

# HP Virtual Connect FlexFabric Cookbook - With HP Virtual Connect Flex-20/40 F8

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# **Virtual Connect Cookbook**

**Chiyo Odika** 

#### **Virtual Connect Cookbook:**

**Cisco IOS Cookbook** Kevin Dooley,Ian J. Brown,2007 Thoroughly revised and expanded this second edition adds sections on MPLS Security IPv6 and IP Mobility and presents solutions to the most common configuration problems

Microsoft Operations Management Suite Cookbook Chiyo Odika, 2018-04-20 Manage on premises and cloud IT assets from one console Key Features Empower yourself with practical recipes to collect and analyze operational insights on Windows and Linux servers in your on premises datacenters and in any public cloud environments such as Azure and AWS Build capabilities through practical tasks and techniques to collect and analyze machine data Address business challenges and discover means to accommodate workloads and instances in a low cost manner Book Description Microsoft Operations Management Suite Cookbook begins with an overview of how to hit the ground running with OMS insights and analytics Next you will learn to search and analyze data to retrieve actionable insights review alert generation from the analyzed data and use basic and advanced Log search queries in Azure Log Analytics Following this you will explore some other management solutions that provide functionality related to workload assessment application dependency mapping automation and configuration management and security and compliance You will also become well versed with the data protection and recovery functionalities of OMS Protection and Recovery and learn how to use Azure Automation components and features in OMS Finally you will learn how to evaluate key considerations for using the Security and Audit solution and working with Security and Compliance in OMS By the end of the book you will be able to configure and utilize solution offerings in OMS understand OMS workflows how to unlock insights integrate capabilities into new or existing workflows manage configurations and automate tasks and processes What you will learn Understand the important architectural considerations and strategies for OMS Use advanced search guery commands and strategies to derive insights from indexed data Make use of alerting in OMS such as alert actions and available options for the entire lifecycle of the alert Discover some practical tips for monitoring Azure container service containers and clusters using OMS Review and use the backup options available through the Azure backup service as well as data recovery options available through Azure Site Recovery ASR Understand how to advance important DevOps concepts within your IT organization Learn how to manage configurations and automate process Who this book is for This book is written for the IT professional and general reader who is interested in technology themes such as DevOps Big Data Analytics and digital transformation concepts Azure and other cloud platform administrators cloud professionals and technology analysts who would like to solve everyday problems quickly and efficiently with hybrid management tools available in the Microsoft product ecosystem will derive much value from this book Prior experience with OMS 2012 would be helpful Azure Security Cookbook Steve Miles, 2023-03-24 Gain critical real world skills to secure your Microsoft Azure infrastructure against cyber attacks Purchase of the print or Kindle book includes a free PDF eBook Key FeaturesDive into practical recipes for implementing security solutions for Microsoft Azure resourcesLearn

