1.	Record Nr.	UNINA9910785229003321
	Autore	Smith Gregory
	Titolo	PostgreSQL 9.0 [[electronic resource]] : high performance / / Gregory Smith
	Pubbl/distr/stampa	Birmingham [England], : Packt Publishing, 2010
	ISBN	1-282-89647-4
		9786612896477
		1-84951-031-8
	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

Sommario/riassunto	Accelerate your PostgreSQL system