

# Exchange 2013 Deployment Guide

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**Moving to Office 365** Matthew Katzer 2015-11-27 This book takes a concentrated look at the very latest best practices for Office 365 migration, with a focus on the needs of senior managers, IT managers, and others involved in key decisions when moving their business to the cloud. Based on popular chapters in his first book, Office 365: Migrating and Managing Your Business in the Cloud (Apress Open, co-authored with Don Crawford), author Matt Katzer revises and expands on his original material to bring you the latest guidance on planning methods, management best practices, personnel decisions, and migration and maintenance costs, along with brand new material on some of the most important and cutting-edge considerations when moving your business to the cloud: securing company data, and driving collaboration in the workplace. Topics covered include: The Office 365 cloud security model and best practices to apply when securing your business in the cloud Microsoft Office 365 operation and usage options for any size enterprise Proven methods for planning and minimizing disruption A step-by-step migration plan How to improve employee collaboration and productivity through use of Office 365's collaborative apps, including Excel, Outlook Web Access, OneDrive, and Skype for Business Office 365 site management advice for IT administrators and business owners Moving to Office 365 provides practical and planning guidance for business owners, and CIO/CTOs and IT managers who have responsibility for the IT needs of their business.

**Mastering Microsoft Lync Server 2010** Nathan Winters 2012-01-10 An in-depth guide on the leading Unified Communications platform Microsoft Lync Server 2010 maximizes communication capabilities in the workplace like no other Unified Communications (UC) solution. Written by experts who know Lync Server inside and out, this comprehensive guide shows you step by step how to administer the newest and most robust version of Lync Server. Along with clear and detailed instructions, learning is aided by exercise problems and real-world examples of established Lync Server environments. You'll gain the skills you need to effectively deploy Lync Server 2010 and be on your way to gaining all the benefits UC has to offer. Gets you up and running with Lync Server—whether you are migrating from Office Communications Server or new to Lync Server. Walks you through all of the essential stages for deploying Lync Server Shows integration with Microsoft Exchange Server and Microsoft SharePoint Server Demonstrates how to monitor, diagnose, and troubleshoot problems more efficiently Mastering Lync Server 2010 is a must-have resource for anyone looking to manage all the various forms of communication from one user interface.

**Microsoft Office 365 Administration Inside Out** Anthony Puca 2013-10-15 Conquer Microsoft Office 365 administration—from the inside out! Dive into Office 365 administration—and really put your systems expertise to work! This supremely organized reference packs hundreds of timesaving solutions, troubleshooting tips, and workarounds. Discover how the experts tackle deployment, configuration, and management—and challenge yourself to new levels of mastery. Simplify enterprise deployment with planning tools and tasks Automate Office 365 processes with Windows PowerShell Manage user identity with Active Directory and Single Sign-On Monitor and maintain the health of Office 365 with Microsoft System Center Implement Microsoft Exchange Online, SharePoint Online, and Lync Online Control variables in an Exchange Server hybrid implementation Customize and deploy Office 365 Professional Plus Explore real-world scenarios and apply insider management tips For Intermediate to Advanced IT Professionals

**Key Management Deployment Guide: Using the IBM Enterprise Key Management Foundation** Axel Buecker 2014-10-12 In an increasingly interconnected world, data breaches grab headlines. The security of sensitive information is vital, and new requirements and regulatory bodies such as the Payment Card Industry Data Security Standard (PCI-DSS), Health Insurance Portability and Accountability Act (HIPAA), and Sarbanes-Oxley (SOX) create challenges for enterprises that use encryption to protect their information. As encryption becomes more widely adopted, organizations also must contend with an ever-growing set of encryption keys. Effective management of these keys is essential to ensure both the availability and security of the encrypted information. Centralized management of keys and certificates is necessary to perform the complex tasks that are related to key and certificate generation, renewal, and backup and recovery. The IBM® Enterprise Key Management Foundation (EKMF) is a flexible and highly secure key management system for the enterprise. It provides centralized key management on IBM zEnterprise® and distributed platforms for streamlined, efficient, and secure key and certificate management operations. This IBM Redbooks® publication introduces key concepts around a centralized key management infrastructure and depicts the proper planning, implementation, and management of such a system using the IBM Enterprise Key Management Foundation solution.

