Mailbox server and Client Access server Understand the tools and techniques for configuring and managing your Exchange deployment to ensure scalability reliability efficiency and security Learn how to monitor your deployment and prepare for any problems and how to troubleshoot any problems that do arise What you ll learn A comprehensive set of best practices for administering Exchange Server 2013 on a daily basis A thorough understanding of new features How to design and deploy new Exchange 2013 servers and upgrade existing Exchange servers to Exchange 2013 Learn best practices for high availability and disaster recovery Understand the differences and similarities between Exchange on premise and Exchange Online Who this book is for Pro Exchange Server 2013 Administration is intended for mail system administrators and architects who design deploy and support messaging infrastructures that include Microsoft Exchange Table of Contents1 Introduction to Exchange 2013 2 Exchange 2013 Deployments 3 Coexistence and Migration 4 Client Access 5 Mailbox 6 Managing Exchange 2013 7 Backup Restore and Disaster Recovery 8 Monitoring Exchange 2013 9 Troubleshooting Exchange 2013 *Microsoft Exchange Server 2013* Nathan Winters,Neil Johnson,Nicolas Blank,2013-07-12 Get the

knowledge you need to deploy a top quality Exchange service The latest release of Microsoft s messaging system allows for easier access to e mail voicemail and calendars from a variety of devices and any location while also giving users more control and freeing up administrators to perform more critical tasks This innovative new field guide starts with key concepts of Microsoft Exchange Server 2013 and then moves through the recommended practices and processes that are necessary to deploy a top quality Exchange service Focuses on the Exchange ecosystem rather than just the features and functions of the Exchange product Focuses on scenarios facing real customers and explains how problems can be solved and requirements met Zooms in on both on premises deployments as well as Exchange Online cloud deployments with Office 365 Helps you thoroughly master the new version with step by step instruction on how to install configure and manage this multifaceted collaboration system Whether you re upgrading from Exchange Server 2010 or earlier installing for the first time or migrating from another system this step by step guide provides the hands on instruction practical application and real world advice you need

**MICROSOFT EXCHANGE SERVER 2013** TONY. REDMOND,2017 **Mastering Microsoft Exchange Server 2013** David Elfassy,2013-10-29 The bestselling guide to Exchange Server fully updated for the newest version Microsoft Exchange Server 2013 is touted as a solution for lowering the total cost of ownership whether deployed on premises or in the cloud Like the earlier editions this comprehensive guide covers every aspect of installing configuring and managing this multifaceted collaboration system It offers Windows systems administrators and consultants a complete tutorial and reference ideal for anyone installing Exchange Server for the first time or those migrating from an earlier Exchange Server version Microsoft Exchange Server 2013 is a messaging system that allows for access to e mail voicemail and calendars from a variety of devices and any location making it ideal for the enterprise With more than 21 000 copies of earlier editions sold this comprehensive guide offers systems administrators and consultants both a tutorial and a reference guide for installing and managing Exchange Server 2013 A team of Microsoft Certified Masters walks you step by step through planning and design installation administration and management maintenance and more Mastering Microsoft Exchange Server 2013 is the complete reference for planning installing and maintaining the most popular e mail server product available

**Compliance** Tony Redmond,2013-09-15 This content is a direct excerpt of Chapter 11 from the book Microsoft Exchange Server 2013 Inside Out Mailbox High Availability This concise ebook is offered independently of the larger book for those seeking specific focused information on compliance management and support in Exchange Server 2013 Directly excerpts Chapter 11 from the book Microsoft Exchange Server 2013 Inside Out Mailbox High Availability Offered as concise standalone content for Exchange professionals looking for narrowly focused reference or specific problem solving information on compliance issues and features Written by award winning author Tony Redmond MVP for Exchange Server

Microsoft Exchange Server 2013 Pocket Consultant Databases, Services, & Management William Stanek,2013-10-15 Portable and precise this pocket sized guide delivers ready answers for managing databases and services in Exchange Server

2013 Zero in on core tasks through quick reference tables instructions and lists You ll get the focused information you need to save time and get the job done whether at your desk or in the field Coverage includes Managing databases and availability groups Core database administration Compliance and role based access controls Managing mail flow Working with client access servers Managing mobile users Maintenance monitoring and queuing Backups and restorations **Microsoft**

**Exchange 2013 Cookbook** Michael Van Horenbeeck,Peter De Tender,2013-09-20 This book is a practical hands on guide that provides the reader with a number of clear step by step exercises Microsoft Exchange 2013 Cookbook is targeted at network administrators who deal with the Exchange server in their day to day jobs It assumes you have some practical experience with previous versions of Exchange although this is not a requirement without being a subject matter expert

**Mission-Critical Microsoft Exchange 2003** Jerry Cochran,2004-01-24 Mission Critical Microsoft Exchange 2003 provides a complete update of Cochran s Mission Critical Microsoft Exchange 2000 and complements Tony Redmond s new book the best selling Microsoft Exchange Server 2003 This book includes many of the same high availability topics as the first edition but also expands the coverage of storage technology server technology management and security The book meets the needs of an Exchange administrator or system implementer who is striving to maintain a production Exchange environment that delivers superior service levels high availability manageability and scalability with the lowest cost of ownership Gives lessons learned and other best practices from organizations that have successfully deployed Exchange Includes material on the forthcoming release of Exchange 2003 Offers advice from one of the most experienced storage practitioners

