

Oracle Database 12c Multitenant Administration

REFERENCE	COM
INTENDED PARTICIPANTS	This course is for Oracle Database 12c administrators, designers and support engineers. Experience of and a very good grounding in the basic administration of relational databases are necessary, as well as knowledge of the Linux operating system.
LEARNING OBJECTIVES	Understanding multitenancy. Creating and managing a container database and pluggable databases. Managing storage in the container database and pluggable databases. Managing security in the container database and pluggable databases. Monitoring performance and managing resources in the container database and pluggable databases. Performing backups, recoveries and Flashback operations in the container database and pluggable databases. Performing special operations such as Oracle Data Pump transportation. Being able to use the database administration tools hosted in the Cloud (Oracle 12c)
DURATION	2 days
DELIVERY PRICE	Contact Us

Description of Oracle Database 12c Multitenant Administration

Oracle 12c has introduced the Multitenant option, which is one of the biggest architectural changes in the history of the Oracle database. It introduces the container database (CDB) and pluggable database (PDB) concepts.

This course covers the implementation of relational databases in the Cloud.

Resolutely cloud-oriented, Oracle database 12c is distinguished by a new architecture called multiple container. This technology now allows databases to be deployed and hosted in the cloud, whether public, private or hybrid. If this development is really meaningful in the light of current changes, it will impact upon – i.e. render more complex – the work of the administrator. This is why the Oracle company is also developing the basic management tools for its databases, which now favour increased automation of administrative tasks. Participants in this course will learn to administer an Oracle Database 12c thanks to the mastery of these new tools.

COURSE CONTENT

ARCHITECTURE OF THE CONTAINER DATABASE AND PLUGGABLE DATABASES

- Multitenant Architecture
- Provision pluggable databases
- New views of Multitenant

CREATING AND CONFIGURING THE CONTAINER DATABASE AND PLUGGABLE DATABASES

- Using the tools
- Configuring and creating a container database
- Creating pluggable databases
- Removing pluggable databases
- Migrating pluggable databases

MANAGING A CONTAINER DATABASE AND THE ASSOCIATED PLUGGABLE DATABASES

- Connecting
- Managing a container database and the associated pluggable databases
- Managing the opening mode and the parameters of the pluggable databases
- Configuring the initialization parameters of the container database and the associated pluggable databases

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MANAGING STORAGE IN THE CONTAINER DATABASE AND PLUGGABLE DATABASES

- Managing permanent tablespaces in the container database and pluggable databases
- Managing temporary tablespaces in the container database and pluggable databases

MANAGING SECURITY IN THE CONTAINER DATABASE AND PLUGGABLE DATABASES

- Managing common and local users
- Managing common and local privileges
- Managing common and local roles
- Understanding shared and non-shared objects
- Managing common and local profiles

MANAGING AVAILABILITY

- Managing Backups
- Managing recovery operations
- Managing Database Flashback operations
- Duplicating pluggable databases
- Situations and special views

MANAGING PERFORMANCE

- Managing performance
- Managing the allocation of resources
- Maximizing consolidated re-executions of the database

PRACTICAL WORK