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Nota di contenuto	Cover; Title Page; Copyright; Contents; Introduction; Assessment Test; Chapter 1 What's New in vSphere 5.5; vSphere ESXi Hypervisor Enhancements; Hot-Pluggable PCIe SSD Devices; Support for Reliable Memory Technology; Enhancements to CPU C-States; Virtual Machine Enhancements; VM Compatibility with VMware ESXi 5.5; Expanded vGPU Support; Graphic Acceleration for Linux Guests; vCenter Server Enhancements; vCenter Single Sign-On; vCenter Server Appliance; vSphere Web Client; vSphere App HA; HA Compatibility with DRS VM-VM Affinity Rules; vSphere Big Data Extensions; Storage Enhancements Support for 62TB VMDKMSCS Updates; 16Gb E2E Support; PDL AutoRemove; vSphere Replication Interoperability; vSphere Replication Multi-Point-in-Time (MPIT) Snapshot Retention; VAAI UNMAP Improvements; VMFS Heap Improvements; vSphere Flash Read Cache; Networking Enhancements; Link Aggregation Control Protocol (LACP) Enhancements; Traffic Filtering; Quality of Service Tagging; SR-IOV Enhancements; Enhanced Host-Level Packet Capture; 40Gb NIC Support; VMware Data Protection (VDP) Enhancements; vCenter Operations Manager; Summary Chapter 2 Planning, Installing, Configuring, and Upgrading VMware ESXi and vCenter ServerIntroducing VMware ESXi; Identifying ESXi Host Requirements; Performing an Interactive Installation of ESXi;

Configuring NTP on an ESXi Host; Configuring DNS and Routing on an ESXi Host; Enabling, Configuring, and Disabling Hyperthreading; Selecting a CPU Power Management Policy; Enabling, Sizing, and Disabling Memory Compression Cache; Licensing an ESXi Host; Introducing vCenter Server; Identifying Available vCenter Server Editions; Identifying vCenter Server and vCenter Server Database Requirements

Identifying Single Sign-On RequirementsCreating a Database

Connection to the vCenter Server Database; Sizing the vCenter Server Database; Installing vCenter Server into a Virtual Machine; Deploying the vCenter Server Appliance; Installing and Configuring the vSphere Client and vSphere Web Client; Describing Single Sign-On Architecture; Differentiating Single-Sign-On Deployment Scenarios; Configuring and Administering Single Sign-On; Managing Single Sign-On Users and Groups; Installing Additional vCenter Server Components; Installing and Removing vSphere Client Plug-Ins

Enabling and Disabling vSphere Client Plug-InsLicensing vCenter Server; Determining Availability Requirements for a vCenter Server in a Given vSphere Implementation; Planning and Performing Upgrades of vCenter Server and VMware ESXi; Identifying Steps Required to Upgrade a vSphere Implementation; Identifying Upgrade Requirements for ESXi Hosts; Determining Whether an In-Place Upgrade Is Appropriate in a Given Upgrade Scenario; Summary; Exam Essentials; Review Questions; Chapter 3 Securing vCenter Server and ESXi and Identifying vSphere Architecture and Solutions
Securing vCenter Server and ESXi

Sommario/riassunto

Prepare for the VCP-DCV Exam Prepare yourself for VMware's challenging VMware Certified Professional-Data Center Virtualization exam, as well as the typical tasks and responsibilities you can expect as a VMware vSphere 5.5-certified professional. This comprehensive book guides you through all topics and objectives you'll need to know for the exam. These include planning, installing, upgrading, and securing vCenter Server and ESXi; configuring networking and storage; performing basic troubleshooting; and more. You'll also gain access to premium online practice and review tools.<
