

TADM51

SAP NetWeaver AS DB Operation (Oracle)

Product Group	:	
Solution	:	SAP NetWeaver
Sub-solution	:	Planning
Component	:	
Delivery Methods	:	Certification
Level	:	Consultant Academy Training
Exam	:	
Sample Questions	:	PDF Link
Cut Score	:	
Duration	:	5days
Languages	:	English

Prerequisites

Essential

- [TADM10](#)
- [TADM12](#)
- Sound knowledge of administering the Oracle database

Recommended

- none

Course based on software release

- SAP ERP 6.05
- Oracle 11g

Content

- Database Overview
 - Reviewing Database Architecture
 - Connecting to the Database
 - Using Database Administration Tools
 - Administrating Oracle Instances
- Backup, Restore and Recovery
 - Reviewing a Backup Strategy
 - Reviewing Backup Tools
 - Performing Backups
 - Performing Restore and Recovery
 - Working with Advanced Backup Techniques
- Monitors and Tools
 - Introducing Oracle Data Management
 - Managing Database System Check
 - Explaining CCMS Alert Monitor
- Space Management
 - Administrating "Table Spaces"
 - Performing Reorganization of Tables
 - Housekeeping and Troubleshooting
- Oracle Cache Management
 - Introducing Oracle System Global Area

- Introducing Automatic Oracle Program Global Area (PGA)
- Monitoring of the Database Instance
 - Using the DBA Cockpit to Monitor the Database
 - Understanding the DBA Cockpit support of Oracle database features
- Application Design Analysis
 - Understanding the Impact of Expensive SQL Statements
 - Using SM50/SM66 to Find Expensive SQL Statements
 - Using ST03/STAD to Find Expensive SQL Statements
 - Using ST04 to Find Expensive SQL Statements
 - Using SQL Trace to Find Expensive SQL Statements
 - Monitoring Exclusive Lock Waits
- Index Management and Optimization
 - Utilizing Indexes
 - Creating an Index
- Cost-Based Optimizer
 - Updating Statistics
 - Detecting problems with Optimizer statistics
- Analysis of Physical and Logical Layout
 - Defragmenting Indexes
 - Working with I/O Contention
- Memory Configuration Analysis
 - Describing Data Buffer Utilization
 - Analysing Efficiency of Shared Pool
 - Monitoring the Automatic Program Global Area (PGA)
- Wait Interface and Automatic Workload Repository
 - Observing Oracle Wait Interface
- Reviewing Automatic Workload Repository and Histories