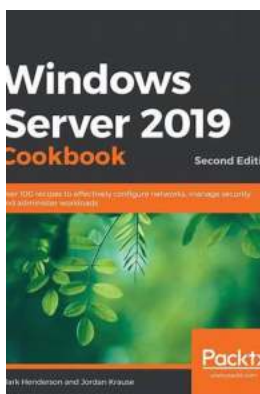


Over 100 Recipes To Effectively Configure Networks, Manage Security And

In today's interconnected world, managing networks and ensuring their security has become vital for businesses and organizations. With the increasing complexity of networks and the growing threats in the cyber world, having effective configurations and robust security measures in place is crucial.

However, configuring networks and managing security can be challenging tasks. It requires in-depth knowledge, expertise, and constant monitoring to stay ahead of potential vulnerabilities and protect the network infrastructure from unauthorized access and cyber attacks.

To help you with this important aspect of network management, we have compiled over 100 recipes that provide step-by-step guidance for effectively configuring networks and managing security. These recipes cover a wide range of topics, including:



Windows Server 2019 Cookbook: Over 100 recipes to effectively configure networks, manage security, and administer workloads, 2nd Edition

by Jordan Krause (2nd Edition, Kindle Edition)

★★★★☆ 4 out of 5

Language : English
File size : 52004 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 650 pages



Network Configuration

Proper network configuration is the foundation of a secure and efficient network. Our recipes guide you through various aspects of network configuration, including:

- Setting up routers, switches, and firewalls
- Configuring IP addressing and subnetting
- Implementing VLANs and virtual networks
- Optimizing network performance and scalability

Network Security

Ensuring network security is essential to protect sensitive data, maintain user privacy, and prevent unauthorized access. Our recipes provide comprehensive guidance on network security practices, including:

- Implementing strong access controls and user authentication
- Configuring firewalls and intrusion detection systems
- Deploying VPNs (Virtual Private Networks) for secure remote access
- Performing regular security audits and vulnerability assessments

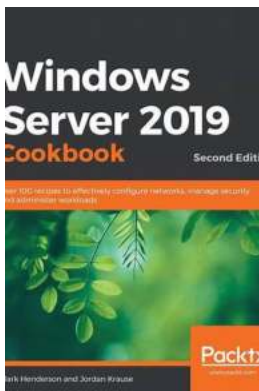
Network Monitoring and Troubleshooting

Monitoring and troubleshooting network issues is crucial for maintaining network availability and performance. Our recipes cover essential techniques and tools for network monitoring and troubleshooting, including:

- Setting up network monitoring software
- Monitoring network traffic and bandwidth utilization
- Detecting and resolving network performance bottlenecks
- Troubleshooting common network issues

With these over 100 recipes at your disposal, you can gain comprehensive insights into effectively configuring networks and managing their security. Whether you are a network administrator, IT professional, or a business owner responsible for network management, these recipes will empower you to build and maintain secure and optimized networks.

Remember, network security is an ongoing process. It requires regular updates, continuous monitoring, and adaptability to emerging threats. By utilizing these recipes and staying informed about the latest security practices, you can strengthen the defense of your network infrastructure and ensure the longevity of your business operations.



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Efficiently manage and administer enterprise environments using Microsoft Windows Server 2019

Key Features

- Leverage Windows Server 2019 to improve enterprise workflow efficiency and increase productivity
- Deliver enterprise-grade cloud services that can be applied in your infrastructure
- Get up and running with PowerShell and the all-new Hyper-V improvements

Book Description

Do you want to get up and running with essential administrative tasks in Windows Server 2019?

This second edition of the Windows Server 2019 Cookbook is packed with practical recipes that will help you do just that.

The book starts by taking you through the basics that you need to know to get a Windows Server operating system working, before teaching you how to navigate through daily tasks using the upgraded graphical user interface (GUI). You'll then learn how to compose an optimal Group Policy and perform task automation with PowerShell scripting. As you advance, you'll get to grips with faster app innovation, improved Windows security measures, and hybrid cloud environments. After you've explored the functions available to provide remote network access to your users, you'll cover the new Hyper-V enhancements. Finally, this Windows Server book will guide you through practical recipes relating

to Azure integration and important tips for how to manage a Windows Server environment seamlessly.

By the end of this book, you'll be well-versed with Windows Server 2019 essentials and have the skills you need to configure Windows services and implement best practices for securing a Windows Server environment.

What you will learn

- Get up and running with Windows Server 2019's new features
- Install, configure, and administer Windows Server 2019 effectively
- Configure the server to host any enterprise application
- Discover ways to manage a server without a GUI
- Safeguard your virtual machines in the event of server failure
- Explore new ways to integrate Windows Server with Microsoft Azure
- Deploy Windows containers using Docker

Who this book is for

This Windows Server 2019 book is for system administrators and IT professionals who have basic experience in Windows environments and are interested in acquiring the skills and knowledge needed to manage and maintain the core infrastructure required for a Windows Server 2019 environment.

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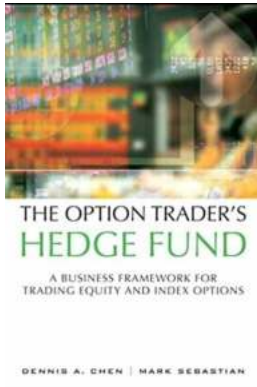
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2. Core Infrastructure Tasks
3. Security and Networking

4. Working with Certificates
5. Internet Information Services
6. Remote Access
7. Remote Desktop Services
8. Monitoring and Hybrid Backup
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14. Containers and Docker
15. Desired State Configuration and Automation
16. Hardening your infrastructure



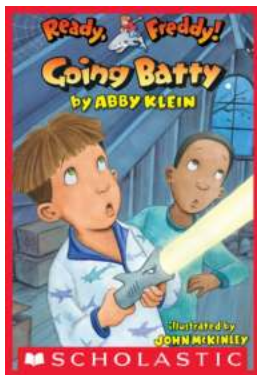
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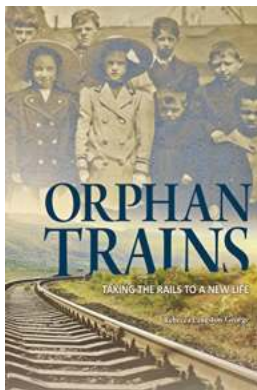
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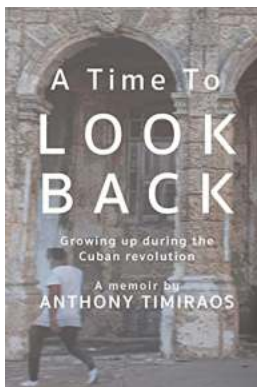
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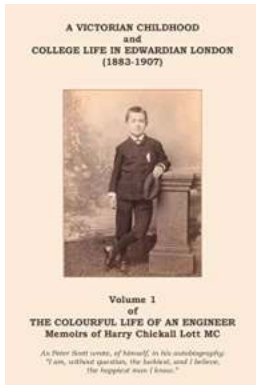
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As the year draws to a close, it's natural for us to take a moment to reflect on the past. Reflection allows us to evaluate our experiences, make sense of our successes and...



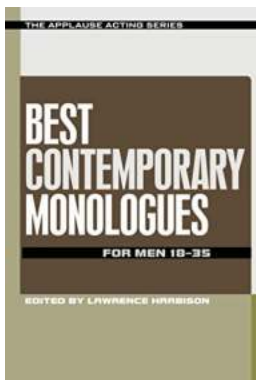
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