

# SequelGate

*An ISO Certified Training Institute*

*A Unit of Sequelgate Innovative Technologies Pvt. Ltd.*

[www.sequelgate.com](http://www.sequelgate.com)

## Oracle DBA COURSE

Complete Practical & Real-time Training

**Mode:** Instructor Led – LIVE, Online Training  
**Duration:** Seven Weeks, Weekly 6 days  
**Type:** 100% Practical. Theory Material provided in Advance

### Training Highlights

- ✓ Complete Practical and Real-time Scenarios
- ✓ Study Material and Practice Labs
- ✓ Session wise notes & Doubts Clarifications
- ✓ Certification Material & Resume Preparation
- ✓ Interview Preparation and Guidance
- ✓ Technical Support and Placements Assistance
- ✓ One Real-time Case Study and FAQs with Answers
- ✓ Mock Interview and Course Completion Certificate

**All Training Sessions are Completely Practical & Real-time.**

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# Oracle DBA (Admin) Training

All Our Training Sessions are COMPLETELY PRACTICAL & REALTIME with Hands-On Lab.

Course includes: Study Material, Practice Material, Interview Guidance and a Real-time Project

Module: I	Module: II
<b>Introduction to Database Management Systems</b> <ul style="list-style-type: none"><li>• What is Database? Why Database?</li><li>• Major Databases and Database Vendors</li><li>• Roles and Responsibilities of DBA</li></ul> <b>Oracle Database Architecture</b> <ul style="list-style-type: none"><li>• <b>What is Database Instance?</b></li><li>• Memory Structures – SGA, PGA</li><li>• Background Processes</li><li>• Server Processes</li><li>• Database Files</li><li>• Physical &amp; Logical Structures</li></ul> <b>Installing Oracle Database Software</b> <ul style="list-style-type: none"><li>• Planning for Oracle Database Software Installation</li><li>• Understanding Oracle Universal Installer (OUI)</li><li>• Installing Oracle 12cR1 database software</li></ul> <b>Creating Oracle Database</b> <ul style="list-style-type: none"><li>• Planning for an Oracle Database Creation</li><li>• Creating an Oracle Database using the MANUAL method</li><li>• Creating an Oracle Database using the Graphical Tool (DBCA)</li></ul> <b>Starting &amp; Stopping Oracle Database</b> <ul style="list-style-type: none"><li>• Startup &amp; Shutdown Modes</li></ul>	<b>Configuring Oracle Net Services</b> <ul style="list-style-type: none"><li>• Introduction to Oracle Net Services Components</li><li>• Oracle Listener Configuration (Dynamic and Static Listeners)</li><li>• Dynamic Service Registration</li><li>• Naming Methods Configuration</li><li>• Enabling Database for allowing Client Connections</li><li>• Using NETCA (Network Configuration Assistant) for Configuring Oracle Net Services</li><li>• Understanding the importance of TNS_ADMIN directory</li></ul> <b>Users and Roles Management</b> <ul style="list-style-type: none"><li>• Creating User Accounts</li><li>• Managing User Accounts</li><li>• Understanding Privileges</li><li>• Managing Privileges</li><li>• Understanding Roles</li><li>• Managing Roles</li><li>• Using Database Profiles for Efficient Resource Management</li><li>• Locking &amp; Unlocking Users</li></ul> <b>User Managed (Manual) Backup and Recovery</b> <ul style="list-style-type: none"><li>• Planning for a Backup and Recovery Strategy</li><li>• Taking Offline Backup for a Database</li><li>• Taking Online Backup for a Database</li><li>• Cloning Database using Cold Backup</li><li>• Cloning Database using Hot Backup</li></ul>