how to implement Microsoft Defender for Cloud and Microsoft SentinelWork with real world examples of Azure Platform security capabilities to develop skills quicklyBook Description With evolving threats securing your cloud workloads and resources is of utmost importance Azure Security Cookbook is your comprehensive guide to understanding specific problems related to Azure security and finding the solutions to these problems This book starts by introducing you to recipes on securing and protecting Azure Active Directory AD identities After learning how to secure and protect Azure networks you ll explore ways of securing Azure remote access and securing Azure virtual machines Azure databases and Azure storage As you advance you ll also discover how to secure and protect Azure environments using the Azure Advisor recommendations engine and utilize the Microsoft Defender for Cloud and Microsoft Sentinel tools Finally you ll be able to implement traffic analytics visualize traffic and identify cyber threats as well as suspicious and malicious activity By the end of this Azure security book you will have an arsenal of solutions that will help you secure your Azure workload and resources What you will learnFind out how to implement Azure security features and toolsUnderstand how to provide actionable insights into security incidentsGain confidence in securing Azure resources and operationsShorten your time to value for applying learned skills in real world casesFollow best practices and choices based on informed decisionsBetter prepare for Microsoft certification with a security elementWho this book is for This book is for Azure security professionals Azure cloud professionals Azure architects and security professionals looking to implement secure cloud services using Microsoft Defender for Cloud and other Azure security features A solid understanding of fundamental security concepts and prior exposure to the Azure cloud will help you understand the key concepts covered in the book more effectively. This book is also beneficial for those aiming to take Microsoft certification exams with a security element or focus Cisco Cookbook Kevin Dooley, Ian Brown, 2003-07-24 While several publishers including O Reilly supply excellent documentation of router features the trick is knowing when why and how to use these features There are often many different ways to solve any given networking problem using Cisco devices and some solutions are clearly more effective than others. The pressing question for a network engineer is which of the many potential solutions is the most appropriate for a particular situation Once you have decided to use a particular feature how should you implement it Unfortunately the documentation describing a particular command or feature frequently does very little to answer either of these questions Everybody who has worked with Cisco routers for any length of time has had to ask their friends and co workers for example router configuration files that show how to solve a common problem A good working configuration example can often save huge amounts of time and frustration when implementing a feature that you ve never used before The Cisco Cookbook gathers hundreds of example router configurations all in one place As the name suggests Cisco Cookbook is organized as a series of recipes Each recipe begins with a problem statement that describes a common situation that you might face After each problem statement is a brief solution that shows a sample router configuration or script that you can use to resolve this particular problem A discussion

section then describes the solution how it works and when you should or should not use it The chapters are organized by the feature or protocol discussed If you are looking for information on a particular feature such as NAT NTP or SNMP you can turn to that chapter and find a variety of related recipes Most chapters list basic problems first and any unusual or complicated situations last The Cisco Cookbook will quickly become your go to resource for researching and solving complex router configuration issues saving you time and making your network more efficient It covers Router Configuration and File Management Router Management User Access and Privilege Levels TACACS IP Routing RIP EIGRP OSPF BGP Frame Relay Queueing and Congestion Tunnels and VPNs Dial Backup NTP and Time DLSw Router Interfaces and Media Simple Network Management Protocol Logging Access Lists DHCP NAT Hot Standby Router Protocol IP Multicast Azure Networking Cookbook Mustafa Toroman, 2020-12-17 Find out how you can leverage virtual machines and load balancers to facilitate secure and efficient networking Key Features Discover the latest networking features and additions in Microsoft Azure with this updated guideUpgrade your cloud networking skills by learning how to plan implement configure and secure your infrastructure networkProvide a fault tolerant environment for your apps using Azure networking servicesBook Description Azure s networking services enable organizations to manage their networks effectively With the Azure Networking Cookbook you ll see how Azure paves the way for an enterprise to achieve reliable performance and secure connectivity This updated second edition will take you through the latest networking features in Azure The book starts with an introduction to Azure networking covering basics such as creating Azure virtual networks designing address spaces and creating subnets You ll create and manage network security groups application security groups and IP addresses in Azure using easy to follow recipes As you progress through the book you ll explore various aspects such as DNS and routing load balancers Traffic Manager and site to site point to site and VNet to VNet connections This cookbook covers all the functions crucial to understanding cloud networking practices and being able to plan implement and secure your network infrastructure with Azure You ll not only upscale your current environment but also get well versed with monitoring diagnosing and ensuring secure connectivity The book will help you grasp best practices as you learn how to create a robust environment By the end of this Azure cookbook you ll have gained hands on experience developing cost effective solutions that can facilitate efficient connectivity in your organization What you will learnGet to grips with building Azure networking servicesUnderstand how to create and work on hybrid connectionsConfigure and manage Azure networking servicesExplore ways to design high availability network solutions in AzureDiscover how to monitor and troubleshoot Azure network resourcesWork with different methods to connect local networks to Azure virtual networksWho this book is for This cookbook is for cloud architects cloud solution providers and anyone who deals with networking on Azure A basic understanding of Azure will help you to make the most of this book ScreenOS Cookbook Stefan Brunner, 2008-02-26 In the only book that completely covers ScreenOS six key members of Juniper Network's ScreenOS development team help you troubleshoot secure networks using ScreenOS

