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Course : SAP NetWeaver Administration

Type : Hands-On Training

SAP NetWeaver Administration Training – R/3 with Oracle

Week 1

SAP BASIS/NetWeaver Introduction

- Application Servers, Central Instance, Dialog Instance
- NWA architecture
- Message Servers
- Database Servers
- System Landscape – One, two and three Tier Landscape.
- Processes – Dispatcher, Work, System etc.
- Client Concept.
- Transport Management System.
- Security /Authorizations.
- WAS – Web Application Server technology.
- WAS – Architecture and Administration functions.
- CUA

Week 2

Installation

- Central/Dialog/App server Concept.
- Starting & stopping SAP Web AS
- Prerequisite Information gathering.
- Hosts and Services Files.
- Directory Structure of SAP systems.
- SAPOSCOL.
- Installation of database and database patches.
- Installing SAP WEB AS
- UME
- Post Installation Steps.

Week 3

Client Administration:

- Client Concept.



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- Creating Clients.
- Prerequisite for Client Copy
- SCCL.
- Client Export/Import, Copy Logs and monitoring of Client Copy.

Transport Management System

- Transports Concept.
- Setting up TMS.

Support packs and Add-ons

- Different types of Support packs
- Applying Support packs.
- SPAM / SAINT (Add-on installation tool)

System Monitoring:

- Daily / Weekly and Monthly Monitoring.
- ST22, SM50, SM21, SM12, SM13, RZ10, SM35, SM59 etc.

CCMS and Performance Tuning:

- System Profile parameter maintenance
- Performance analysis – ST02,ST03,ST05,ST03N,STAT
- Setting up SAP Connect – SCOT
- SAP Logon Load balancing – SMLG.

Background Jobs:

- Creating Background Jobs – SM36 and SM37.
- Job Management.

Spool Administration:

- Concept of SAP Spool System architecture.
- SPAD.

Language Installation:



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- Concept of Languages in SAP.
- SMLT and Installation of Locales on OS.

Week 4

Database Administration:

- Oracle database Concepts.
- Monitoring tablespaces
- SAPDBA /BRTOOLS
- DB activities.

OSS Note Application:

- Applying OSS notes manually.
- Using SNOTE.

SAPNET:

- Finding Solutions, creating new messages.
- Early watch reports

Kernel Upgrades:

- Starting and Stopping SAP and database.
- Backup Old kernel and apply latest kernel files.

Security:

- Authorization Concept.
 - User Administration.
 - Creating Roles.
 - SUIM, SU53 and PFCG.
 - CUA Concept.
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