

# Pull Peak Power From Your Database

*Extraordinary Performance Boosts – Dedicated Solution Team – Experienced Database Administrators*

Let PEER 1 Hosting work with you to get optimal performance out of your enterprise and application databases

Most applications—especially those that support enterprise processes, enable e-commerce, or facilitate collaboration—are database-intensive. Therefore, these applications demand optimal performance from the database. Applications and database queries may utilize very lean and elegant code, but the structure and configuration of your databases can be a detriment to high performance. There are dozens, sometimes hundreds, of configuration settings that need to be optimally tuned to enhance database performance.

When the database is installed, most configuration defaults are applied automatically. Some customization, through various tools, allows users to optimally tune underlying functionality to drive high levels of performance, reliability, and efficiencies. This is where expertise is required, not only to understand the products themselves, but the underlying technologies like cache management, disk and memory allocation, server usage, storage and recovery techniques, and optimal structure and design.

For these technologies, companies either accept the defaults—and the downsides to them—or assign a database analyst to examine, re-architect and restructure the database so it's optimized for the deployment environment including critical applications.

## PEER 1 HOSTING DATABASE ADMINISTRATION PROGRAM

PEER 1 Hosting provides the expertise needed to optimize databases through our Database Administration Program (DAP). The DAP assigns a highly experienced Microsoft SQL Server or MySQL database architect to work directly with you to realize every possible performance improvement from your database.

## BENEFITS

**Performance Boost.** Enjoy every pound of performance from your database. We'll optimize your database infrastructure, identify query improvements, and implement smart data storage strategies.

**Lower Infrastructure Costs.** Reduce hardware and bandwidth costs by tightly tuning the integration of data, servers, storage and network.

**Problem Prevention.** Spot potential performance dangers and problems—and correct them—before they occur.

**Precisely Tuned Access.** Analyze and optimize the structure and syntax of your data queries to optimize their performance and reduce duplicated and unnecessary steps.

## OVERVIEW

Your network and servers hum, but still, your users wait for response. It's not the infrastructure that's introducing delays and stalls, affecting the end-user experience; it's the performance of your database. How well it's designed, how expertly it's optimized and tuned, and how carefully it's maintained are all critical factors in delivering quality user experiences.

## OVERVIEW *continued from previous page*

It's a job for experts. It takes knowledge, expertise and time to get a database up and running at peak levels. PEER 1 Hosting provides that expertise through the **Database Administration (DBA)** program. We assign a seasoned Microsoft SQL Server or MySQL database architect to work directly with you to pull out every possible performance improvement from your database. We'll improve database performance in a range of areas, including:

- Database Engine Support Services
- Database Administration Services
- Database Clustering Services
- Database Replication Services

Our Basic DBA Service is included at no charge with all of our Managed Hosting plans. Our Advanced, Clusters and Replication DBA Services are available at a nominal fee per server.

	Basic DBA	Advanced DBA	Clusters DBA	Replication DBA
<b>DESIGN / IMPLEMENTATION</b>				
<b>DATABASE ENGINE SUPPORT</b>				
Hardware design	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database engine installation	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database engine management and troubleshooting	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database engine patch management	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database engine monitoring	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database recovery/restore from backup/logs	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
Connectivity support	<i>Included</i>	<i>Included</i>	<i>Included</i>	<i>Included</i>
<b>DATABASE ADMINISTRATION</b>				
Database design	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database implementation	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database management and troubleshooting	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database security and vulnerability review	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database schema changes	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database user account management	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
Database performance tuning	-	<i>Included</i>	<i>Included</i>	<i>Included</i>
<b>CLUSTERING ADMINISTRATION</b>				
Database cluster design	-	-	<i>Included</i>	-
Database cluster implementation	-	-	<i>Included</i>	-
Database cluster management and troubleshooting	-	-	<i>Included</i>	-
Database cluster monitoring	-	-	<i>Included</i>	-
Database cluster failover monitoring	-	-	<i>Included</i>	-

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	Basic DBA	Advanced DBA	Clusters DBA	Replication DBA
<b>REPLICATION ADMINISTRATION</b>				
Replication design	-	-	-	<i>Included</i>
Replication implementation	-	-	-	<i>Included</i>
Replication management and troubleshooting	-	-	-	<i>Included</i>
Replication and data integrity monitoring	-	-	-	<i>Included</i>
Replication failover monitoring	-	-	-	<i>Included</i>

## PUT OUR EXPERTS TO WORK FOR YOU

The PEER 1 Hosting DAP database experts will deliver critical and measurable improvements in database response and performance. Let us help you be more efficient, control costs, and increase your end-user satisfaction.

## CONTACT US TODAY

- Call us at **1.866.579.9690**
- Go to **[www.peer1.com](http://www.peer1.com)** and chat with an online sales assistant.