**Implementing NetScaler VPX™** Marius Sandbu 2015-10-23 Implement the new features of Citrix NetScaler 11 to optimize and deploy secure web services on multiple virtualization platforms About This Book Learn how to design, set up, and deploy NetScaler VPX along with the new Jumbo frames in a virtual

environment using your GUI as well as your CLI for both public and private clouds to make all your web applications faster and more secure Enrich your networking skills utilizing the new features of AAA by following the instructions to optimize network traffic A step-by-step guide that will show you how to work with the latest NetScaler, 11, by implementing its new features using sample scenarios and real-world examples Who This Book Is For This book is for Citrix administrators who are just getting started with NetScaler, have some basic networking skills This book does not require prior experience of NetScaler. What You Will Learn Configure different VPN solutions and learn about ICA Proxy, Unified Gateway and SSL VPN Set up load balancing for SharePoint, Exchange, Lync, SQL and other Citrix components Gain insights into traffic management with NetScaler, Wireshark, and Citrix Insight Protect your web services with an application firewall, HTTP, DOS, and AAA Optimize traffic using front-end optimization, caching, and compression Deploy a high availability environment Use NetScaler in public cloud providers such as Azure or Amazon Advance your network knowledge of TCP and SSL optimization In Detail With a large demand for responsive websites and availability of services, IT administrators are faced with an ever-rising need for services that are optimized for speed. NetScaler VPX is a software-based virtual appliance that provides users with the comprehensive NetScaler feature set. Implementing apps and cloud-based services is much easier with its increased service performance and integrated security features. This book will give you an insight into all the new features that NetScaler VPX™ has to offer. Starting off with the basics, you will learn how to set NetScaler up and configure it in a virtual environment including the new features available in version 11, such as unified gateway and portal theme customization. Next, the book will cover how to deploy NetScaler on Azure and Amazon, and you will also discover how to integrate it with an existing Citrix infrastructure. Next, you will venture into other topics such as load balancing Microsoft and Citrix solutions, configuring different forms of high availability Global Server Load Balancing (GSLB), and network optimization. You will also learn how to troubleshoot and analyze data using NetScaler's extensive array of features. Finally, you will discover how to protect web services using an application firewall and will get to grips with other features such as HTTP, DOS, and AAA. Style and approach This easy-to-follow guide is full of detailed step-by-step-instructions on how to implement the key components in NetScaler, using real-world examples and sample scenarios.

**Office 365 Essentials** Nuno Árias Silva 2018-05-24 Leverage Office 365 to increase your organization's efficiency by managing users, domains, licenses, and much more in your organization with most powerful subscription software. Key Features Get acquainted with the basics of Office 365 Configure and manage workloads efficiently using Office 365 A comprehensive guide covering every aspect of planning, and managing this multifaceted collaboration system. Book Description Office 365 is suite of advanced collaboration tools used by many well known organizations and their system administrators. This book starts with an introduction to Office 365 and its basic fundamentals. Then we move towards workload management and deployment. You will delve into identities, authentications, and managing office 365. We also cover concepts such as collaboration with Microsoft teams and tools such as Delve and Skype for collaboration. Towards the end of the book, you'll master monitoring and security concepts. By the end of this book, you will have hands-on experience working with Office 365 and its collaboration tools and services What you will learn Learn how to implement Office 365 from scratch and how to use best practices to be a successful Office 365 professional Understand Microsoft productivity services to take your organization or business to the next level by increasing productivity. Learn how workloads and applications interact and integrate with each other Learn to manage Skype for Business Online Get support and monitor service health with Office 365 Manage and administer identities and groups efficiently Who this book is for If you are working as a system administration or an IT professional and are keen to learn the fundamentals of Office 365, then this book is for you. No prior knowledge of office 365 is necessary.

**Deployment Guide for InfoSphere Guardium** Whei-Jen Chen 2015-04-14 IBM® InfoSphere® Guardium® provides the simplest, most robust solution for data security and data privacy by assuring the integrity of trusted information in your data center. InfoSphere Guardium helps you reduce support costs by automating the entire compliance auditing process across heterogeneous environments. InfoSphere Guardium offers a flexible and scalable solution to support varying customer architecture requirements. This IBM Redbooks® publication provides a guide for deploying the Guardium solutions. This book also provides a roadmap process for implementing an InfoSphere Guardium solution that is based on years of experience and best practices that were collected from various Guardium experts. We describe planning, installation, configuration, monitoring, and administrating an InfoSphere Guardium environment. We also describe use cases and how InfoSphere Guardium integrates with other IBM products. The guidance can help you successfully deploy and manage an IBM InfoSphere Guardium system. This book is intended for the system administrators and support staff who are responsible for deploying or supporting an InfoSphere

Guardium environment.