firewall appliances Over 200 recipes address a wide range of security issues provide step by step solutions and include discussions of why the recipes work so you can easily set up and keep ScreenOS systems on track The easy to follow format enables you to find the topic and specific recipe you need right away MariaDB Cookbook Daniel Bartholomew, 2014-03-20 A practical cookbook filled with advanced recipes and plenty of code and commands used for illustration which will make your learning curve easy and guick This book is for anyone who wants to learn more about databases in general or MariaDB in particular Some familiarity with SQL databases is assumed but the recipes are approachable to almost anyone with basic database skills VMware vSphere 6.5 Cookbook Abhilash G B,Cedric Rajendran,2018-01-22 Deploy and manage VMware vSphere 6.5 components with ease Key Features Simplified and to the point theory and practical recipes to deploy and manage vSphere 6 5 Discover the best ways to deploy stateless and stateful ESXi hosts and upgrade them Storage and network resource management Certificate management using VMCA Monitor the performance of a vSphere environment Book Description VMware vSphere is a complete and robust virtualization product suite that helps transform data centers into simplified on premises cloud infrastructures providing for the automation and orchestration of workload deployment and life cycle management of the infrastructure This book focuses on the latest release of VMware vSphere and follows a recipe based approach giving you hands on instructions required to deploy and manage a vSphere environment The book starts with the procedures involved in upgrading your existing vSphere infrastructure to vSphere 6 5 followed by deploying a new vSphere 6.5 environment. Then the book delves further into the procedures involved in managing storage and network access to the ESXi hosts and the virtual machines running on them Moving on the book covers high availability and fair distribution utilization of clustered compute and storage resources Finally the book covers patching and upgrading the vSphere infrastructure using VUM certificate management using VMCA and finishes with a chapter covering the tools that can be used to monitor the performance of a vSphere infrastructure What you will learn Upgrade your existing vSphere environment or perform a fresh deployment Automate the deployment and management of large sets of ESXi hosts in your vSphere Environment Configure and manage FC iSCSI and NAS storage and get more control over how storage resources are allocated and managed Configure vSphere networking by deploying host wide and data center wide switches in your vSphere environment Configure high availability on a host cluster and learn how to enable the fair distribution and utilization of compute resources Patch and upgrade the vSphere environment Handle certificate request generation and renew component certificates Monitor performance of a vSphere environment Who this book is for If you are a system administrator support professional or anyone interested in learning how to install configure and manage a vSphere environment then this book is for you This task oriented reference guide will also benefit consultants or infrastructure architects who design and deploy vSphere 6 5 environments C# Programming Cookbook Dirk Strauss, 2016-07-27 Quick fixes to your common C programming problems with a focus on C 6 0 About This Book Unique recipes for C that places it in its real world context You will be able to get yourself out of any coding corner youve backed yourself into All code samples available through GitHub to bring C In line with modern development workflows written to the latest specification of C 6 0 Who This Book Is For The book is aimed at developers who have basic familiarity with C programming and will know the VS 2015 environment What You Will Learn Write better and less code to achieve the same result as in previous versions of C Generate tests from the Code Contracts for mission critical methods Integrate code in Visual Studio with GitHub Create a web application in Azure Design and build a microservice architecture Demystify the Rx library using Reactive extensions Write high performing codes in C and understanding multi threading Security and Debugging Implement Code Contracts on code in Visual Studio In Detail During your application development workflow there is always a moment when you need to get out of a tight spot Through a recipe based approach this book will help you overcome common programming problems and get your applications ready to face the modern world We start with C 6 giving you hands on experience with the new language features Next we work through the tasks that you perform on a daily basis such as working with strings generics and lots more Gradually we move on to more advanced topics such as the concept of object oriented programming asynchronous programming reactive extensions and code contracts You will learn responsive high performance programming in C and how to create applications with Azure Next we will review the choices available when choosing a source control solution At the end of the book we will show you how to create secure and robust code and will help you ramp up your skills when using the new version of C 6 and Visual Studio Style and Approach Unique recipe based guide that will help you gain a solid understanding of the new concepts in C 6 and Visual Studio Enterprise 2015 in a concise and technically correct manner Cookbook Femi Reis, 2023-02-16 The Beginner Cookbook You ve Been Searching For 21 full recipes Powerful skills interestingly presented Zero CLI 100% Management Console Core AWS Services In a desire to garner practical skills AWS beginners often find themselves combing through stacks of instructional videos blogs and documentation that run through confusing lines of commands and codes which leave them wondering if AWS is really as simple as they say it is This recipe book contains 21 thorough recipes that are all deliberately cooked through the AWS Management Console in order to spare you the frustration of copying and pasting commands that are to you at this stage incomprehensible jargons which give you the finished product but still leave you clueless on the real process In this book you will fix recipes with a wide range of AWS services including DynamoDB AWS Lambda EC2 Amplify S3 IAM VPC Transfer Family API Gateway RDS EFS Route 53 and more Each recipe is carefully designed to stand independent of the rest while remaining somewhat connected thus achieving the effect of both building the skills you ve acquired from other recipes and at the same introducing you to new concepts methods and skills as you go along The end product of this book is that not only will you no longer be in a position where you have theoretical cloud knowledge without practical cloud skills you will have 21 defendable and repeatable real world projects under your belt When you re done with this book you would have become one with the process and like a real

