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ORACLE DBA:

Oracle database may be a multi-model direction system created and marketed by Oracle Corporation. Oracle product follow a custom release-numbering and -naming convention. The "c" within the current unharness, Oracle information 19c, stands for "Cloud". The Oracle information directors Guide includes a quick history on a number of the key innovations introduced with every major unharness of Oracle information.

Oracle DBAs usually share similar duties as information directors however additionally have to be compelled to stay high of Oracle updates. Firms that build use of the Oracle information vary from middle to large-sized firms, per se Oracle DBAs usually add tiny, specialised groups to keep up the corporate information. You'll notice Oracle DBAs in just about any and every one industries as usually, each business desires some variety of direction.

Oracle information directors (DBAs), organize and store information victimisation Oracle's information software system solutions. Businesses and firms believe Oracle information directors to manage their information firmly and expeditiously.

Oracle DBAs handle capability coming up with, judge information server hardware, Associate in Nursinging manage all aspects of an Oracle information as well as installation, configuration, design, and information migration. Further responsibilities embody performance observance, security, backups, troubleshooting, and information recovery.



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Course Content:

Introduction:

- Identify the prophet product
- Describe the fundamental idea of a social database

Installing prophet database 10g software:

- System requirements
- Use Prophet Ideal Adaptable Engineering (OFA)
- Install programming with the Prophet General Installer

Create a prophet database:

- Oracle Database Architecture
- Oracle example architecture
- Use the Database Creation Assistant

Controlling the database:

- Manually design the Prophet 10g EM dB console
- Start and stop the agent



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- Start and stop the endeavour director database console
- Start and stop the listener
- Start-up and shutdown the database

Storage Structures:

- Defining the table spaces and information files
- Create table spaces
- Manage table spaces
- Obtain table space information
- Create and oversee table space utilizing prophet endeavours manager

Administering users:

- Create and oversee database client accounts
- Create and oversee roles
- Grant and renounce privileges

Oracle Database Security – Just Theory:

- Apply the head of least privilege
- Manage default client accounts



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- Implement standard secret word security features

Oracle Net Services:

- Understand Prophet Net concepts
- Use Prophet Net Supervisor to make and design listeners
- Use the Prophet Net Supervisor to design customer and center level connection
- Use TNSPING to test Prophet Net connectivity

Performance Monitoring:

- Gather enhancer statistics
- View execution metrics

Monitoring and Overseeing Memory:

- Oracle Memory Structures
- Automatic PGA Memory Management
- Using the Memory Advisor
- Using Programmed Shared Memory The executives to stay away from long running question issues



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Monitoring and Settling Lock Conflicts:

- Detect and resolve lock conflicts
- Manage deadlocks

Diagnostic Sources:

- The Alert Log
- Viewing Alarms with EM
- Alerts Warning – – Just Theory
- Editing Edges – – Just Theory
- Trace Files

Proactive Support: Goals – Just Theory:

- Set cautioning and basic alarm thresholds
- Collect and use gauge metrics
- Use tuning and symptomatic advisors
- Use the Programmed Database Symptomatic Screen (ADDM)



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Automatic Stockpiling the executives – - Just Theory:

- ASM Concepts
- ASM General Architecture
- Creating an ASM instance
- Creating tablespaces that utilization ASM storage
- Viewing ASM information
- Migrating a tablespace to utilize ASM storage.

Undo the executives – Just Theory:

- Monitor and regulate undo
- Configure fix retention
- Guarantee fix retention
- Use the fix advisor

Backup and Recuperation – Just Theory:

- Describe the essentials of database reinforcement, re-establish and recovery
- List the sorts of disappointment that may happen in a Prophet Database
- Describe approaches to tune occurrence recovery



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- Identify the significance of checkpoints, re-try log documents, and chronicled log file

Managing Data:

- Manipulating information through SQL
- Using Import
- Using Export

Database backups:

- Configure ARCHIVELOG mode
- Create reliable database backups
- Back your database up without closing it down
- Create gradual backups
- Automate database backups
- Monitor the glimmer recuperation area

Managing pattern objects:

- Create and alter tables
- Define constraints
- View the characteristics of a table



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- View the substance of a table
- Create lists and views

Database Recovery:

- Recover from loss of a control file
- Recover from loss of a re-try log file
- Recover from loss of an information file

Our learning methods include:

- Comprehensive course selection of Instructor-Led Training
- Logistical convenience and interactive classroom experience of Online Training
- Flexible pacing and instructor-guided support of Mentored Learning
- Self-paced convenience of Online ANYTIME

In addition:

- Interview preparation with mock interview drills
- Effective resume building
- Process of applying jobs at the right places



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