**Mastering Microsoft Exchange Server 2016** Clifton Leonard 2016-09-23 A bestselling Exchange Server guide, updated for the 2016 release Mastering Microsoft Exchange Server 2016 is the gold-standard reference for system administrators and first-time users alike. Fully updated to align with the latest release, this expert-led guide provides comprehensive coverage and easy-to-follow tutorials for all aspects of Exchange Server installation, configuration, and management. Whether you're migrating from an earlier version or installing Exchange Server for the first time, this book gives you quick access to the answers you need. Step-by-step instructions walk you through planning and design, installation, administration and management, maintenance, and more, so you can get up to speed quickly and get back to work. With a focus on the hands-on details, the Microsoft Certified Masters author team provides practical insight and invaluable guidance on every aspect of Exchange Server 2016, from mastering the basics to leveraging new features. Microsoft Exchange allows access to e-mail, voicemail, and calendars at any time, from almost any device. The 2016 release is designed specifically to appeal to enterprises; if you've been tasked with the implementation, this guide has the information you need. Get up to speed with the latest changes and features Understand server configurations, requirements, installation, and migration Manage mailboxes, groups, connectivity, and the client access server Troubleshoot common issues efficiently and effectively Exchange Server 2016 shifts even more control to the user, freeing administrators to perform more critical tasks. Beefed-up architecture and more centralized functions have eased configuration and upgrades, and a robust cloud implementation is expected to draw enterprises sooner rather than later. Systems administrators need to become familiar with the latest changes, and Mastering Microsoft Exchange Server 2016 is the ultimate reference and tutorial. Microsoft Exchange 2013 Cookbook Michael Van Horenbeeck 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.

*Training Guide Administering Windows Server 2012 R2 (MCSA)* Orin Thomas 2014-05-12 Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on core infrastructure administration for Windows Server 2012 R2. Build hands-on expertise through a series of lessons, exercises, and suggested practices - and help maximize your performance on the job. This Microsoft Training Guide: Focuses on job-role-specific expertise for core infrastructure administration tasks Fully updated for Windows Server 2012 R2, including new practices Provides in-depth, hands-on training you take at your own pace Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-411 Topics include: Deploying and updating Windows Server 2012 R2 Managing account policies and service accounts Configuring name resolution Administering Active Directory Managing Group Policy application and infrastructure Configuring Group Policy settings and preferences Administering network policies Administering remote access Managing file services Monitoring and auditing Windows Server 2012 R2 **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.

**IBM Tivoli Directory Server for z/OS** Karan Singh 2011-07-07 This IBM® Redbooks® publication examines the IBM Tivoli® Directory Server for z/OS®. IBM Tivoli Directory Server is a powerful Lightweight Directory Access Protocol (LDAP) infrastructure that provides a foundation for deploying comprehensive identity management applications and advanced software architectures. This publication provides an introduction to the IBM Tivoli Directory Server for z/OS that provides a brief summary of its features and a examination of the possible deployment topologies. It discusses planning a deployment of IBM Tivoli Directory Server for z/OS, which includes prerequisites, planning considerations, and data stores, and provides a brief overview of the configuration process. Additional chapters provide a detailed discussion of the IBM Tivoli Directory Server for z/OS architecture that examines the supported back ends, discusses in what scenarios they are best used, and provides usage examples for each back end. The discussion of schemas breaks down the schema and provides guidance on extending it. A broad discussion of authentication, authorization, and security examines the various access protections, bind mechanisms, and transport security available with IBM Tivoli Directory Server for z/OS. This chapter also provides an examination of the new Password Policy feature. Basic and advanced replication topologies are also covered. A discussion on plug-ins provides details on the various types of plug-ins, the plug-in architecture, and creating a plug-in, and provides an example plug-in. Integration of IBM Tivoli Directory Server for z/OS into the IBM Workload Manager environment is also covered. This publication also provides detailed information about the configuration of IBM Tivoli Directory Server for z/OS. It discusses deploying IBM Tivoli Directory Server for z/OS on a single system, with examples of configuring the available back ends. Configuration examples are also provided for deploying the server in a

