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Nota di contenuto	Front Cover; Dedication; Contents; About the author; What, Exactly, Will We Accomplish?; Part I: Building Blocks, Power, and Consolidation; Chapter 1: The Disk Drive: The Fundamental Building Block of Enterprise Storage; Chapter 2: Power and AC; Chapter 3: Storage Consolidation; Chapter 4: Service Level Overview; Chapter 5: Uptime, Reliability, and SLAs; Chapter 6: Storage Tiering and SLAs; Chapter 7: Service Level Agreements and IT Bill-Back; Chapter 8: Demonstrating Delivery on SLA Service Levels; Chapter 9: Planning for Growth and Storage Tiering; Chapter 10: Wrap-Up: Projects Within Reach Part II: Managing Aging Data and E-Mail ExpensesChapter 11: Migration and Retiring Aging Systems; Chapter 12: Shared Folders and Content Management; Chapter 13: Storage Strategies for E-Mail; Chapter 14: Spending Wisely on Performance; Chapter 15: Performance and Backup; Chapter 16: The Right Tools for Reliability, Uptime, Disaster Recovery, and Archiving; Chapter 17: Reliability and Server Failover; Chapter 18: Reliability and Continuous Data Protection, Synchronous Replication; Chapter 19: Reliability and Near-Continuous Data Protection, Asynchronous Replication Chapter 20: Reliability and Data Integrity (T10-DIF or T10-PI)Chapter

21: Virtualization Overview: Focus on the Business Benefits; Chapter 22: Storage Virtualization; Chapter 23: Virtualization, Storage Tiers, and Manual Data Movement; Chapter 24: Virtual Desktop Infrastructure (VDI); Chapter 25: Converged NAS and SAN; Chapter 26: Storage for Nontraditional IT Applications; Chapter 27: Part II Wrap-Up: Projects Within Reach; Part II: Conclusions; Part III: Managed Hosting and Cloud; Chapter 28: Managed Hosting and Cloud Computing Chapter 29: The Business Driving Managed Hosting: What It Means to YouChapter 30: Managed Hosting Vetting Process; Chapter 31: Why Cloud is Relevant; Chapter 32: Implementing Cloud Storage in Your Operation; Chapter 33: Hybrid Cloud; Chapter 34: Cloud Spectrum of Options; Chapter 35: End Game and Hardware Roadmap to Leverage the Cloud; Chapter 36: Strategy and Execution; Chapter 37: Constructing a Roadmap; Chapter 38: Risk Management; Chapter 39: Part III Wrap-Up: Projects Within Reach; Part III: Conclusion; Appendix A: Storage Protocol Basics; Appendix B: Project Management Appendix C: People, Process, TechnologyAppendix D: Root Cause, Corrective Action Process; Appendix E: Iometer: Performance Testing in the Lab; Glossary; A; B; C; D; F; G; H; I; L; M; N; O; P; R; S; T; W; Z

Sommario/riassunto

"This work provides a storage industry insiders insight on how to properly scope, plan, evaluate, and implement storage technologies to maximize performance, capacity, reliability, and power savings. It covers all types of storage technology, including SAN, capacity-optimized drives, and solid-state drives. Written for IT managers, data center managers, and CIOs, the book offers strategies for minimizing risk and cost when implementing storage technology, including how to reduce air conditioning costs and overall power consumption. It also analyzes cloud technology and its effects on an organizations storage strategies"--
