

	Exchange 2013	Exchange 2016	Exchange 2019
Memory	96 GB	192 GB	256 GB
CPU Cores	24	24	48
Serial SATA Disc	✓	✓	✓
Serial SCSI	✓	✓	✓
Fiber Channel SAN	✓	✓	✓
SSD	✓	✓	✓
Windows Server Version	2008 R2 SP1, 2012, 2012 R2	2008 R2 SP1, 2012, 2012 R2, 2016	2016, 2019 CORE
NET Version	4.6.2	2.6.2 & 4.7.1	4.7.1
High Availability	DAG	DAG	DAG
Roles	Mailbox Server & CAS	Mailbox Server	Mailbox Server
Coexistence	Exchange 2007 & 2010	Exchange 2010 & 2013	Exchange 2013 & 2016
TLS 1.2	✓	✓	✓
WMF	WMF 4	WMF 5	WMF 5.1
Outlook Client	2010, 2013 & 2016	2010, 2013 & 2016	2013, 2016 & 2019

# Exchange Server 2016 Vs 2013 Vs 2010 Comparison

**Van Biljon Edward**



## **Exchange Server 2016 Vs 2013 Vs 2010 Comparison:**

**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

**Mastering Microsoft Exchange Server 2016** Clifton Leonard,Brian Svidergol,Byron Wright,Vladimir Meloski,2016-09-19 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 Exchange Server 2016: Server Infrastructure William Stanek,2016-10-25 Expert advice for Exchange Server 2016 right at your fingertips Practical and precise this hands on guide with ready answers is designed for architects administrators engineers and others working with on premises online and hybrid implementations of Microsoft Exchange If you re an IT Pro responsible for configuring managing and maintaining Exchange 2016 servers start with this well organized and authoritative resource Inside you ll find expert insights tips tricks and workarounds that will show you how to master Exchange Server 2016 in the shortest amount of time possible During the course of reading this book you will master a number of complex topics techniques commands and functions This book Exchange Server 2016 Server Infrastructure is designed to be used with Exchange Server 2106 managing Exchange organizations while navigating routing and data storage options implementing Database Availability Groups and maintaining high availability creating managing and maintaining Exchange databases using Send and Receive connectors for mail routing configuring Transport services and maintaining mail flow implementing email address policies and journal rules filtering spam and defining block lists optimizing Exchange Server 2016 for web and mobile access configuring Client Access services maintaining and troubleshooting Exchange Server 2016 and many more topics essential for Exchange administration Not only will this informative training manual help you become familiar with many new ideas it ll help you master Exchange Server 2016 in the shortest amount of time possible After completing your Exchange Server 2016 journey with this in depth guide you will be ready to support Microsoft Exchange regardless of whether you are working in an on premises online or hybrid environment As you will soon learn Microsoft Exchange is versatile flexible and highly customizable allowing you to personalize the messaging system to meet your needs Get the focused information you need to solve problems and get the job done **Metastatic Disease of the Nervous System** David Schiff,M J Van den Bent,2018-01-04 Metastatic Disease of the Nervous System Volume 149 begins with an overview of the impact and range of direct neoplastic involvement of the central and peripheral nervous system comprehensively reviewing all aspects of brain metastases from clinical radiological and neuropathological manifestations to the roles of surgery radiation systemic and palliative therapy in their management and the complications of these