Sysplex, and for both basic and advanced replication topologies. Finally it provides guidance on monitoring and debugging IBM Tivoli Directory Server for z/OS. Atherosclerosis: New Insights for the Healthcare Professional: 2013 Edition 2013-07-22 Atherosclerosis: New Insights for the Healthcare Professional: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Diagnosis and Screening. The editors have built Atherosclerosis: New Insights for the Healthcare Professional: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Diagnosis and Screening in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Atherosclerosis: New Insights for the Healthcare Professional: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

**Microsoft Exchange Server 2013 Pocket Consultant** William Stanek 2013-08-15 Portable and precise, this pocket-sized guide delivers ready answers for administering configuration and clients 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: Deploying Exchange Server 2013 Administration essentials Using Exchange Management Shell Managing Exchange clients User and contact administration Mailbox administration Working with Distribution Groups and Address Lists Implementing security *Microsoft Exchange Server 2013 Inside Out Connectivity, Clients, and UM* Paul Robichaux 2013-10-15 With a focus on connectivity, clients, and unified messaging, this book delivers the ultimate, in-depth reference to IT professionals planning and managing an Exchange Server 2013 deployment. Guided by Paul Robichaux, a Microsoft MVP and popular author, you will: Understand how Exchange Server 2013 works with previous versions Gain expert insights into supporting clients, mobile devices, and UM Take a deep dive into front-end servers; certificate and namespace management; transport rules; load balancing; client management, including Microsoft Outlook, Outlook Web App (OWA), and POP3/IMAP4; mobile devices; anti-malware and anti-spam features; Unified Messaging; Microsoft Lync; Office 365; Exchange Online.

*Exchange 2010* Jaap Wesselius 2009 "Jaap's Practical Guide to Exchange Server 2010 draws upon all that experience to deliver an easy-to-use guide to this latest platform, full of useful examples and top tips for SysAdmins, both new and experienced"--Resource description page.

Microsoft Exchange Server 2010 Inside Out Tony Redmond 2010-11-24 Dive into Exchange Server 2010 and SP1—and discover how to really put your messaging solutions to work! This well-organized and in-depth reference packs all the details you need to deploy and manage Exchange 2010, including hundreds of timesaving solutions, expert tips, and workarounds. Topics include preparing for the deployment of Exchange 2010; new features of Service Pack 1; using Remote PowerShell and the Exchange Management Shell; understanding how the new Role Based Access Control (RBAC) permissions model works and how to customize it to your requirements; the new high availability model for the Exchange Store and how to approach designs for Database Availability Groups; using compliance features such as archive mailboxes, retention policies, and multi-mailbox discovery searches; the new role of the Client Access Server as the MAPI endpoint for Microsoft Outlook clients; the redesign of Outlook Web App (OWA) and the introduction of the Exchange Control Panel; and many more topics to ease the roll-out of Microsoft's latest messaging server.

**IBM SmartCloud: Building a Cloud Enabled Data Center** Pietro Iannucci 2013-05-21 Organizations are looking for ways to get more out of their already strained IT infrastructure as they face new technological and economic pressures. They are also trying to satisfy a broad set of users (internal and external to the enterprise) who demand improvements in their quality of service (QoS), regardless of increases in the number of users and applications. Cloud computing offers attractive opportunities to reduce costs, accelerate development, and increase the flexibility of the IT infrastructure, applications, and services. Infrastructure as a service (IaaS) is the typical starting point for most organizations when moving to a cloud computing environment. IaaS can be used for the delivery of resources such as compute, storage, and network services through a self-service portal. With IaaS, IT services are delivered as a subscription service, eliminating up-front costs and driving down ongoing support costs. IBM® has defined the Cloud Computing Reference Architecture (CCRA) based on years of experience of working with customers who have implemented cloud-computing solutions. The IBM CCRA is a blueprint or guide for architecting cloud-computing implementations. This IBM Redguide™ publication highlights the Cloud Enabled Data Center adoption pattern and describes how you can use it to define an IaaS solution. This guide is intended for chief technology officers, data center architects, IT architects, and application architects who want to understand the cloud-computing infrastructure necessary to support their applications and services by using an IaaS solution. It explains the technical and business benefits of a Cloud Enabled Data Center solution. It introduces a Cloud Enabled Data Center maturity model where each maturity level corresponds to an increase in the degree of automation and the cloud-computing capabilities that are available. In addition, this guide describes the architectural framework provided by the IBM CCRA and explains details about the Cloud Enabled Data Center adoption pattern.