Master Chef you will be able to light the fire anywhere and fix the meals without opening the book **Windows Server 2019 Cookbook** Mark Henderson, Jordan Krause, 2020-07-22 Efficiently manage and administer enterprise environments using Microsoft Windows Server 2019 Key FeaturesLeverage Windows Server 2019 to improve enterprise workflow efficiency and increase productivityDeliver enterprise grade cloud services that can be applied in your infrastructureGet up and running with PowerShell and the all new Hyper V improvementsBook 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 learnGet up and running with Windows Server 2019 s new featuresInstall configure and administer Windows Server 2019 effectivelyConfigure the server to host any enterprise applicationDiscover ways to manage a server without a GUISafeguard your virtual machines in the event of server failure Explore new ways to integrate Windows Server with Microsoft AzureDeploy Windows containers using DockerWho 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 Azure Cookbook Massimo Bonanni, Marco Obinu, 2024-10-17 DESCRIPTION Azure Cookbook is a practical environment quide designed to help developers system administrators and cloud architects master Microsoft Azure through hands on solutions This book offers step by step recipes for tackling real world challenges using Azure s vast range of services This book covers many important topics related to Azure such as storage networking virtual machines containers and application development It offers practical tips and step by step instructions for creating and managing secure Azure applications You will learn about various Azure services including Azure Storage Virtual Networks App Service and Azure Security Center Whether you are new to Azure or have some experience this guide will help you gain the skills needed to use Azure effectively for your cloud computing projects With this book you will not only enhance your Azure skills but also apply them directly to your job roles By mastering the cloud you will be equipped to design deploy and manage robust scalable solutions