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<ul style="list-style-type: none"> <li>Starting &amp; Stopping the Database</li> <li>Read-only &amp; Restricted Modes</li> </ul> <p><b>Parameter Files, Diagnostic Data &amp; Data Dictionary</b></p> <ul style="list-style-type: none"> <li>Understanding Initialization Parameters</li> <li>Managing Diagnostic Data</li> <li>Automatic Diagnostic Repository (ADR)</li> <li>Understanding Data Dictionary</li> <li>Understanding Static &amp; Dynamic Performance Views</li> </ul> <p><b>Managing Tablespaces &amp; Data Files</b></p> <ul style="list-style-type: none"> <li>Tablespace and Data Files Concepts</li> <li>Creating &amp; Managing Tablespaces</li> <li>Understanding Small file Tablespaces and Big file Tablespaces</li> <li>Blocks, Extents, Segments</li> <li>Understanding Extent Management</li> <li>Understanding Space Management</li> <li>Creating Undo Tablespaces</li> <li>Configuring Undo Retention</li> <li>Creating Temporary Tablespaces</li> <li>Managing Temporary Tablespaces</li> </ul> <p><b>Chapter – 8 Patching Oracle Applications</b></p> <ul style="list-style-type: none"> <li>Patch Classification</li> <li>One –off patches ,Mini Packs, Maintenance packs</li> <li>Family Packs</li> <li>Patch File Structure</li> <li>Patch Drivers</li> <li>Auto Patch</li> <li>Downloading a Patch</li> <li>Meta link</li> <li>Querying a patch</li> <li>Downloading a patch</li> <li>Applying a Patch</li> <li>Interactive and Non-Interactive Patching</li> <li>Auto patch Modes</li> <li>Test Mode</li> <li>Pre-Install Mode</li> <li>Merging Patches</li> <li>Applying Merged patches</li> <li>Ad patch Command Line options</li> </ul>	<ul style="list-style-type: none"> <li>Restoring Database from a Backup</li> </ul> <p><b>RMAN Backup and Recovery</b></p> <ul style="list-style-type: none"> <li>Advantages of RMAN Backup over User Managed Backup</li> <li>Backup Database using RMAN (Normal &amp; Compressed)</li> <li>Backup Database using RMAN Catalog</li> <li>Querying the RMAN Metadata</li> <li>Cloning Database using RMAN Duplicate Database</li> <li>Restoring Database from Backup in the event of a Media Failure</li> <li>Configuring Backup Retention Policies</li> <li>Purging Expired Archive log Files and Old Backup Pieces</li> </ul> <p><b>Oracle Database Upgrades</b></p> <ul style="list-style-type: none"> <li>Understanding Oracle Database Versions</li> <li>Upgrading Database to Oracle 12c from Previous Patch set</li> <li>Upgrading Database to Oracle 12c from Previous Release</li> <li>Patching Oracle Database</li> <li>Understanding Oracle Interim Patch Installer (OPATCH)</li> <li>Understanding Interim Patches, Bundle Patches, and PSUs</li> </ul> <p><b>Oracle Database Cloning</b></p> <ul style="list-style-type: none"> <li>Planning for Database Cloning</li> <li>Cloning Oracle Home</li> <li>Cloning Database (Manual &amp; RMAN)</li> </ul> <p><b>Oracle Database Migration Tools</b></p> <ul style="list-style-type: none"> <li>Understanding the need for Migration Tools</li> <li>Understanding Logical Backups</li> <li>Advantages of Data Pump over Conventional Export/Import Tools</li> <li>Data Pump Export Modes</li> <li>Advanced Features in Oracle Data Pump Export</li> <li>Understanding Transportable Tablespaces</li> </ul>
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<ul style="list-style-type: none"> <li>• Patch Failures</li> <li>• Restarting the Auto patch</li> <li>• Monitoring patch progress</li> </ul> <p><b>Managing Control files</b></p> <ul style="list-style-type: none"> <li>• Creating Control files</li> <li>• Multiplexing Control files</li> <li>• Creating Backup Control files</li> <li>• Renaming Files in Control files</li> </ul> <p><b>Redo Log Files &amp; Archiving</b></p> <ul style="list-style-type: none"> <li>• Understanding Online Redo Log Files</li> <li>• Managing Online Redo Log Files</li> <li>• Configuring Database in Archive log Mode</li> <li>• Understanding Archived Redo Log Files</li> </ul>	<p><b>Oracle Multitenant Databases Architecture</b></p> <ul style="list-style-type: none"> <li>• Understanding Container Database (CDB)</li> <li>• Understanding Pluggable Databases (PDB)</li> <li>• Understanding the differences in Architecture</li> <li>• Advantages of Container Databases</li> <li>• Users, Roles, and Privileges in CDBs</li> </ul> <p><b>Creating Container Databases</b></p> <ul style="list-style-type: none"> <li>• Creating a Non-CDB Database using DBCA Tool</li> <li>• Creating a CDB Database using DBCA Tool</li> <li>• Converting a Non-CDB Database to Container Database</li> <li>• Plugging and Un-plugging Pluggable Databases</li> <li>• Cloning a Pluggable Database</li> </ul> <p><b>Oracle Database Performance Tuning</b></p> <ul style="list-style-type: none"> <li>• Handling Performance Issues in Real World</li> <li>• Using V\$ Dynamic Views for Monitoring Database Performance</li> <li>• Enabling Tracing for User Sessions</li> <li>• Understanding EXPLAIN PLAN</li> <li>• Using TKPROF Utility to Convert Trace Files to Human Readable Format</li> <li>• Gathering Statistics for a Table, Schema, and Database</li> <li>• Understanding Automatic Workload Repository (AWR)</li> <li>• Generating AWR Reports</li> <li>• Understanding Oracle Database Wait Events</li> </ul> <p><b>Advanced Oracle Database Concepts</b></p> <ul style="list-style-type: none"> <li>• Understanding Automatic Storage Management</li> <li>• Understanding Real Application Clusters</li> <li>• Understanding Disaster Recovery Solutions like Oracle Data Guard</li> </ul>
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### Pre-requisites for this Course:

This is a starter course, no pre-requisites required. We provide free orientation classes for starters! Course includes Study Material, Interview & Certification guidance along with one Real-time Case Study.

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### About Trainer:

**Mr. Suresh is a Oracle DBA** working in an MNC company - With more than 9 years of expertise and passion for Oracle DBA, Administration (DBA) - All his training sessions are completely **practical, real-time** and highly **interactive**.

### Joining Procedure:

Participant needs to attend for a free demo. Registrations accepted after attending the demo session. For Free Demo / Further Clarifications, please reach us.

### SequelGate

#### **SequelGate (I) Technologies Pvt. Ltd.**

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## Why Choose Us?

- ✓ Complete Practical and Real-time Sessions
- ✓ Study Material and Practice Labs
- ✓ Certification Material & Resume Preparation
- ✓ Interview Questions, Preparation and Guidance
- ✓ One Mock Interview per Course
- ✓ Technical Support and Placements Assistance
- ✓ ISO Certified Training Organization

For Course Fee and Free Demo schedules, you may also refer to <http://sequelgate.com/contact-us.html>



**We ASSURE you on complete practical, real-time training services.**

Thank You!

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