**Microsoft Office 365 Administration Inside Out (Includes Current Book Service)** Darryl Kegg 2017-11-20 Conquer Microsoft Office 365 Administration—from the inside out! Dive into Microsoft Office 365 Administration—and really put your Office 365 expertise to work. This supremely organized reference packs hundreds

of timesaving solutions, tips, and workarounds—all you need to plan, implement, and operate Microsoft Office 365 in any environment. In this completely revamped Second Edition, a new author team thoroughly reviews the administration tools and capabilities available in the latest versions of Microsoft Office 365, and also adds extensive new coverage of Azure cloud services and SharePoint. Discover how experts tackle today’s essential tasks—and challenge yourself to new levels of mastery.

- Install, customize, and use Office 365’s portal, dashboard, and admin centers
- Make optimal decisions about tenancy, licensing, infrastructure, and hybrid options
- Prepare your environment for the cloud
- Manage Office 365 identity and access via federation services, password and directory synchronization, authentication, and AAD Connect
- Implement alerts and threat management in the Security & Compliance Center
- Establish Office 365 data classifications, loss prevention plans, and governance
- Prepare your on-premises environment to connect with Exchange Online
- Manage resource types, billing and licensing, service health reporting, and support
- Move mailboxes to Exchange Online via cutover, staged, and express migrations
- Establish hybrid environments with the Office 365 Hybrid Configuration Wizard
- Administer Exchange Online, from recipients and transport to malware filtering
- Understand, plan, and deploy Skype for Business Online

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**Microsoft Exchange Server 2013 Unleashed** Rand Morimoto 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

**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.

**Microsoft Exchange Server 2019 Administration Guide** Edward van Biljon 2021-04-14 Manage Exchange 2019 single-handed and empower your organization with secure communications

**KEY FEATURES**

- Uncover the latest features in Exchange Server 2019 and learn to make use of it.
- Expert techniques to manage databases, file management, and improve search.
- Cutting-edge coverage on MAPI and Exchange Management Shell (EMS).

**DESCRIPTION**

Prepare your environment so you can introduce Exchange Server 2019 or build a new environment from scratch and learn along the way. This guide will help the readers how to deploy Exchange 2019 and perform all the post administrative tasks like creating a certificate request that you can submit to an external source and completing this setup. You will learn how to configure your virtual directories to match the name on your certificate. You will also learn how to build your first Database Availability Group (DAG) or extend the Database Availability Groups in your environment to ensure you have high availability. You will learn how to perform mailbox moves from your existing Exchange environment or simply create new mailboxes for your users. You can do all your tasks using the

Exchange Management Shell (EMS) and learn about the new features of Exchange 2019 and the next version of Exchange. In this administration guide, you will learn about Exchange 2019, what is new, and what has been removed. You will learn how to deploy Exchange 2019, configure it and understand what is required to run in coexistence with Exchange 2013 or Exchange 2016. Lastly, you will learn how to work with the Exchange Management Shell compared to the Exchange Admin Center.

**WHAT YOU WILL LEARN**

- Learn how to install Exchange 2019 in a new environment and in a coexistence environment.
- Learn how to work with Database Availability Groups (DAG) and implement them.
- Learn how to perform migrations from Exchange 2013 or Exchange 2016 to Exchange 2019.

**WHO THIS BOOK IS FOR** This book is a go-to-guide for System Administrators, Windows Administrators, Network Administrators, System Engineers who plays key role in managing the infrastructure and support of the business communication throughout the company. Sound knowledge of email client and basic use of windows exchange server is expected to make the best use of this book.

