

# Oracle Database Machine Administrator

## ORACLE<sup>®</sup> Advanced Customer Services

### DRIVE OPERATIONAL EFFICIENCIES

#### KEY FEATURES

- Allocate a single resource responsible for operational management from the network to database
- Specialized database machine skills
- Leverage Oracle engineering expertise

#### KEY BENEFITS

- Drive operational savings
- Consolidate IT operational skills
- Help ensure highest availability and performance

#### RELATED SERVICES FROM ORACLE ADVANCED CUSTOMER SERVICES

The following services are also available from Oracle Advanced Customer Services:

- Oracle Advanced Monitoring and Resolution
- Solution Support Center

The Oracle Database Machine Administrator has the specialized skills to operate and administer all aspects of a database machine such as Oracle Exadata or Oracle SuperCluster. Oracle Database Machine Administrators help you realize the operational benefits of your engineered system by managing all components—servers, storage, software, database, and networking—with a single individual.

### Specialized Database Machine Support

Oracle Database Machine Administrator service helps ensure the highest level of availability and optimized performance of Oracle Exadata and Oracle SuperCluster. As part of Oracle Advanced Customer Services, this global team of IT professionals is dedicated to operational excellence of Oracle's database machines.

Oracle Database Machine Administrators deliver operational recommended practices and procedures for server, network, Oracle Exadata, and database. For example, you may receive resource management recommended practices—including Exadata—specific administration, disaster recovery procedures, backup recovery recommended practices, and monitoring setup and procedures.

### Benefits of Operational Consolidation

Oracle Exadata and Oracle SuperCluster unify network, storage, compute nodes, and clustered or individual databases into a single pre-built system. The performance gains and consolidation benefits of these systems are compelling; however, there are also operational consolidation benefits that should be considered.

A single individual can manage all of the functional areas encapsulated in Oracle Exadata and SuperCluster that would otherwise be spread across multiple individuals such as Database Administrators, Systems Administrators, and Network Administrators. However, it is often challenging to find database administrators who are competent with servers, storage, and the network administrative responsibilities required of an engineered system.

The Oracle Database Machine Administrators have specialized administrative training specifically on Oracle Engineered Systems covering compute, storage, networking, and database administration. As an extension of your IT operations team, Oracle Database Machine Administrators gain personalized knowledge of your unique requirements, and assist in the administration and optimization of your engineered system.

Key activities may include:

- Develop and maintain system documentation related to your Oracle Exadata/Oracle SuperCluster, and software configuration
- Patch and release management (database, server, network, Oracle Exadata)
- Establish appropriate procedures and guidelines to pursue, track, and document service requests
- Evaluating overall performance of your computer systems and providing recommendations for improving performance
- Monitor and maintain critical hardware information for the database machine
- Monitor and address database machine alerts
- For Oracle Exadata/Oracle SuperCluster: New database instance creation, backup and recovery procedures implementation, Database administration, Performance tuning of the database
- Monitor and manage infiniband performance using the aggregate sensor that takes input from multiple sensors
- Set up alerts and threshold criteria in Enterprise Manager Cloud Control

## Why Oracle Database Machine Administrators

Oracle Advanced Customer Services delivers installation, configuration, and on-going advanced support for most Oracle Exadata and Oracle SuperCluster deployments. Our engineers also deliver the resolution, monitoring, and patching services associated with Oracle Platinum Services that provide custom mission-critical support to some of the largest engineered systems deployments.





They have daily field experience working with Oracle Exadata and Oracle SuperCluster. Choose Oracle Database Machine Administrators, delivered by Oracle Advanced Customer Services, and take full operational advantage of your Oracle Engineered System.

### CONTACT US

For more information about Oracle Database Machine Administrator, visit [oracle.com/acs](http://oracle.com/acs), email us at [acs\\_ww@oracle.com](mailto:acs_ww@oracle.com), or call +1.800.ORACLE1 to speak to an Oracle representative.



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### Integrated Cloud Applications & Platform Services

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