

Oracle Proactive Support Tools Performance Management

**MONITOR.
ANALYZE.
TUNE.**

Oracle proactive support tools help create an efficient, high-performing infrastructure.

Oracle Premier Support provides advanced performance management tools that cover a wide array of products extending through the complete Oracle technology stack.

Under performing is not an option. In today's competitive marketplace business-critical applications require a new approach to performance management. Monitoring system performance is critical to IT and business success. To help you take full advantage of your systems, Oracle Support has developed a set of performance management tools to help tune and optimize the performance of your computing environments.

Practical performance management encompasses several areas including incident, availability, capacity, and service level management. Oracle Premier Support offers tools and resources with capabilities in performance, tuning, and monitoring to help IT managers and administrators drive greater business value from their Oracle solutions.

Accessed through My Oracle Support, these performance management tools deliver powerful resources to help you make informed decisions through collection, measurement, and analysis of data across the entire lifecycle. When combined with other proactive tools you get operational insights and performance gains to realize performance advantages.

THREE REASONS TO USE ORACLE PERFORMANCE MANAGEMENT SUPPORT TOOLS

Monitor critical information

- Monitor system performance and capacity.
- Identify bottlenecks and take corrective action.
- Increase staff efficiency.

Analyze performance

- Understand history, present trends, and predict future probabilities.
- Make well-informed decisions.
- Link IT and business metrics.

Tune systems

- Gain faster return on investment with planning and configuration assessment tools.
- Ensure optimum use of software resources.
- Transform from reactive to proactive environment.

ADVANCED RESOURCES TO DRIVE SUCCESS

Oracle performance management resources enable you to manage the key areas of your patch management and software maintenance functions. Additionally, use of these tools during installation, configuration, and implementation functions can help you detect, diagnose, and remedy performance issues to ensure that application performance meets or exceeds end-user and business expectations.

Oracle is committed to delivering faster, easier, and more cost effective ways to help you manage and support the complete Oracle stack. The proactive support tools from Oracle Support offer personalized, proactive, and collaborative support capabilities that can help you better manage system change, performance, and upgrades as well as diagnose issues. And these tools are included as part of your annual Oracle Premier Support subscription.

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Oracle Performance Management Tools

Below is a summary of the most popular tools used to optimize performance across the lifecycle.

Oracle Database	
Remote Diagnostics Agent (RDA)	<p>RDA includes a suite of data collection and diagnostic scripts that aid in analysis and support of Oracle products. Use of these tools helps you more efficiently optimize system performance and security, as well as manage pre-installation, upgrade, and setup activities.</p> <ul style="list-style-type: none"> Automated resolution by enabling self service problem diagnosis. Pre-installation validation checks to avoid error during installation. Bundled with on-board tools (Network Advisor, Ora-600, and RAC and EM Post checks).
Operating System Watcher (OSW)	<p>OSW is a collection of UNIX shell scripts intended to collect and archive operating system and network metrics to aid in diagnosing performance issues. OSW operates as a set of background processes on the server and gathers OS data, invoking such Unix utilities as vmstat, netstat and iostat.</p> <ul style="list-style-type: none"> Collects specific data using Unix operating system diagnostic utilities. Controls data collector processes to collect specific data, timestamp the data output, and append the data to pre-generated and unique named files. Invokes distinct operating system utilities with defined background process as data collectors.
PL/SQL Tuning Scripts	<p>The PL/SQL tuning scripts are a set of tools used to diagnose performance related issues.</p> <ul style="list-style-type: none"> PL/SQL Profiler – identifies lines of PL/SQL code which are taking longer to process. SQLTXPLAIN Plan - generates comprehensive reports, including the explain plan for a given SQL statement, cost-based optimizer statistics for the objects accessed by the statement, and details of related objects. TRCANLZR - Interprets raw SQL trace and generates a comprehensive HTML report with performance related details.
Oracle E-Business Suite	
E-Business Suite Diagnostic Framework	<p>Oracle's eBusiness Suite Diagnostics provide detailed system intelligence and recommend proactive actions that can help you tune system performance.</p> <ul style="list-style-type: none"> Assists with set up, installation, and upgrade. Compares different instances such as test and production. Examines activity configuration data, provides feedback, and suggests appropriate remediation.
PeopleSoft Enterprise	
PeopleSoft Performance Monitor	<p>Performance Monitor is a tool installed separately with PeopleSoft PeopleTools that assembles and organizes the steps necessary to apply patches and fixes for your PeopleTools maintenance updates. The tool enables you to:</p> <ul style="list-style-type: none"> Monitor real-time system performance and identify performance trends. Identify poorly performing tiers, hosts, domains, servers, application code, and SQL. Address and isolate performance bottlenecks.
JD Edwards	
JD Edwards Performance Monitor	<p>Performance Monitor is a tool installed separately with JD Edwards EnterpriseOne and JD Edwards World to help monitor performance of various system components. It assembles and organizes the steps necessary to apply patches and fixes for your maintenance updates. The Performance Monitor enables you to:</p> <ul style="list-style-type: none"> Monitor real-time system performance and identify performance trends. Identify poorly performing tiers, hosts, domains, servers, application code, and SQL. Address and isolate performance bottlenecks.

For more information: <http://www.oracle.com/support/premier/proactive-automated-support.html>

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