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1. Introduction to Exchange 2019
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6. Databases and Database Availability Groups
7. Public Folders
8. Migrations
9. Coexistence with Exchange 2013/2016
10. Exchange Management Shell and Extras

**Mastering Microsoft Lync Server 2013** Keith Hanna 2013-05-15 Everything you need to know to get Lync 2013 up and running smoothly As a Unified Communications (UC) technology, Lync allows you to keep track of your contacts' availability so you can communicate with anyone, anywhere, and at any time. With this hands-on book, you will learn how to administer the newest and most robust version of Lync Server in order to send an IM; start or join an audio, video, or web conference; or make a phone call through a familiar interface. Packed with real-world exercises throughout, this unique resource encourages you to learn from the best practices and deployments of others so that you can benefit from their experiences. Walks you through designing and managing enterprise instant messaging and conferencing solutions Details how to configure voicemail, enterprise voice, dual-forking, and VoIP Teaches you how to automate management tasks Shares invaluable advice for monitoring, diagnosing, and troubleshooting problems Helps you understand SIP and authentication technologies With Mastering Microsoft Lync Server 2013, you'll gain the skills you need to effectively deploy Lync Server 2013 and be on your way to gaining all the benefits UC has to offer.

**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.

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1. 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
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**Exam Ref 70-341 Core Solutions of Microsoft Exchange Server 2013 (MCSE)** Paul Robichaux 2015-04-06 Prepare for Microsoft Exam 70-341—and help demonstrate your real-world mastery of the skills needed to deliver effective Microsoft Exchange Server 2013 solutions. Designed for experienced IT pros ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: Plan, install, configure, and manage the transport role Install, configure, and manage the mailbox role Plan, install, configure, and manage client access Design and manage an Exchange infrastructure This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Provides exam preparation tips written by Exchange Server MVPs Assumes you have significant experience managing Exchange Server in an enterprise messaging environment

**IBM Communications Server for Data Center Deployment V7.0** Jeff L. Smith 2013-09-06 This IBM® Redpaper™ publication will guide the user through the installation, configuration, and administration of IBM Communications Server for Data Center Deployment V7.0. It is not intended to be all-inclusive. Rather, it builds on previous publications referenced throughout the document. The focus is on the consolidation of Systems Network Architecture (SNA) resources, key

features and functions available in IBM Communications Server for Data Center Deployment, and the Web Administration package specific to the Linux platform.

**Exam Ref 70-342 Advanced Solutions of Microsoft Exchange Server 2013 (MCSE)** Brian Reid 2015-01-22 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](https://microsoft.com/learning)

**Office 365: Migrating and Managing Your Business in the Cloud** Matthew Katzer 2014-01-23 Written for the IT professional and business owner, this book provides the business and technical insight necessary to migrate your business to the cloud using Microsoft Office 365. This is a practical look at cloud migration and the use of different technologies to support that migration. Numerous examples of cloud migration with technical migration details are included. Cloud technology is a tremendous opportunity for an organization to reduce IT costs, and to improve productivity with increased access, simpler administration and improved services. Those businesses that embrace the advantages of the cloud will receive huge rewards in productivity and lower total cost of ownership over those businesses that choose to ignore it. The challenge for those charged with implementing Microsoft Office 365 is to leverage these advantages with the minimal disruption of their organization. This book provides practical help in moving your business to the Cloud and covers the planning, migration and the follow on management of the Office 365 Cloud services.

**SharePoint 2013 Field Guide** Errin O'Connor 2014-05-27 Covers SharePoint 2013, Office 365's SharePoint Online, and Other Office 365 Components In SharePoint 2013 Field Guide, top consultant Errin O'Connor and the team from EPC Group bring together best practices and proven strategies drawn from hundreds of successful SharePoint and Office 365 engagements. Reflecting this unsurpassed experience, they guide you through deployments of every type, including the latest considerations around private, public, and hybrid cloud implementations, from ECM to business intelligence (BI), as well as custom development and identity management. O'Connor reveals how world-class consultants approach, plan, implement, and deploy SharePoint 2013 and Office 365's SharePoint Online to maximize both short- and long-term value. He covers every phase and element of the process, including initial "whiteboarding"; consideration around the existing infrastructure; IT roadmaps and the information architecture (IA); and planning for security and compliance in the new IT landscape of the hybrid cloud. SharePoint 2013 Field Guide will be invaluable for implementation team members ranging from solution architects to support professionals, CIOs to end-users. It's like having a team of senior-level SharePoint and Office 365 hybrid architecture consultants by your side, helping you optimize your success from start to finish! Detailed Information on How to... Develop a 24-36 month roadmap reflecting initial requirements, longterm strategies, and key unknowns for organizations from 100 users to 100,000 users Establish governance that reduces risk and increases value, covering the system as well as information architecture components, security, compliance, OneDrive, SharePoint 2013, Office 365, SharePoint Online, Microsoft Azure, Amazon Web Services, and identity management Address unique considerations of large, global, and/or multilingual enterprises Plan for the hybrid cloud (private, public, hybrid, SaaS, PaaS, IaaS) Integrate SharePoint with external data sources: from Oracle and SQL Server to HR, ERP, or document management for business intelligence initiatives Optimize performance across multiple data centers or locations including US and EU compliance and regulatory considerations (PHI, PII, HIPAA, Safe Harbor, etc.) Plan for disaster recovery, business continuity, data replication, and archiving Enforce security via identity management and authentication Safely support mobile devices and apps, including BYOD Implement true records management (ECM/RM) to support legal/compliance requirements Efficiently build custom applications, workflows, apps and web parts Leverage Microsoft Azure or Amazon Web Services (AWS)

