

Oracle 19c Database Multitenant Architecture

Explore Creating, Managing and Securing Various Types of Pluggable Databases (PDBs) in Multitenant Container Databases (CDBs)

Course Snapshot

- **Course: Oracle Database 19c Multitenant Architecture (TTOR20719)**
- **Duration:** 3 days
- **Skill-Level:** Introductory level
- **Hands-on Learning:** This course is approximately 50% hands-on lab to lecture ratio, combining engaging expert lessons, demos and group discussions with real-world, skills-focused machine-based labs and exercises. Student machines are required.
- **Delivery Options:** This course is available for **onsite private classroom presentation, live online virtual presentation**, or can be presented in a **blended learning format**. Please also ask about our **Self-Paced / Video / QuickSkills** or **Mini-Camp / Short Course** flexible delivery options.
- **Public Schedule:** This course has active dates on our live-online open enrollment **Public Schedule**.
- **Customizable:** This course agenda, topics and labs can be further adjusted to target your specific training skills objectives, tools and learning goals. Please ask for details.

Overview

The multitenant architecture enables you to have many pluggable databases inside a single Oracle Database instance. **Oracle Database 19c Multitenant Architecture** is a three-day hands-on course that explores the multitenant architecture and the different types of pluggable databases (PDBs) in multitenant container databases (CDBs).

NOTE: This training is NOT Official Oracle University training. This is independent, adjustable content that aligns with current topics, skills and tools that participants need to excel in these areas.

Learning Objectives

This course is approximately 50% hands-on lab to lecture ratio, combining engaging expert lessons, demos and group discussions with real-world, skills-focused machine-based labs and exercises. Working in a hands-on learning environment led by our expert facilitator, you'll explore:

- Core concepts of regular PDBs
- Creating a CDB, and then using different methods to create PDBs.
- How to start and shut down a CDB and how to open and close a PDB.
- Security aspects in CDBs and PDBs in various areas like privileges and roles, lockdown profiles, auditing, Database Vault, and encryption.
- Availability through backup, duplicate, recovery, and flashback topics and then performance, monitoring, and resources allocation management in CDBs and PDBs.
- How you can move data from a non-CDB environment to a PDB.
- How to move data between PDBs by using utilities such as the export and import features of Oracle Data Pump, SQL*Loader, external tables, and Oracle Recovery Manager.

Audience & Pre-Requisites

This course is introductory-level, but technical in nature. In order to participate in the hands-on labs you should have a basic understanding of database principles, basic scripting skills (in relation to Oracle) and basic analytics skills.

Course Topics / Agenda

Please note that this list of topics is based on our standard course offering, evolved from typical industry uses and trends. We'll work with you to tune this course and level of coverage to target the skills you need most. Topics, agenda and labs are subject to change, and may adjust during live delivery based on audience interests, skill-level and participation.

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| 1. Multitenant Architecture <ul style="list-style-type: none"> • CDB Basics • CDB and Regular PDBs • Application PDBs and Application Installation | <ul style="list-style-type: none"> • CDB and PDB Management • Storage | <ul style="list-style-type: none"> • Resources Allocation |
| 2. PDB Creation <ul style="list-style-type: none"> • PDB Creation | 3. Security <ul style="list-style-type: none"> • Security • Backup and Duplicate • Recovery and Flashback • Performance | 4. Data Movement <ul style="list-style-type: none"> • Data Movement • Upgrade Methods • Miscellaneous |

Student Materials & Lab Environment: All course software (limited versions, for course use only), digital courseware files or course notes, labs / data sets and solutions (as applicable) are provided for you in our “easy access / no install required” high-speed remote lab environment. Our dedicated live tech team works with every student to ensure everyone is set up with working access and ready to go prior to every course start date, ensuring a smooth delivery and great hands-on experience. All your coursework can be accessed or downloaded after class, so you never lose your work or materials. Please ask for details.

For More Information

All courses can be presented **onsite** or **online**, or in a **combined / flex / blended learning format**, tailored to target your specific audience, needs and learning goals. We also offer focused, flexible **short courses, self-paced learning options, recorded sessions** and more. We train beginner to advanced skills in all areas we cover, and offer **New Hire / Cohort Training, Boot Camps, Skills Immersion Programs, Reskilling Programs, Skills Migration & Transition Programs**, and more. We collaborate with you to ensure all courses are truly targeted to meet your specific needs and learning skills, maximizing your valuable training time, as well as your important budget.

Please also visit our extensive **Public Training Schedule** for training for smaller groups or individuals. Please contact us for course details, **Corporate Rates** and **Special Discount Offers**.

For more information about our dedicated training services, collaborative coaching services, courseware licensing options, public course schedule, training management services, partner programs, or to see our complete list of course offerings and special offers please visit us at www.triveratech.com, email Info@triveratech.com or call us toll free at **844-475-4559**. Our pricing and services are always satisfaction guaranteed.

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