making you an invaluable asset in today s cloud driven world KEY FEATURES Step by step Azure recipes for real world cloud solutions mastery Troubleshoot Azure issues with expert tips and hands on guidance Boost skills with practical examples from core to advanced services WHAT YOU WILL LEARN Deploying and managing Azure Virtual Machines Networks and Storage solutions Automating cloud infrastructure using Bicep ARM templates and PowerShell Implementing secure scalable and cost effective cloud architectures Building containerized apps with Azure Kubernetes Service AKS Creating serverless solutions using Azure Functions and Logic Apps Troubleshooting Azure issues and optimizing performance for production workloads WHO THIS BOOK IS FOR This book is for developers cloud engineers system administrators and architects looking to deepen their understanding of Microsoft Azure and want to learn how to effectively utilize Azure for their cloud computing needs TABLE OF CONTENTS 1 Azure Storage Secret Ingredient for Your Data Solutions 2 Azure Networking Spice up Your Connectivity 3 Azure Virtual Machines How to Bake Them 4 Azure App Service How to Serve Your Web Apps with Style 5 Containers in Azure How to Prepare Your Cloud Dishes 6 ARM Bicep DevOps Crafting Azure Resources with Ease 7 How to Automate Your Cloud Kitchen 8 Azure Security Managing Kitchen Access and Permissions 9 Azure Compliance Ensuring Your Kitchen Meets Standards 10 Azure Governance How to Take Care of Your Kitchen 11 Azure Monitoring Keep an Eve on Your Dishes HP Virtual Connect, 2008 Azure Cookbook Reza Salehi, 2023-06-22 How do you deal with the problems you face when using Azure This practical guide provides over 75 recipes to help you to work with common Azure issues in everyday scenarios That includes key tasks like setting up permissions for a storage account working with Cosmos DB APIs managing Azure role based access control governing your Azure subscriptions using Azure Policy and much more Author Reza Salehi has assembled real world recipes that enable you to grasp key Azure services and concepts quickly Each recipe includes CLI scripts that you can execute in your own Azure account Recipes also explain the approach and provide meaningful context The solutions in this cookbook will take you beyond theory and help you understand Azure services in practice You ll find recipes that let you Store data in an Azure storage account or in a data lake Work with relational and nonrelational databases in Azure Manage role based access control RBAC for Azure resources Safeguard secrets in Azure Key Vault Govern your Azure subscription using Azure Policy Use CLI code to construct your application or fix a particular problem VMware vSphere 6.7 Cookbook Abhilash G B,2019-08-30 Proven actionable ways to install manage secure and monitor your vSphere 6 7 environments Key FeaturesGet up to speed with the installation and life cycle management of a vSphere 6 7 environment using a task based approachSecure your vSphere environment using SSL CertificatesGet introduced to the tools that are used to monitor the performance of the vSphere EnvironmentBook Description VMware vSphere is the most comprehensive core suite of SDDC solutions on the market It helps transform data centers into simplified on premises private cloud infrastructures This edition of the book focuses on the latest version vSphere 6.7 The books starts with chapters covering the greenfield deployment of vSphere 6.7 components and the upgrade

of existing vSphere components to 6 7 You will then learn how to configure storage and network access for a vSphere environment Get to grips with optimizing your vSphere environment for resource distribution and utilization using features such as DRS and DPM along with enabling high availability for vSphere components using vSphere HA VMware FT and VCHA Then you will learn how to facilitate large scale deployment of stateless stateful ESXi hosts using Auto Deploy Finally you will explore how to upgrade patch a vSphere environment using vSphere Update Manager secure it using SSL certificates and then monitor its performance with tools such as vSphere Performance Charts and esxtop By the end of this book you ll be well versed in the core functionalities of vSphere 6 7 and be able to effectively deploy manage secure and monitor your environment What you will learnDeploy a new vSphere 6 7 environment or upgrade an existing vSphere environment to version 6 7Learn how to configure and manage storage and network access for a vSphere environmentEnable high availability for Hosts VMs and vCenter ServerOptimize your vSphere environment for resource distribution utilizationPatch or upgrade a vSphere environment using vSphere Update ManagerSecure vSphere infrastructure components using SSL certificatesEffectively monitor the performance of your vSphere environmentWho this book is for If you are a systems administrator support engineer or anyone who wants to learn how to install configure and manage a vSphere environment in a quick hands on manner then this book is for you Consultants and infrastructure architects who wish to design and deploy vSphere 6 7 environments will also find this book helpful **Unreal Engine 5 Shaders and** Effects Cookbook Brais Brenlla Ramos, 2023-05-31 Advance your game development skills and master the art of crafting intricate and visually stunning materials using Unreal Engine 5 s powerful Material Editor with the help of this illustrated guide Key Features Create spectacular visual effects for use in both games and virtual productions Design efficient shaders for any real time platform without sacrificing realism Leverage Unreal Engine's rendering pipeline and the innards of the material graph Book DescriptionUnreal Engine is here to stay Since the launch of the first edition of this book based on the Unreal Engine 5 technology real time rendering has only grown in popularity The demand for expertise in this area has grown exponentially across various fields over the last few years and Unreal Engine 5 builds upon that foundation and continues to push the boundaries of what is achievable in an interactive format Against this backdrop the second edition of this book takes a leap forward and explores the new opportunities offered by the latest version of the engine including Lumen ray tracing and Nanite The book also revisits previously covered techniques and updates them to current standards shining new light on topics such as the PBR workflow and the different lighting solutions that were present in the first edition Throughout the chapters you ll be able to focus on two key principles that you need to consider when dealing with real time graphics optimization and efficiency By the end of this book you ll have explored the many rendering possibilities that Unreal Engine 5 has to offer to become the master of your own creations What you will learn Leverage the capabilities of Lumen and Nanite to create breathtaking experiences Attain proficiency in the rendering pipeline of Unreal Engine to develop real time

