

Active Directory Administration Cookbook - Unlocking the Secrets of Effective IT Management

Are you an IT administrator looking to enhance your Active Directory (AD) management skills? Look no further! Welcome to the Active Directory Administration Cookbook, where you'll uncover a treasure trove of techniques to optimize your IT infrastructure. In this article, we will dive deep into the world of AD administration, exploring key concepts and providing practical recipes to overcome common challenges.

The Power of Active Directory Administration

Active Directory is the engine that drives centralized management in Windows-based environments. It empowers IT professionals to efficiently manage user accounts, resources, and security policies. Regardless of the size of your organization, having a well-maintained Active Directory structure is crucial to smooth IT operations.

Within this cookbook, you'll discover a plethora of recipes to help you navigate the complexities of AD administration. From basic tasks like user provisioning and password management to advanced techniques such as group policy enforcement, we've got you covered. Our step-by-step instructions and practical examples will empower you to confidently tackle your day-to-day AD challenges.

Active Directory Administration Cookbook: Proven solutions to everyday identity and authentication challenges for both on-premise and the cloud, 2nd Edition by Sander Berkouwer (Kindle Edition)



★ ★ ★ ★ ☆ 4 out of 5
Language : English
File size : 19555 KB
Text-to-Speech: Enabled
Screen Reader: Supported
Print length : 394 pages



Unlocking the Secrets of Effective IT Management

The Active Directory Administration Cookbook goes beyond traditional AD administration guides by providing real-world solutions to common scenarios. You'll find recipes that address issues frequently encountered by IT administrators, such as managing group memberships, handling user access permissions, and troubleshooting replication problems.

Each recipe in this cookbook includes a comprehensive walkthrough that guides you through the necessary steps to achieve your desired outcomes. Whether you are a seasoned AD administrator looking to refine your skills or a newcomer to the field, you will find practical value in our recipes.

Tailored Recipes for Every Administrator

The Active Directory Administration Cookbook caters to the diverse needs of administrators across different domains. A comprehensive range of topics is covered, including:

- Creating and managing user accounts
- Implementing secure authentication methods
- Configuring domain controllers and trust relationships

- Delegating administrative tasks
- Managing group policies and using Group Policy Preferences
- Auditing and monitoring AD activity
- Diagnosing and troubleshooting common AD issues
- Integrating AD with other systems and directory services

With these expertly crafted recipes at your disposal, you'll find the answers to all your AD administration queries.

Beyond AD Administration - Unlocking Innovation

Active Directory administration is not just about managing user accounts and permissions. It also plays a vital role in facilitating innovation and enabling new technologies within your organization. Our cookbook offers recipes to integrate Active Directory with cloud services, manage hybrid environments, and leverage the latest security features.

By following our recipes, you can harness the full power of Active Directory to drive your organization's digital transformation initiatives.

The Active Directory Administration Cookbook is your go-to resource for mastering the art of AD administration. Unlock the secrets of effective IT management by applying these practical recipes to your daily tasks. From enhancing security to achieving seamless integration, this cookbook will help you become an AD administration expert.

Start your journey today and take your Active Directory skills to new heights!

Keywords for alt attribute: Active Directory Administration Cookbook, Active Directory administration, IT management, AD

administration, Windows-based environments, user provisioning, password management, group policy enforcement, group memberships, user access permissions, replication problems, secure authentication methods, domain controllers, trust relationships, GPP, auditing, monitoring, diagnosing, troubleshooting, integrating, cloud services, hybrid environments, digital transformation



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Simplified actionable recipes for managing Active Directory and Azure AD, as well as Azure AD Connect for administration on-premises and in the cloud with Windows Server 2022

Key Features

- Expert solutions for name resolution, federation, certificates, and security with Active Directory
- Explore MS Azure AD and Azure AD Connect for effective administration on the cloud

- Automate security tasks using Active Directory tools and PowerShell

Book Description

Active Directory is an administration system for Windows administrators to automate network, security, and access management tasks in the Windows infrastructure. This second edition is updated to Windows Server 2022 and guides you through effective recipes for AD administration.

