



peakmarks® Performance Assessment

Data Sheet

July 2019

Business Value

Experienced specialists measure the performance of Oracle database services (on-premise and in the cloud) within one week at a fixed price and quickly and reliably determine the most critical performance indicators for

- Quality assurance
- Evaluations
- Capacity planning

Bottlenecks, misconfigurations, and malfunctions are detected before the commissioning of new database services. This ensures that the Oracle database service delivers the expected performance in all load situations from day one. We call this a predictable and lasting performance.

When evaluating cloud services and on-premise infrastructures, up to 50% of license and maintenance costs can be saved by choosing the right solution. This ensures an efficient database service with minimal Oracle license and maintenance costs.

Performance indicators are a solid foundation for capacity planning, e.g., when migrating database services to new platforms or cloud services.

In many cases, a peakmarks® Performance Assessment can save a long-lasting and expensive proof-of-concept.

Our Service

The most critical performance indicators are determined for

- Platform components like storage system and server system
- Essential database processes like log writer and database writer
- Representative database operations like data load, data analytics and transaction processing
- PL/SQL application software

Up to 2 database services can be validated in parallel during this 5-day assessment. The results of the assessment are documented in a performance certification. peakmarks® Benchmark Software delivers understandable key performance metrics for representative database operations. The results are presented and explained in a PowerPoint format with all the details. If desired, comparisons with "best-in-class" systems can be made.

Summary	
Number of database services	2
Duration	Fixed, 5 days
Costs	Fixed, contact us for a quote contact@peakmarks.com
Prerequisites	<ul style="list-style-type: none"> ▪ Storage capacity for benchmark database; configurable between 50 GByte and 32 TByte per database instance ▪ Tool PUTTY for server access ▪ Tool SCP for file transfer ▪ The system should be isolated and standalone to avoid side effects as much as possible
Supported Oracle Versions	Oracle 12.2, 18.3, 18.4 and 19.3 Enterprise Edition peakmarks® Benchmark Software runs on all supported Oracle RDBMS operating systems
Supported Oracle Features	<ul style="list-style-type: none"> ▪ Parallel Query ▪ Data Guard ▪ Real Application Cluster ▪ In-Memory Option ▪ Exadata smart scan ▪ Exadata flash cache ▪ Database flash cache ▪ Transparent database encryption ▪ Memory-optimized tables ▪ PL/SQL stored procedures
Report	<ul style="list-style-type: none"> ▪ peakmarks® Performance Certification ▪ PowerPoint presentation ▪ Detailed peakmarks® benchmarks reports and Oracle AWR reports

About peakmarks

Peakmarks AG is a manufacturer-independent company that offers services and software for benchmarking Oracle database services. The company was founded in 2011 and is based in Thalwil near Zurich.

Users of Oracle databases for transaction processing, data warehouse and data analytics use peakmarks® Benchmark Software for quality assurance, platform evaluation, capacity planning, and license cost optimization.