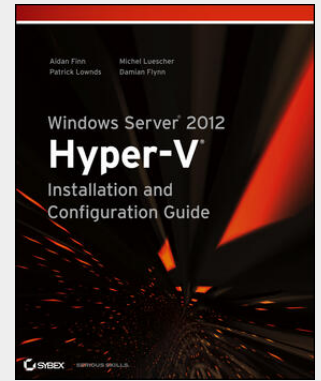Finn / Lownds / Luescher

Windows Server 2012 Hyper-V Installation and Configuration Guide

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, disaster recovery, and more. The international team of expert authors offers deep technical detail, as well as hands-on exercises and plenty of real-world scenarios, so you thoroughly understand all features and how best to use them. * Explains how to deploy, use, manage, and maintain the Windows Server 2012 Hyper-V virtualization solutions in large enterprises and small- to medium-businesses * Provides deep technical detail and plenty of exercises showing you how to work with Hyper-V in real-world settings * Shows you how to quickly configure Hyper-V from the GUI and use PowerShell to script and automate common tasks * Covers deploying Hyper-V hosts, managing virtual machines, network fabrics, cloud computing, and using file servers * Also explores virtual SAN storage, creating guest clusters, backup and disaster recovery, using Hyper-V for Virtual Desktop Infrastructure (VDI), and other topics Help make your Hyper-V virtualization solution a success with Windows Server 2012 Hyper-V Installation and Configuration Guide.

Make Your Hyper-V Solution a Success Windows Server 2012 Hyper-V is bigger and more robust than ever, offering better virtualization options for small, medium, and large enterprises. Take full advantage of Hyper-V with this expert guide that shows you how to effectively deploy a virtualization or cloud computing platform. You'll learn how to quickly configure Hyper-V from the user interface, use PowerShell to automate routine tasks, and get solid experience through the book's practical, real-world solutions. This international author team, all virtualization experts, thoroughly covers such essential topics as network fabrics and cloud computing, deploying hosts, building Hyper-V clusters, backup and recovery, and much more. * Understand the different Hyper-V editions and which one is right for you-Standard, Datacenter, or Hyper-V Server * Design, create, configure, and deploy Failover Clustering for highly available virtual machines * Implement the new storage solutions and architectures of Windows Server 2012 * Set up Hyper-V layer 2 networking and extensible virtual switches * Learn how to design converged fabrics to use fewer NICs * Explore cloud computing, multi-tenancy, storage, and clusters * Make sure your data and services are safe with a full range of backup strategies * Discover the various ways to enable disaster recovery using Hyper-V * Get up to speed on Hyper-V Replica and Hyper-V for Virtual Desktop Infrastructure (VDI)

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