

دوره: ۱۹c Oracle Database Administration

مروری بر دوره

طراحی دوره Oracle Database ۱۹c: Administration

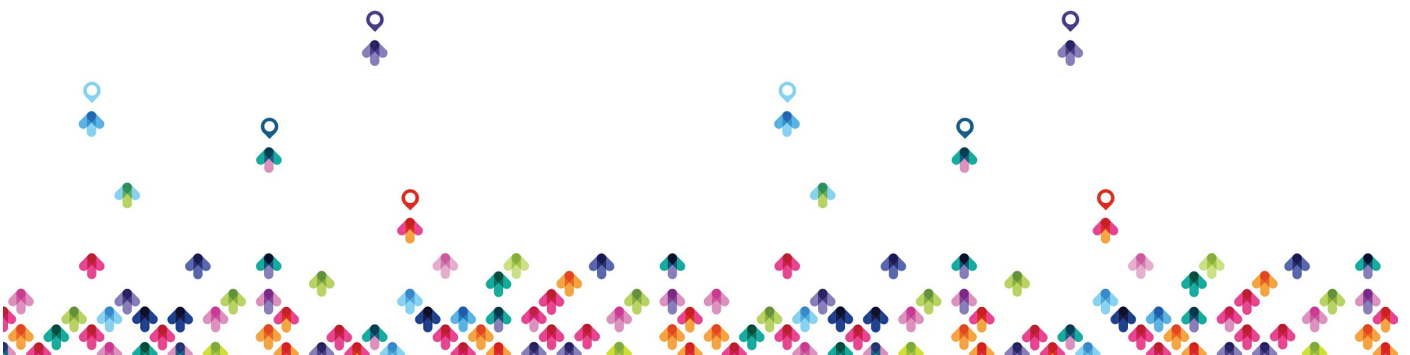
Workshop به گونه ای انجام شده است دانش و مهارت های شما در زمینه نحوه

مدیریت پایگاه داده Oracle را به بهترین شکل ممکن پایه ریزی کند. شناخت صحیح مفاهیم و اصول معماری پایگاه داده Oracle به شما کمک خواهد نمود که چگونه یک پایگاه داده Oracle را به شیوه ای موثر و کارآمد مدیریت کنید.

آنچه در این دوره خواهید آموخت

- Manage an Oracle Database instance.
- Configure the Oracle Network environment.
- Create and manage storage structures.
- Manage and move data.
- Create and manage users.
- Monitor the database and manage performance.
- Create and manage Database as a Cloud Service database deployments.

