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Nota di contenuto	Cover; Copyright; Credits; About the Author; Acknowledgement; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Installing and Managing Hyper-V in Full or Server Core Mode; Introduction; Verifying Hyper-V requirements; Enabling the Hyper-V role; Installing Windows Server 2012 and Microsoft Hyper-V Server 2012; Managing a Server Core installation using sconfig; Enabling and disabling the graphical interface in Hyper-V; Configuring post installation settings; Chapter 2: Migrating and Upgrading Physical and Virtual Servers; Introduction Performing an in-place upgrade from Windows Server 2008 R2 to WindowsServer 2012; Exporting and importing virtual machines; Migrating virtual machines and updating their integration services; Converting VHD files to VHDX files; Migrating Virtual Machine storage using storage migration; Migrating the virtual machines using Shared Nothing Live Migration; Converting physical computers to virtual machines; Chapter 3: Managing Disk and Network Settings; Introduction; Creating and adding virtual hard disks; Configuring IDE and SCSI controllers for virtual machines; Creating resource pools Creating and managing virtual switchesUsing advanced settings for virtual networks; Enabling and adding NIC teaming to a virtual machine;

Configuring and adding Hyper-V Virtual Fibre Channel to virtual machines; Chapter 4: Saving Time and Cost with Hyper-V Automation; Introduction; Installing and running Hyper-V from a USB stick; Creating virtual machine templates; Working and learning basic commands in PowerShell; Using small PowerShell commands for daily tasks; Enabling and working with remote connection and administration through; PowerShell

Chapter 5: Hyper-V Best Practices, Tips, and TricksIntroduction; Using the Hyper-V Best Practices Analyzer; Setting up dynamic memory for virtual machines; Enabling remote management for Hyper-V in workgroup environments; Installing and configuring anti-virus on host and virtual machines; Chapter 6: Security and Delegation of Control; Introduction; Configuring Windows Update for Hyper-V; Configuring Cluster-Aware Updating for cluster nodes; Delegating control in Hyper-V; Configuring Port ACLs; Installing and configuring BitLocker for data protection; Configuring Hyper-V auditing

Chapter 7: Configuring High Availability in Hyper-VIntroduction; Installing and configuring an iSCSI Target server in Windows Server 2012; Installing and configuring the Windows Failover Clustering feature; Enabling Cluster Shared Volumes 2.0; Using Live Migration in a cluster environment; Configuring VM Priority for Clustered Virtual Machines; Chapter 8: Disaster Recovery for Hyper-V; Introduction; Backing up Hyper-V and virtual machines using Windows Server Backup; Restoring Hyper-V and virtual machines using Windows Server Backup

Configuring Hyper-V Replica between two Hyper-V Hosts using HTTP authentication

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## Sommario/riassunto

Windows Server 2012 Hyper-V Cookbook is a practical cookbook packed with recipes showing and explaining all the features and components of Hyper-V. You'll learn from best practices, tips and tricks and examples of how to automate daily and common tasks. If you are an administrator who wants to master Microsoft Server Virtualization with Windows Server 2012 Hyper-V, then this book is for you. You should be comfortable with virtualization concepts and practices, and knowledge of previous versions of Windows Server would be an advantage.

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