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Nota di contenuto	Windows Server 2012 Hyper-V Installation and Configuration Guide; Contents; Introduction; Chapter 1: Introducing Windows Server 2012 Hyper-V; Virtualization and Cloud Computing; Windows Server 2012 Hyper-V; Licensing Windows Server 2012 in Virtualization; VMware; Other Essential Knowledge; Chapter 2: Deploying Hyper-V; Preparing a Hyper-V Deployment; Building the First Hyper-V Host; Managing Hyper-V; Upgrading Hyper-V; Real World Solutions; Chapter 3: Managing Virtual Machines; Creating Virtual Machines; Designing Virtual Machines; Performing Virtual Machine Operations Installing Operating Systems and ApplicationsReal World Solutions; Chapter 4: Networking; Basic Hyper-V Networking; Networking Hardware Enhancements; Advanced Networking; Real World Solutions; Chapter 5: Cloud Computing; Clouds, Tenants, and Segregation; Microsoft Network Virtualization; PVLANS; Port Access Control Lists; Hyper-V Virtual Machine Metrics; Real World Solutions; Chapter 6: Microsoft iSCSI Software Target; Introducing the Microsoft iSCSI Software Target; Building the iSCSI Target; Managing the iSCSI Target Server; Migrating; Chapter 7: Using File Servers Introducing Scale-Out File ServersInstalling and Configuring Scale-Out File Servers; Windows Server 2012 SMB PowerShell; Windows Server 2012 Hyper-V over SMB 3.0; Troubleshooting Scale-Out File Servers;

Real World Solutions; Chapter 8: Building Hyper-V Clusters; Introduction to Building Hyper-V Clusters; Active Directory Integration; Failover Clustering Installation; Cluster Shared Volumes; BitLocker; Cluster-Aware Updating; Highly Available Virtual Machine; Virtual Machine Mobility; Real World Solutions; Chapter 9: Virtual SAN Storage; Introduction to Virtual SAN Storage; Guest Clustering Virtual Machine MonitoringReal World Solutions; Chapter 10: Backup and Recovery; How Backup Works with Hyper-V; Improvements in Windows Server 2012 Hyper-V Backup; Using Windows Server Backup; The Impact of Backup on the Network; Real World Solutions; Chapter 11: Disaster Recovery; Introducing Disaster Recovery; DR Architecture for Windows Server 2012 Hyper-V; Implementation of a Hyper-V Multi-site Cluster; Real World Solutions; Chapter 12; Chapter 12: Hyper-V Replica; Introducing Hyper-V Replica; Enabling Hyper-V Replica between Nonclustered Hosts; Enabling Virtual Machine Replication Using Authentication with CertificatesUsing Advanced Authorization and Storage; Using Hyper-V Replica with Clusters; Exploring Hyper-V Replica in Greater Detail; Managing Hyper-V Replica; Setting Up Failover Networking; Failing Over Virtual Machines; Real World Solutions; Chapter 13: Using Hyper-V for Virtual; Using Virtual Desktops, the Modern Work Style; Building a Microsoft VDI Environment; Real World Solutions; Index

Sommario/riassunto

Go-to guide for using Microsoft's updated Hyper-V as a virtualization solution Windows Server 2012 Hyper-V offers greater scalability, new components, and more options than ever before for large enterprise systems and small/medium businesses. Windows Server 2012 Hyper-V Installation and Configuration Guide is the place to start learning about this new cloud operating system. You'll get up to speed on the architecture, basic deployment and upgrading, creating virtual workloads, designing and implementing advanced network architectures, creating multitenant clouds, backup,
