

ORACLE DBA

Course By Experts



About QuickXpert Infotech

QuickXpert Infotech provides professional training on some of the most updated, industry-designed certification & job-oriented training programs to both students & corporate from experts in classroom & online training format. Our wide range of courses blended by our placement process have helped students from both IT & non-IT fields to make career in IT Industry!

➤ **IT Courses - 1000+ Companies - 1000s Trained – Since 2014!**

Courses Offered – JAVA, Dot Net, Software Testing, Web Development, Oracle Developer & DBA, MySQL, SQL Server, Digital Marketing, Python, Data Science & A.I., Data Analytics, Tableau, Power BI, R Programming, Hadoop, Android, Flutter, Salesforce, ServiceNow etc. please visit website for details.

Our Live Projects – MarriageOnix.com, BiodataKing, CRM Support etc.

About The Course

Oracle is World's No.1 Database Server in world. Hence it always have Job Opportunities in Industry. Servers being heart of company hence they need to be maintained where Oracle DBAs or Oracle Database Administrators are required on large scale to maintain database servers in healthy conditions, to take back ups, manage performance via database tuning, generate database health reports etc. As part of this course you will learn all above activities plus Linux commands as Oracle Servers are generally installed in Linux environment. We have also covered Latest Oracle 18c Multi Tenants making it Best Course in Industry. Learn all above modules & **become an Oracle DBA Expert**.

Who Can Learn ?

Fresher or Experienced people interested to become Database Administrators from either IT or non IT background want to make career in evergreen database administrator field.

Any Pre-requisites ?

None ! We will teach you right from Basics. Hence anyone can learn.

Duration

Duration: 50 to 55 hours (2 months)

Syllabus

❖ Introduction of Oracle DBA

❖ Linux Setup on (Oracle VM) Virtual Machine

- Setting up a VM (Virtual Machine)
- Importing Linux Image into VM
- Linux Commands - Example (ps, ls, top, df and many more) as required for DBA

❖ Installing Oracle Database Server on Linux VM

- Installing Oracle 18c XE DB via rpm
- Setting bash profiles
- Working with Listeners, Tnsnames.ora & Listener.ora files

❖ Understanding Oracle Database Architecture

- Architectural Components
- Background Processes
- Memory structures like SGA, PGA, shared pool, large pool and many more

❖ Understanding Oracle Database Instance

- PFILE, SPFILE and parameter changes
- DB startup and shutdown modes
- Alert.log, dictionary views and dynamic performance views
- Blocks
- Extents
- Segments
- Tablespace Management
- Introduction to Tablespace

❖ Tablespace Creation

- Managing Datafiles
- Undo Tablespace
- Temp Tablespace

❖ **Creating Database**

- Updating server files
- Mapping Database Instance
- Mapping Tablespaces
- Mapping users
- Setting up privileges

❖ **Using Database**

- Table Creation
- CRUD Operations
- Select Queries
- Table Management

❖ **Administering User Security and Resources**

- Creating Users, Roles etc
- Assigning Roles
- Managing Profiles

❖ **Managing Data Concurrency**

- Understanding Object and Row locking
- Simulating locking Scenario, Detecting and Resolving it via SQL scripts

❖ **Backup and Recovery**

- Types of backups: Hot and Cold
- RMAN Backups
- Putting DB in Archivelog modes
- Restoring DB from RMAN backup

❖ **Data Export / Import**

- SQL Loader
- Export (and taking backups with export)
- Export Datapump

❖ **Misc. Topics**

- db links
- dbms_scheduler

❖ **SQL Tuning (Performance Enhancements)**

- Explain Plan
- DBMS_STATS - Gathering statistics via Oracle supplied package
- Creating Appropriate Indexes
- Table Re-Organization

❖ **Partitioning**

- Types of Partitioning schemes
- Table Partitioning, Tablespace Partitioning etc.
- Understanding Effect of Partitioning
- Listing Partitions

❖ **Instance Tuning & AWR Reports**

- Understanding AWR reports
- AWR vs ASH reports
- Generating AWR reports
- Reading AWR reports

❖ **Tuning Advisors**

- SQL query tuning advisor
- Memory advisors: SGA, PGA, Database Buffer cache advisors
- Automatic Database Diagnostics Monitor (ADDM) reports

❖ **Oracle 18c Multitenant Architecture**

- Basics
- Creating PDBs
- Plugging and unplugging PDBs
- Cloning a PDB within CDB

❖ **Best Practise & Industry Case Study**

Our Benefits

- ❖ **Training from Experts**
- ❖ **Professional Notes & Study Material Provided**
- ❖ **Certification Course**
 - All Participants will get Course Completion ISO Training Certificate from our Institute
- ❖ **Internships with Internship Certificate**
- ❖ **Job Oriented Course**
 - Learn from Scratch
- ❖ **80% Practical's**
- ❖ **Live Projects / Case Studies**
- ❖ **Placements**
 - Dedicated HR Team for Placements, Overall 1000+ Companies for Placements, Check Recent Placed Students on Site / FB / Google Page
- ❖ **Installments Available**
- ❖ **Personal Mentorship**
 - Limited Seats per batch.
- ❖ **Interview Prepare Sessions & Mock Interviews**
- ❖ **Resume Building etc.**

Please visit site for more info

Our 5 Steps Process for Success



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Contact Us

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