*Mastering Microsoft Exchange Server 2010* Jim McBee,David Elfassy,2010-12-21 A top selling guide to Exchange Server now fully updated for Exchange Server 2010 Keep your Microsoft messaging system up to date and protected with the very newest version Exchange Server 2010 and this comprehensive guide Whether you re upgrading from Exchange Server 2007 SP1 or earlier installing for the first time or migrating from another system this step by step guide provides the hands on instruction practical application and real world advice you need Explains Microsoft Exchange Server 2010 the latest release of Microsoft s messaging system that protects against spam and viruses and allows for access to e mail voicemail and calendars from a variety devices and any location Helps you thoroughly master the new version with step by step instruction on how to install configure and manage this multifaceted collaboration system Covers planning and design installation administration and management maintenance and more Install or update your Microsoft Exchange Server with this guide then keep it on hand for a comprehensive reference [Microsoft Exchange Server 2016 Administration](#)

**Guide** Edward Van Biljon,2020-07-07 Discover and work with the new features in Microsoft Exchange Server 2016 KEY FEATURES Deploy Exchange 2016 in a new environment or coexisting environment with a legacy version of Exchange Learn how to migrate your environment from Exchange 2010 or 2013 to Exchange 2016 Get familiar with Failover Cluster Manager as well as creating and managing Database Availability Groups DAG Learn how to migrate unified messaging using Microsoft

s guidelines DESCRIPTION This book is a handy guide on how you can use the features of Microsoft Exchange Server 2016 It begins with sharing the new features of Exchange 2016 and compares it with the previous versions This book will help you install Exchange 2016 and give you an in depth understanding of how to configure its server end to end to ensure its fully operational You will then go through the client connectivity protocols by configuring each one of them Later you will learn how to view create and configure Databases and Database Availability Groups Next you will perform migrations of Unified Messaging and also mailbox migrations in different ways in Exchange 2016 Lastly you will work with the new commands of Exchange Management Shell and Exchange Admin Center Towards the end you will go through the common issues in Exchange 2016 and learn how to fix them WHAT WILL YOU LEARN Learn how to configure all the Client connectivity protocols View Create and Configure Database and Database Availability Group Create Public folders and Migrating Public folders from earlier versions of Microsoft Exchange Understand the working of Exchange Management Shell and Exchange Admin Center Troubleshoot some common issues in Exchange 2016 WHO THIS BOOK IS FOR This book is for anyone interested in or using Microsoft Exchange 2016 It is also for professionals who have been using Microsoft Exchange 2013 and would like to get familiar with the new features of Exchange 2016 TABLE OF CONTENTS 1 Introduction to Exchange 2016 2 Installation of Exchange 2016 3 Post Configuration 4 Post Configuration Continued 5 Client Connectivity 6 Databases and Database Availability Groups 7 Public Folders 8 Unified Messaging 9 Migrations 10 Exchange Management Shell vs EAC 11 Troubleshooting common issues

### **Microsoft Exchange Server 2013 Powershell Cookbook** Jonas

Andersson,2013-05-22 This book is written in a Cookbook style format and provides practical immediately usable task based recipes that show you how to manage and maintain your Microsoft Exchange Server 2013 environment with Windows PowerShell 3 Each chapter of the book is written so that it can be used as a desktop reference or it can be read from beginning to end allowing you to build a solid foundation for building scripts in your Exchange environment This Cookbook is for messaging professionals who want to learn how to build real world scripts with Windows PowerShell 3 and the Exchange Management Shell If you are a network or systems administrator responsible for managing and maintaining Exchange Server 2013 you will find this highly useful Only basic knowledge of Exchange Server and PowerShell are required to make the most of this book *Exam Ref 70-342 Advanced Solutions of Microsoft Exchange Server 2013* Brian Reid,Steve Goodman,2015 Prepare for Microsoft Exam 70 342 and demonstrate your real world mastery of advanced Microsoft Exchange Server 2013 solution design configuration implementation management and support Designed for experienced IT professionals ready to advance Exam Ref focuses on critical thinking and decision making acumen needed for success at the MCSE level Focus on the expertise measured by these objectives Configure manage and migrate Unified Messaging Design configure and manage site resiliency Design configure and manage advanced security Configure and manage compliance archiving and discovery solutions Implement and manage coexistence hybrid scenarios migration and federation This Microsoft Exam Ref Organizes

its coverage by exam objectives Features strategic what if scenarios to challenge you Provides exam preparation tips written by two Exchange Server MVPs Assumes you have at least three years of experience managing Exchange Servers and have responsibilities for an enterprise Exchange messaging environment About the Exam Exam 70 342 is one of two exams focused on Microsoft Exchange Server 2013 skills and knowledge for moving to the cloud increasing user productivity and flexibility reducing data loss and improving data security About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Expert MCSE certification that proves your ability to build innovative solutions across multiple technologies both on premises and in the cloud Exam 70 341 and Exam 70 342 are required for MCSE Messaging Solutions Expert certification See full details at [microsoft.com/learning](http://microsoft.com/learning)      **Exam Ref 70-341** Paul E. Robichaux, Bhargav Shukla, 2015 The Exam Ref is the official study guide for Microsoft certification exams Featuring concise objective by objective reviews and strategic case scenarios and Thought Experiments exam candidates get professional level preparation for the exam The Exam Ref helps candidates maximize their performance on the exam and sharpen their job role skills It organizes material by the exam s objective domains Content covers Exam 70 341 Core Solutions of Microsoft Exchange Server 2013

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