Oracle Database Machine Administrator

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 whether servers, storage, software, database, and networking – with a single individual.

**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

**Specialized Database Machine Support**

Oracle Database Machine Administrator 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 best practices and procedures for server, network, Oracle Exadata, and database. For example you may receive resource management best practices - including Exadata specific administration, disaster recovery procedures, back/up recovery best 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 network administrative responsibilities required of an engineered system.

Oracle Database Machine Administrators have specialized administrative training specifically on Oracle’s 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 or your engineered system.

Key activities may include:
- Develop and maintain system documentation related to your Oracle Exadata / Oracle SuperCluster and software configuration
The following services are also available from Oracle Advanced Customer Services:

- Oracle Advanced Monitoring and Resolution
- Solution Support Center
- Patch & 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 Support 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 which provides 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 Support, and take full operational advantage of your Oracle Engineered System.