

Oracle, exploitation

**SII-369 5 Days (35 Hours)**

Description

What you need to know to operate Oracle 9i/10g/11g in the best conditions of efficiency and security. This course will allow you to master the main mechanisms of Oracle, the basics of SQL and SQL Plus languages, startup processes and backup and import/export techniques.

Who is this training for ?

For whom

IT professionals wishing to guarantee reliable and efficient operation of Oracle.

Prerequisites

Aucune

Training objectives

Training program

Introduction

- Oracle environment.
- File types used.
- Valid processes.
- Tablespaces.
- Dictionary .
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- Valid processes.
- Tablespaces.
- Dictionary.
- Tasks 'operation: monitoring instances, recovering error messages.
- Required tools.
- Presentation of SQL.
- Validation of scripts.
- Using SQL*Plus in operation.
- Recovering the structures of a DB.

Notion d'utilisateur

- User characteristics.
- Recovery of login names, privileges and roles.
- Unlock a user account.
- Stopping a blocked connection.
- Monitoring locks.
- Privileged users.
- SYS and SYSTEM.
- Using groups sysoper and sysdba.

Gestion des structures de stockage

- OFA architecture.
- Tablespaces.
- Find the storage structures of a base and the occupancy rate.
- Segments of rollback/undo.
- Identifying and monitoring rollback segments/undo.

Démarrage et arrêt de la base de données

- Base states.
- Use of the various states.
- Startup.
- Files implemented at startup.
- Troubleshooting.
- Automatic procedures.
- Shutting down.
- Monitoring established connections.

Les accès réseau

- For the server and clients.
- Activation of the SQL*Net/Net layer on the server.
- Configuration files.
- Startup scripts.
- Testing the connection.

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Les sauvegardes et restaurations

- Backup types.
- Cold backup of a database.
- Archive mode.
- Test for presence of archive mode.
- Files to save for a hot backup.
- Hot backup.
- Recovery of error messages when activating the database.
- Identifying/restoring corrupted files.
- RECOVER function.

Fonctions import/export et SQL*Loader

- EXPORT to save a schema, a database.
- Loading tables.
- Message files.
- Load processing .
- Constraints.

Spécificités d'Oracle 11g

- Performance.
- Simplified maintenance.
- Security.
- Oracle Restart.
- Data Recovery Advisor and RMAN enhancements.
- Database migration.