سرفصل ها



Oracle Database 19c: Administration Workshop

۱: Introduction to Oracle Database

Database Server Architecture

Course Practice Environment: Security Credentials

۲: Accessing an Oracle Database

Accessing an Oracle Database

Demonstration: Usage of general DBCA Tools to Interact with Database

۳: Creating an Oracle Database by Using DBCA

Creating a Database Using DBCA

۴: Creating an Oracle Database by Using a SQL Command

Creating Database using SQL Command

۵: Starting Up and Shutting Down a Database Instance

Starting Up and Shutting Down a Database Instance

Opening and Closing PDBs



۶: Managing Database Instances

Managing the Database

۷: Oracle Net Service: Overview

Configuring and Administering Oracle Net Service

Course Practice Environment: Security Credentials

۸: Configuring Naming Methods

Oracle Net Components

Naming Method

۹: Configuring and Administering the Listener

Configuring and Administering the Listener

۱۰: Configuring a Shared Server Architecture

Configuring a Shared Server Architecture

Configuring Shared Server Mode

Configuring Clients to Use a Shared Server

۱۱: Configuring Oracle Connection Manager for Multiplexing and Access Control

Connection Manager



۱۲: Creating PDBs from Seed

Creating PDBs from Seed

Provisioning New Pluggable Databases

۱۳: Using Other Techniques to Create PDBs

Using Other Techniques to Create PDBs

Method of Creating and Migrating PDBs

۱۴: Managing PDBs

Managing PDBs

۱۵: Database Storage Overview

Database Storage Overview

Purpose of the Default Tablespaces

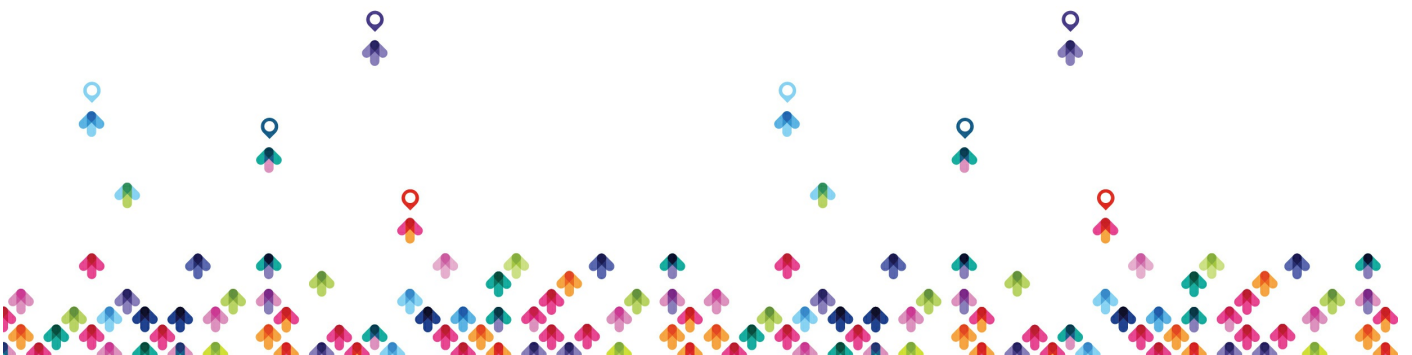
Storage of Data in Blocks

Advantage of Deferred Segment Creation

۱۶: Creating and Managing Tablespaces

Creating and Managing Tablespaces

Viewing Tablespace Information



۱۷: Improving Space Usage

Space Management Features

Creating Global Temporary Tables

۱۸: Managing Undo Data

Managing the Undo

Enabling Temporary Undo

۱۹: Creating and Managing User Accounts

Creating and Managing User Accounts

Creating Common Users in the CDB and PDBs

Assigning Quotas

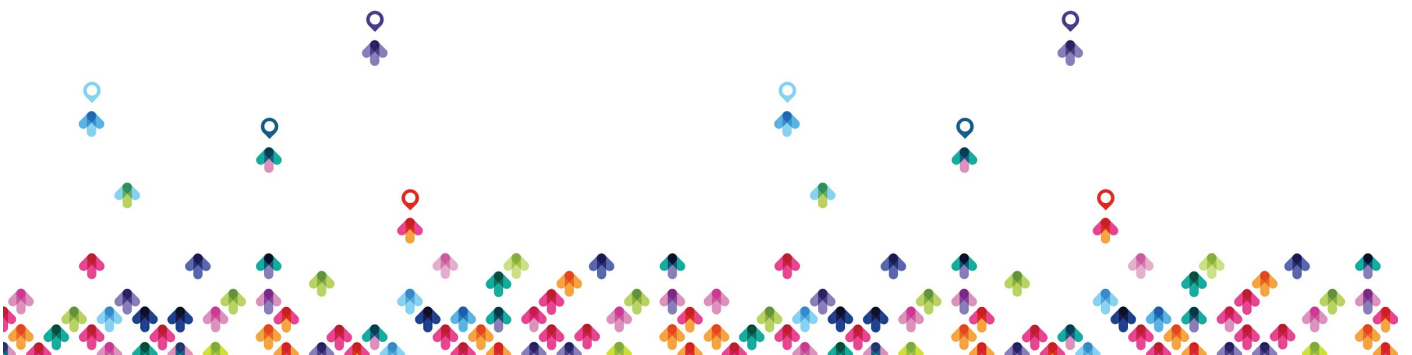
۲۰: Configuring Privilege and Roles Authorization

Configuring Privilege and Roles Authorization

۲۱: Configuring User Resource Limits

Configuring User Resource Limits

۲۲: Implementing Oracle Database Auditing



Implementing Oracle Database Auditing

Configuring Auditing

Viewing Audit Policy Information

۲۳: Introduction Loading and Transporting Data

Introduction Loading and Transporting Data

Course Practice Environment: Security Credentials

۲۴: Loading Data

Loading Data

۲۵: Transporting Data

Transporting Data

Using the RMAN Convert Command

۲۶: Using External Tables to Load and Transport Data

Using External Tables to load Transport Data

۲۷: Automated Maintenance Tasks: Overview

Automated Maintenance Tasks: Overview

Automated Maintenance Tasks: Components



Course Practice Environment: Security Credentials

۲۸: Automated Maintenance Tasks: Managing Tasks and Windows

Configuring Automated Maintenance Tasks

۲۹: Database Monitoring and Performance Tuning Overview

Database Monitoring and Tuning Performance Overview

۳۰: Monitoring Database Performance

Understanding What Database Performance is Monitored

۳۱: Tuning Database Performance

Tuning Database Performance

۳۲: Analyzing SQL and Optimizing Access Paths

Analyzing SQL and Optimizing Access Paths

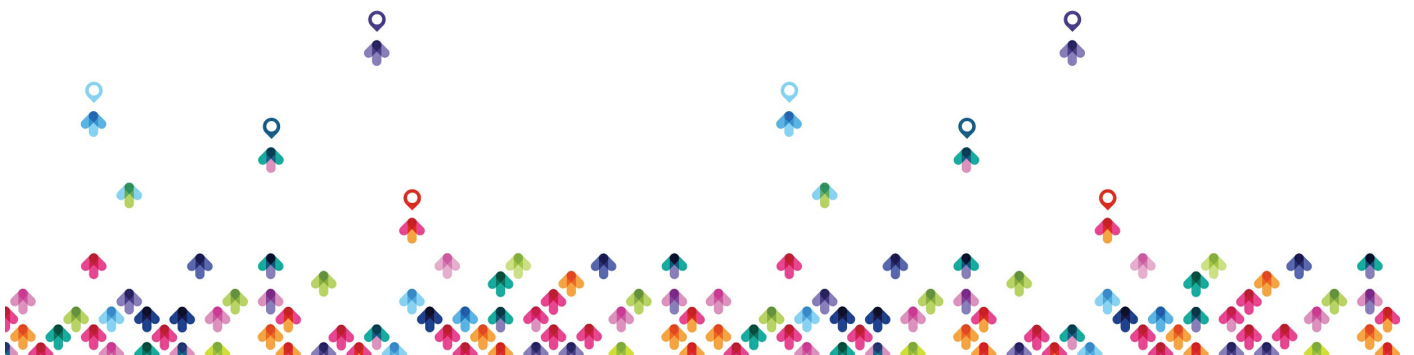
Adaptive Execution Plans

مخاطبان دوره

Data Warehouse •

Administrator •

Database Administrators •



Database Designers •

Support Engineer •

Technical Administrator •

پیش نیازها

برخورداری از سطح دانش و اطلاعات در زمینه SQL