The book starts with a detailed focus on forests, domains, trusts, schemas, and partitions. Next, you'll learn how to manage domain controllers, organizational units, and default containers. You'll explore how to manage Active Directory sites as well as identify and solve replication problems. Later chapters cover different object types in Active Directory: users, groups, and computers. You'll also work through recipes that help you manage your AD domains as well as manage user and group objects and computer accounts, expiring group memberships, and Group Managed Service Accounts (gMSAs) with PowerShell. The book discusses how to manage DNS and certificates, and how to work with Group Policy. You'll then focus on federation and security before going on to explore Azure Active Directory and how to integrate on-premises Active Directory with Azure AD. Finally, you'll discover how Microsoft Azure AD Connect synchronization works and how to harden Azure AD.

By the end of this AD book, you'll be able to make the most of Active Directory and Azure AD Connect.

What you will learn

- Manage the Recycle Bin, gMSAs, and fine-grained password policies
- Work with Active Directory from both the graphical user interface (GUI) and command line

- Use Windows PowerShell to automate tasks
- Create and remove forests, domains, domain controllers, and trusts
- Create groups, modify group scope and type, and manage memberships
- Delegate, view, and modify permissions
- Set up, manage, and optionally decommission certificate authorities
- Optimize Active Directory and Azure AD for security

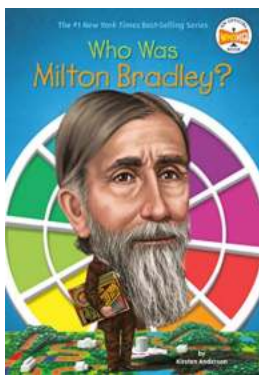
Who This Book Is For

This book is for administrators of existing Active Directory Domain Service environments and/or Azure AD tenants looking for guidance to optimize their day-to-day tasks. Basic networking and Windows Server Operating System knowledge will be useful for getting the most out of this book.

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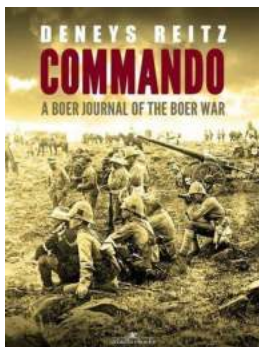
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2. Managing Domain Controllers
3. Managing Active Directory Roles and Features
4. Managing Containers and Organizational Units
5. Managing Active Directory Sites and Troubleshooting Replication
6. Managing Active Directory Users
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10. Getting the Most Out of Group Policy

11. Securing Active Directory
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15. Handling Synchronization in a Hybrid World (Azure AD Connect)
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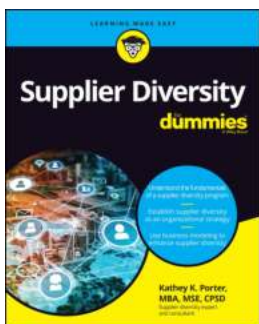
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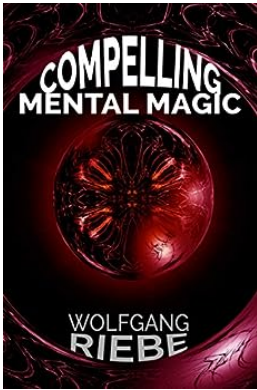
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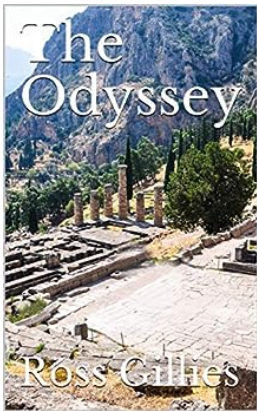
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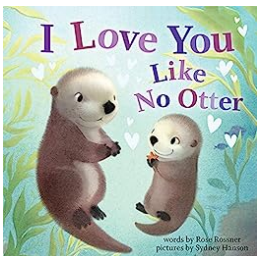
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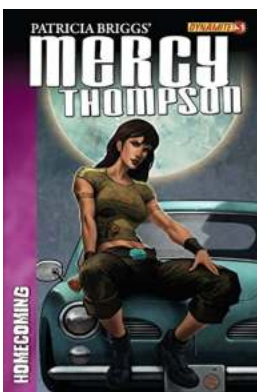
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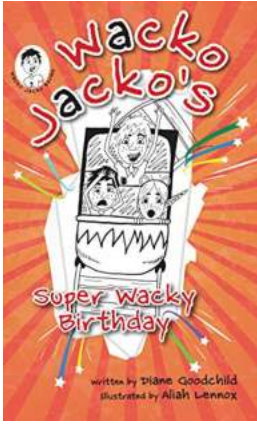
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