

1. Record Nr.	UNINA9910967001003321
Autore	Smith Gregory
Titolo	PostgreSQL 9.0 : high performance // Gregory Smith
Pubbl/distr/stampa	Birmingham [England], : Packt Publishing, 2010
ISBN	9786612896477 9781282896475 1282896474 9781849510318 1849510318
Edizione	[1st edition]
Descrizione fisica	1 online resource (468 p.)
Collana	Open source : community experience distilled
Disciplina	005.7585
Soggetti	Database management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Accelerate your PostgreSQL system and avoid the common pitfalls that can slow it down." Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; Table of Contents; Preface; Chapter 1: PostgreSQL Versions; Performance of historical PostgreSQL releases; Choosing a version to deploy; Upgrading to a newer major version; Upgrades to PostgreSQL 8.3+ from earlier ones; Minor version upgrades; PostgreSQL or another database?; PostgreSQL tools; PostgreSQL contrib; Finding contrib modules on your system; Installing a contrib module from source; Using a contrib module; pgFoundry; Additional PostgreSQL-related software; PostgreSQL application scaling lifecycle Performance tuning as a practice Summary; Chapter 2: Database Hardware; Balancing hardware spending; CPUs; Memory; Disks; RAID; Drive error handling; Hard drive reliability studies; Drive firmware and RAID; SSDs; Disk controllers; Hardware and Software RAID; Recommended disk controllers; Attached storage - SAN and NAS; Reliable controller and disk setup; Write-back caches; Sources of write-back caching; Disk controller monitoring; Disabling drive write caches; Performance impact of write-through caching; Summary; Chapter 3: Database Hardware Benchmarking; CPU and memory benchmarking

memtest86+STREAM memory testing; STREAM and Intel vs. AMD; CPU benchmarking; Sources of slow memory and processors; Physical disk performance; Random access and I/Os Per Second; Sequential access and ZCAV; Short stroking; Commit rate; PostgreSQL test_fsync; INSERT rate; Windows commit rate; Disk benchmarking tools; hdtune; Short stroking tests; IOPS; Unpredictable performance and Windows; dd; bonnie++; bonnie++ 2.0; bonnie++ ZCAV; sysbench; Seek rate; fsync commit rate; Complicated disk benchmarks; Sample disk results; Disk performance expectations; Sources of slow disk and array performance Summary Chapter 4: Disk Setup; Maximum file system sizes; File system crash recovery; Journaling file systems; Linux file systems; ext2; ext3; ext4; XFS; Other Linux file systems; Write barriers; Drive support for barriers; File system support for barriers; General Linux file system tuning; Read-ahead; File access times; Read caching and swapping; Write cache sizing; I/O scheduler elevator; Solaris and FreeBSD file systems; Solaris UFS; FreeBSD UFS2; ZFS; Windows filesystems; FAT32; NTFS; Adjusting mounting behaviour; Disk layout for PostgreSQL; Symbolic links; Tablespace; Database directory tree Temporary files Disk arrays, RAID, and disk layout; Disk layout guidelines; Summary; Chapter 5: Memory for Database Caching; Memory units in the postgresql.conf; Increasing UNIX shared memory parameters for larger buffer sizes; Kernel semaphores; Estimating shared memory allocation; Inspecting the database cache; Installing pg_buffers into a database; Database disk layout; Creating a new block in a database; Writing dirty blocks to disk; Crash recovery and the buffer cache; Checkpoint processing basics; Write-ahead log and recovery processing; Checkpoint timing; Checkpoint spikes Spread checkpoints

Sommario/riassunto

Accelerate your PostgreSQL system

2. Record Nr.	UNINA9911018789403321
Autore	Dresner Howard <1957->
Titolo	Profiles in performance : business intelligence journeys and the roadmap for change // Howard Dresner
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley & Sons, 2009
ISBN	9786612316692 9780470570111 0470570113 9781119203940 1119203945 9781282316690 1282316699 9780470570098 0470570091
Descrizione fisica	1 online resource (195 p.)
Disciplina	658.3 658.314 658.4012
Soggetti	Corporate culture Organizational effectiveness Organizational behavior Performance Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Profiles in Performance: Business Intelligence Journeys and the Roadmap for Change; Contents; Foreword; Preface; Acknowledgments; Chapter 1: Performance-Directed Culture; Chapter 2: Denihan Hospitality Group; Chapter 3: Cleveland Clinic; Chapter 4: Northern California Public Broadcasting; Chapter 5: Mueller Inc.; Chapter 6: Tying It All Together; Index
Sommario/riassunto	Too many organizations invest in performance management and

business intelligence projects, without first establishing the needed conditions to ensure success. But the organizations that lay the groundwork for effective change first reap the benefits. In Profiles in Performance: Business Intelligence Journeys and the Road Map for Change, Howard Dresner (author of The Performance Management Revolution) worked with several extraordinary organizations to understand their thriving ""performance-directed culture."" In doing so, he developed a unique maturity model-which serve