**Deploying SharePoint 2016** Vlad Catrinescu 2016-11-09 Learn how to install, configure, and maintain the latest release of Microsoft's popular SharePoint Server, SharePoint 2016. This latest version brings with it many changes for IT professionals. With this book you will learn how to create an efficient and stable SharePoint environment for your organization. What You'll Learn Install SharePoint Server 2016, both using the user interface provided by Microsoft, and by using PowerShell Understand your authentication options and associated security considerations Deploy add-ins, either from the store, or from your own custom app catalog Configure Search Service Application using either the provided UI or PowerShell Configure business intelligence components such as Excel Services, SQL Server Reporting Services, and PowerPivot Migrate to SharePoint Server 2016 from either SharePoint Server 2010 or 2013 Understand

approaches to high availability, disaster recovery, patching, and ways to monitor and maintain your SharePoint 2016 deployment once it's up and running Who This Book Is For Anyone tasked with installing, configuring, and maintaining SharePoint Server 2016 in their organization. This book assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2010 or SharePoint 2013

**Microsoft Exchange Server 2013** Nathan Winters 2013-07-29 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 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.

**Eddy Covariance Method for Scientific, Industrial, Agricultural and Regulatory Applications** George Burba 2013 The "Eddy Covariance Method for Scientific, Industrial, Agricultural and Regulatory Applications: A Field Book on Measuring Ecosystem Gas Exchange and Areal Emission Rates" book has been created to familiarize the reader with the general theoretical principles, requirements, applications, and planning and processing steps of the eddy covariance method. It is intended to assist readers in furthering their understanding of the method, and provide references such as micrometeorology textbooks, networking guidelines and journal papers. In particular, it is designed to help scientific, industrial, agricultural, and regulatory research projects and monitoring programs with field deployment of the eddy covariance method in applications beyond micrometeorology. Some of the topics covered in "Eddy Covariance Method for Scientific, Industrial, Agricultural and Regulatory Applications" include: Overview of eddy covariance principles Planning and design of an eddy covariance experiment Implementation of an eddy covariance experiment Processing eddy covariance data Alternative flux methods Useful resources, training and knowledge base Example of planning, design and implementation of a complete eddy covariance station

**Microsoft Exchange Server 2013** Nathan Winters 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.

**Exchange Server 2010 Portable Command Guide** Richard Robb 2011 The compact, convenient Exchange Server 2010 command reference: every command MCTS 70-662 and MCITP 70-663 exam candidates need! \* Practical, example-rich, tip-filled information on every Exchange Server 2010 command required by Microsoft's MCTS 70-662 and MCITP 70-663 exams, plus other day-to-day Exchange Server commands. \* Real-world scenarios that help professionals work and study more efficiently. \* The perfect take-anywhere resource: no need to carry thick books or get on the Internet. To maximize your effectiveness as an Exchange Server 2010 professional, you must keep track of hundreds of commands, keywords, command arguments, options, and prompts. Microsoft's MCTS 70-662 and MCITP 70-663 exams test you on many of those. Familiarizing yourself with all these commands is a daunting task. Exchange Server 2010 Portable Command Guide: MCITP 70-662 and 70-663 brings them all together in one compact, portable, easy-to-use reference. Packed with configuration examples, real-world scenarios, and expert usage tips, this book covers the key commands IT professionals need to know for Exchange Server 2010, from basic concepts to advanced techniques. It's the perfect take-anywhere guide to running Exchange Server 2010 environments - and for passing Microsoft's two key Exchange Server 2010 enterprise messaging exams.

