

All Trainings are completely Real - Time & practical

**SequelGate**



Regd: SequelGate (I) 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:** Four 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 Training

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

Module: I	Module: II
<b>Database Management Systems</b>	<ul style="list-style-type: none"><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>
<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>Configuring Oracle Net Services</b>
<b>Oracle Database Architecture</b>	<ul style="list-style-type: none"><li>• Oracle Net Services Components</li><li>• Oracle Listener Configuration</li><li>• Dynamic Service Registration</li><li>• Naming Methods Configuration</li><li>• Enabling Database for allowing Client</li><li>• NETCA for Configuring Oracle Net Services</li><li>• The importance of TNS_ADMIN directory</li></ul>
<ul style="list-style-type: none"><li>• What is Database Instance?</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><li>• Installing Oracle Database Software</li></ul>	<b>Users and Roles Management</b>
<b>Oracle Database Software Installation</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>• Profiles for Efficient Resource Management</li><li>• Locking &amp; Unlocking Users</li></ul>
<ul style="list-style-type: none"><li>• Understanding Oracle Universal Installer (OUI)</li><li>• Installing Oracle 12cR1 database software</li></ul>	<b>User Managed Backup and Recovery</b>
<b>Creating Oracle Database</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></ul>
<ul style="list-style-type: none"><li>• Planning for an Oracle Database Creation</li><li>• Oracle Database using the MANUAL method</li><li>• Oracle Database using the Graphical Tool</li></ul>	
<b>Starting &amp; Stopping Oracle Database</b>	
<ul style="list-style-type: none"><li>• Startup &amp; Shutdown Modes</li><li>• Starting &amp; Stopping the Database</li><li>• Read-only &amp; Restricted Modes</li></ul>	
<b>Parameter Files, Diagnostic Data</b>	
<ul style="list-style-type: none"><li>• Understanding Initialization Parameters</li><li>• Managing Diagnostic Data</li><li>• Automatic Diagnostic Repository (ADR)</li></ul>	

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- Understanding Data Dictionary
- Understanding Static & Dynamic Performance

### Managing Tablespaces & Data Files

- Tablespace and Data Files Concepts
- Creating & Managing Tablespaces
- Understanding Small file Tablespaces and Big file Tablespaces
- Blocks, Extents, Segments
- Understanding Extent Management
- Understanding Space Management
- Creating Undo Tablespaces
- Configuring Undo Retention
- Creating Temporary Tablespaces
- Managing Temporary Tablespaces

### Patching Oracle Applications

- Patch Classification
- One –off patches ,Mini Packs, Maintenance packs
- Family Packs
- Patch File Structure
- Patch Drivers
- Auto Patch
- Downloading a Patch
- Meta link
- Querying a patch
- Downloading a patch
- Applying a Patch
- Interactive and Non-Interactive Patching
- Auto patch Modes
- Test Mode
- Pre-Install Mode
- Merging Patches
- Applying Merged patches
- Ad patch Command Line options
- Patch Failures
- Restarting the Auto patch
- Monitoring patch progress

### Managing Control files

- Creating Control files
- Multiplexing Control files
- Creating Backup Control files
- Renaming Files in Control files

- Cloning Database using Cold Backup
- Cloning Database using Hot Backup
- Restoring Database from a Backup

### RMAN Backup and Recovery

- RMAN Backup over User Managed Backup
- Backup Database using RMAN
- Backup Database using RMAN Catalog
- Querying the RMAN Metadata
- Cloning Database using RMAN Duplicate Database
- Restoring Database from Backup in the event of a Media Failure
- Configuring Backup Retention Policies
- Purging Expired Archive log Files
- Old Backup Pieces

### Oracle Database Upgrades

- Understanding Oracle Database Versions
- Upgrading Database to Oracle 12c from Previous Release
- Patching Oracle Database
- Oracle Interim Patch Installer (OPATCH)
- Interim Patches, Bundle Patches, and PSUs

### Oracle Database Cloning

- Planning for Database Cloning
- Cloning Oracle Home
- Cloning Database (Manual & RMAN)

### Oracle Database Migration Tools

- Understanding the need for Migration Tools
- Understanding Logical Backups
- Advantages of Data Pump over Conventional Export/Import Tools
- Data Pump Export Modes
- Advanced Features in Oracle Data Pump Export
- Understanding Transportable Tablespaces

### Oracle Multitenant Databases Architecture

- Understanding Container Database (CDB)
- Understanding Pluggable Databases (PDB)
- Understanding the differences in Architecture
- Advantages of Container Databases

<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 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> </ul>	<ul style="list-style-type: none"> <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>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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**Course includes:** Study Material, Practice Material, Interview Guidance and a Real-time Project

**Pre-requisites for this Course:**

Basics of SQL is required. We provide free orientation classes for starters! Course includes Study Material, Interview & Certification guidance along with one Real-time Case Study.

**About Trainer:**

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.

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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>



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

*Thank you!*