graphics Utilize the physically based rendering pipeline to achieve photorealistic rendering across multiple scenes Explore the Material Editor to build complex materials and textures and achieve a high level of detail Optimize your materials to run seamlessly on multiple platforms Understand the various nodes and functions required to create impressive visual effects Who this book is for This comprehensive guide is designed for anyone who is passionate about rendering real time graphics and creating visually stunning experiences with Unreal Engine Whether you re a beginner or a seasoned professional this book offers a gentle learning curve that takes you from the fundamentals of the rendering pipeline to the most advanced techniques in the field With a wealth of information and expert guidance you ll guickly become proficient in the art of material creation regardless of your background knowledge Windows Server 2016 Hyper-V Cookbook Patrick Lownds, Charbel Nemnom, Leandro Carvalho, 2017-01-18 Save time and resources by getting to know the best practices and intelligence from industry experts About This Book This book helps you gain a fresh perspective through a recipe based approach on the new Microsoft Server 2016 Hyper V Over 80 recipes to help you master the administrative tasks of Hyper V and get to grips with advanced solutions and techniques for virtualization These hands on advanced recipes will help you deploy maintain and upgrade Hyper V virtual machines Who This Book Is For This book is for Hyper V administrators who are looking to take advantage of all exciting new features that Microsoft Server 2016 Hyper V has to offer What You Will Learn Install and manage Hyper V in Full Server Core and Nano Server Get to know how to migrate and upgrade physical and virtual machines Configure disks network memory security and auditing settings for virtual machines Take a deep dive into high availability and disaster recovery Save time and money by getting to grips with PowerShell automation Understand the new features around network and nested virtualization distributed storage QoS Hyper V Replica and much more Gain a full view of your virtual machines and host servers through monitoring reporting and troubleshooting tips In Detail Hyper V is a Windows based very cost effective virtualization solution with easy to use and well known administrative consoles With this book on your side you will master the worlds of Hyper V deployment migration and management by learning tips tricks and best practices especially when it comes to advanced level tasks You will learn how to quickly deploy and automate multiple VMs and support Hyper V clusters through different installation methods You will learn the concepts efficiently with the help of up to date real world examples and improve the scalability and efficiency of large scale VM deployments with Nano Server By the end of this book you will be an ace Windows Server 2016 Hyper V with the skills needed to administer and manage it effectively and survive in the brave new world of mobile first cloud first Further take advantage of bonus appendix explaining Hyper V and backup architecture and the difference between versions Style and approach This advanced level book provides step by step recipes on real world examples so you can get practical hands on experience of the subjects

**Windows Server 2016 Cookbook** Jordan Krause, 2016-11-21 Saute your way through more than 100 hands on recipes designed to prepare any server administrator to work with Windows Server 2016 About This Book Get the first book on the