interventions The clinical manifestations diagnosis and treatment of leptomeningeal dural spinal epidural and plexus metastases are also covered in detail Covers all aspects of brain metastases from clinical radiological and neuropathological manifestations to the roles of surgery radiation systemic and palliative therapy Presents a multidisciplinary review of the evidence regarding accuracy of diagnostic testing and evidence based reviews of therapies Addresses metastatic diseases of the nervous system for residents fellows and clinicians in neurology and oncology *Microsoft Exchange Server 2016 Administration Guide* Van Biljon Edward, 2020-09-03 Discover and work with the new features in Microsoft Exchange Server 2016 Key Features a Deploy Exchange 2016 in a new environment or coexisting environment with a legacy version of Exchange a Learn how to migrate your environment from Exchange 2010 or 2013 to Exchange 2016 a Get familiar with Failover Cluster Manager as well as creating and managing Database Availability Groups DAG a 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 a Learn how to configure all the Client connectivity protocols View Create and Configure Database and Database Availability Group a Create Public folders and Migrating Public folders from earlier versions of Microsoft Exchange a Understand the working of Exchange Management Shell and Exchange Admin Center a 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 About the Author Edward van Biljon is an Experienced Messaging Specialist with a demonstrated history of working in the information technology and services industry He is a four time Office Apps Services MVP with 18 years of experience in Exchange Edward is also a Microsoft Certified Trainer and spends a lot of time teaching Exchange and other technologies like Azure and Office 365 Edward is a passionate blogger and creates videos and articles on how to do things in Exchange or how to fix a problem in Exchange You can also find him on the TechNet Forums assisting people that require help with their Exchange environment Your Blog links <https://collaborationpro.com>

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*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 TABLE OF CONTENTS 1 Introduction to Exchange 2019 2 Installation of Exchange 2019 3 Post Configuration 4 Post Configuration Continued 5 Client Connectivity 6 Databases and Database Availability Groups 7 Public Folders 8 Migrations 9 Coexistence with Exchange 2013 2016 10 Exchange Management Shell and Extras

**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 *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 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

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**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

**Exchange Server 2010 Unleashed** Rand Morimoto,Michael Noel,Chris Amaris,Andrew Abbate,Mark Weinhardt,2009-10-15 Microsoft Exchange Server 2010 Unleashed is the ultimate guide to designing deploying managing troubleshooting and supporting any Exchange Server 2010 environment no matter how large or complex Drawing on their extensive experience with hundreds of enterprise Exchange Server environments including Exchange Server 2010 early adopters the authors thoroughly cover every stage of the Exchange Server 2010 lifecycle They present detailed recommendations proven tips and tricks and step by step techniques for implementation and migration planning architecture installation administration security monitoring integration availability optimization and much more Rand Morimoto and his expert colleagues also offer indispensable practical guidance for making the most of Microsoft Exchange Server 2010 s many enhancements from its improved web access to its enhanced support for Unified Communications and Mobility Use proven best practices to plan your Exchange Server 2010 implementation Architect higher performance lower cost enterprise Exchange Server environments Maximize the security of your Exchange Server infrastructure transport and messages Migrate smoothly from Exchange Server 2003 2007 and Active Directory 2000 2003 to Exchange Server 2010 and Active Directory 2008 Utilize Microsoft Operations Manager to monitor Exchange Server 2010 Use Windows PowerShell to streamline Exchange Server management Integrate other Microsoft technologies including SharePoint 2007 and Office Communication Server 2007 Leverage the full capabilities of the Outlook Web App OWA client Provide robust messaging to non Windows and non Outlook systems Implement Exchange Server s powerful new Database Availability Group replication feature Back up Exchange Server 2010 environments and recover quickly from a disaster Systematically optimize Exchange Server 2010 environments including storage

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**Presenting Exchange Server 2016 & Exchange Online** William Stanek,2015-12-02 Here s a quick start guide for IT professionals who support Microsoft Exchange This hands on reference provides the essentials for getting started with Exchange regardless of whether you are using an on premises online or hybrid implementation You ll find complete details for beginners and IT pros transitioning to or supporting Exchange You ll learn to Navigate Exchange Admin Center options Start and use Exchange Management Shell Work with Exchange Online Understand Office 365 licensing Using Windows PowerShell with Exchange Online Connect using remote sessions Work with Exchange and Exchange Online cmdlets Link Exchange Online and Windows Azure Connect to Windows Azure for management Written by award winning author and technology expert William Stanek Presenting Exchange puts expert advice at your fingertips **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 2013 Pocket Consultant Databases, Services, & Management** 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

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