

OD-19c-AP: Oracle Database 19c: Advanced PL/SQL

Course Code: OD-19c-AP

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

This course teaches you how to use the advanced features of PL / SQL to design and tune PL / SQL to interface with the database and other applications. In Oracle Database 19c: Advanced PL/SQL training you will learn advanced features of program design, packages, cursors, extended interface methods and collections. In this course, you will be introduced to Oracle Database Exadata Express Cloud Service.

SKILLS COVERED

After completing this course, you will be able to:

- Design PL / SQL packages and program units that execute efficiently
- Write code to interface with external applications and the operating system
- Create PL / SQL applications that use collections
- Write and tune PL / SQL code effectively to maximize performance
- Implement a virtual private database with fine-grained access control
- Write code to interface with large objects and use SecureFile LOBs
- Gain an understanding of the Oracle Database Exadata Express Cloud Service

WHO SHOULD ATTEND?

This course intended for Application Developers and Database Administrators.

PREREQUISITES

- Basic Knowledge of SQL, PL / SQL
- Familiarity with programming languages
- Oracle Database SQL and PL / SQL New Features
- Oracle Database: Introduction to SQL / PLSQL Accelerated
- Oracle Database SQL Tuning for Developers
- Oracle Database: Develop PL / SQL Program Units

COURSE CONTENTS

1. Introduction
2. Working with Exadata Express Cloud Service
3. Overview of Collections
4. Using Collections
5. Handling Large Objects
6. JSON Data in Database
7. Advanced Interface Methods
8. Performance and Tuning
9. Improving Performance with Caching
10. Analyzing PL / SQL Code
11. Profiling and Tracing PL / SQL Code
12. Securing Applications through PL / SQL
13. Safeguarding Your Code against SQL Injection Attacks
14. Advanced Security Mechanisms

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