**Pro Exchange 2013 SP1 PowerShell Administration** Michel de Rooij 2014-12-19 Pro Exchange 2013 SP1 PowerShell Administration is your one-stop resource

for both basic and advanced administration of Exchange Server 2013 Service Pack 1 and Exchange Online, Microsoft's best-selling hosted Exchange service. The industry shift that is currently happening toward 'the cloud' is not just about hosting your applications somewhere else. It's also driving automation and standardization of technical solutions, which in turn is leading to greater productivity. Embracing PowerShell will help you administer your existing environment more efficiently and also teach you valuable 'cloud-ready' skills as well. This book is your best-in-class companion for gaining a deep, thorough understanding of managing all facets of Exchange 2013 Service Pack 1 with PowerShell. Authors Michel de Rooij and Jaap Wesselius, both Microsoft messaging MVPs, take you through 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. Discover how to automate time consuming management tasks, configure a Hybrid environment with an on-premises Exchange deployment, and more today with Pro Exchange 2013 SP1 PowerShell Administration. Teaches you the basics of PowerShell and provides a foundation for more advanced scripting Deploy an Office 365 tenant in hybrid mode with your existing Exchange servers Learn how to manage Exchange Online with Remote PowerShell

**Tivoli Storage Manager for Virtual Environments - Data Protection for VMware Deployment Guide** Julien Sauvanet 2013-11-25 This IBM® Redpaper™ publication helps you to install, tailor, configure, and use IBM Tivoli® Storage Manager for Virtual Environments - Data Protection for VMware. The features of Tivoli Storage Manager for Virtual Environments - Data Protection for VMware are described. Scenarios are provided for implementation of Tivoli Storage Manager Virtual Environment to protect virtual machines in several environments. This publication includes answers to common implementation errors and questions you might have that are related to the implementation of Data Protection for VMware.

**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

**Mastering Microsoft Exchange Server 2016** Clifton Leonard 2016-10-03 A bestselling Exchange Server guide, updated for the 2016 release Mastering Microsoft Exchange Server 2016 is the gold-standard reference for system administrators and first-time users alike. Fully updated to align with the latest release, this expert-led guide provides comprehensive coverage and easy-to-follow tutorials for all aspects of Exchange Server installation, configuration, and management. Whether you're migrating from an earlier version or installing Exchange Server for the first time, this book gives you quick access to the answers you need. Step-by-step instructions walk you through planning and design, installation, administration and management, maintenance, and more, so you can get up to speed quickly and get back to work. With a focus on the hands-on details, the Microsoft Certified Masters author team provides practical insight and invaluable guidance on every aspect of Exchange Server 2016, from mastering the basics to leveraging new features. Microsoft Exchange allows access to e-mail, voicemail, and calendars at any time, from almost any device. The 2016 release is designed specifically to appeal to enterprises; if you've been tasked with the implementation, this guide has the information you need. Get up to speed with the latest changes and features Understand server configurations, requirements, installation, and migration Manage mailboxes, groups, connectivity, and the client access server Troubleshoot common issues efficiently and effectively Exchange Server 2016 shifts even more control to the user, freeing administrators to perform more critical tasks. Beefed-up architecture and more centralized functions have eased configuration and upgrades, and a robust cloud implementation is expected to draw enterprises sooner rather than later. Systems administrators need to become familiar with the latest changes, and Mastering Microsoft Exchange Server 2016 is the ultimate reference and tutorial. **Training Guide Installing and Configuring Windows Server 2012 R2 (MCSA)** Mitch Tulloch 2014-05-08 Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on deploying and managing core infrastructure services in Windows Server 2012 R2. Build hands-on expertise through a series of lessons, exercises, and suggested practices - and help maximize your performance on the job. This Microsoft Training Guide: Provides in-depth, hands-on training you take at your own pace Focuses on job-role-specific expertise for deploying and managing core infrastructure services Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-410 Topics include: Preparing for Windows Server 2012 R2 Deploying servers Server remote management New Windows PowerShell capabilities Deploying domain controllers Active Directory administration Network administration Advanced networking capabilities