market to unleash the power of Windows Server 2016 which improves the lives of thousands of enterprise users Be the first to leverage the advent of Containers and Nano Server on Windows Server 2016 which utilizes the resources efficiently and increases productivity This practical recipe based approach helps you to delivering global scale cloud services into your infrastructure using Windows Server 2016 Who This Book Is For This book is for system administrators and IT professionals with experience in Windows Server 2012 R2 environments who are looking to acquire the skills and knowledge necessary to manage and maintain the core infrastructure required for a Windows Server 2016 environment What You Will Learn Build the infrastructure required for a successful Windows network Navigate the new Server 2016 interface efficiently Implement solid networking and security practices into your Windows Server environment Design your own PKI and start issuing certificates today Explore the brand new Nano Server functionality Enable nested virtualization on Hyper V and Server Connect your remote laptops back to the corporate network using Microsoft's own remote access technologies including DirectAccess Provide a centralized point for users to access applications and data by configuring Remote Desktop Services Compose optimal Group Policies Facilitate task automation with PowerShell 5 0 scripting In Detail This hands on Cookbook is stuffed full of practical recipes that will help you handle the essential administrative tasks in Windows Server 2016 You ll start by familiarizing yourself with the look and feel of Windows Server 2016 and will then learn how to navigate through some daily tasks using the graphical interface You will see how to compose optimal Group Policies and facilitate task automation with PowerShell 5 0 scripting We will also take a look at the functions available to provide remote network access to your traveling users and explore the much anticipated Nano Server and Hyper V built in integration support that is brand new in Windows Server 2016 By the end of this book you will know how to take your Windows Server 2016 powered server and turn it into any common infrastructure role that might be required in your company Style and approach The book follows a recipe based approach that starts with an introduction and the installation of Windows Server 2016 then dives into the powerful features and then ends with the concept of security Azure Data Engineering Cookbook Ahmad Osama, 2021-04-05 Over 90 recipes to help you orchestrate modern ETL ELT workflows and perform analytics using Azure services more easily Key FeaturesBuild highly efficient ETL pipelines using the Microsoft Azure Data servicesCreate and execute real time processing solutions using Azure Databricks Azure Stream Analytics and Azure Data ExplorerDesign and execute batch processing solutions using Azure Data FactoryBook Description Data engineering is one of the faster growing job areas as Data Engineers are the ones who ensure that the data is extracted provisioned and the data is of the highest quality for data analysis This book uses various Azure services to implement and maintain infrastructure to extract data from multiple sources and then transform and load it for data analysis It takes you through different techniques for performing big data engineering using Microsoft Azure Data services It begins by showing you how Azure Blob storage can be used for storing large amounts of unstructured data and how to use it for orchestrating a data workflow You ll then work with

different Cosmos DB APIs and Azure SQL Database Moving on you ll discover how to provision an Azure Synapse database and find out how to ingest and analyze data in Azure Synapse As you advance you ll cover the design and implementation of batch processing solutions using Azure Data Factory and understand how to manage maintain and secure Azure Data Factory pipelines You ll also design and implement batch processing solutions using Azure Databricks and then manage and secure Azure Databricks clusters and jobs In the concluding chapters you ll learn how to process streaming data using Azure Stream Analytics and Data Explorer By the end of this Azure book you ll have gained the knowledge you need to be able to orchestrate batch and real time ETL workflows in Microsoft Azure What you will learn Use Azure Blob storage for storing large amounts of unstructured dataPerform CRUD operations on the Cosmos Table APIImplement elastic pools and business continuity with Azure SQL DatabaseIngest and analyze data using Azure Synapse AnalyticsDevelop Data Factory data flows to extract data from multiple sourcesManage maintain and secure Azure Data Factory pipelinesProcess streaming data using Azure Stream Analytics and Data ExplorerWho this book is for This book is for Data Engineers Database administrators Database developers and extract load transform ETL developers looking to build expertise in Azure Data engineering using a recipe based approach Technical architects and database architects with experience in designing data or ETL applications either on premise or on any other cloud vendor who wants to learn Azure Data engineering concepts will also find this book useful Prior knowledge of Azure fundamentals and data engineering concepts is needed PowerCLI Cookbook Philip Sellers, 2015-03-25 If you are a virtualization professional who wants to unleash the power of automation and combat the complexity of sprawling virtual environments this book is ideal for you This book will enhance your skills of administering VMware vSphere and vCloud Director with PowerCLI

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