
SQL SERVER DBA Course

➤ Overview of the SQL server

Architecture of sql server

The major versions and editions, upgrades from sql

Installing SQL server and client components

Pre-requisites, system configuration check

installing selected components

High availability using Clustering

➤ SQL server clustering concept

Security / User role management

Authentication modes, user and roles management

Object management

Creating, managing and maintaining databases

Tables / indexes / views / stored procedures

User defined functions

Monitoring activity

Monitoring the tasks, audits, sql profiler

Backup and restore

Taking different types of backups and restoring

Backup and restore compression

Implementing Disaster recovery

➤ Configuring log shipping

Automation of tasks, alerts

Notifications using sql server agent

Creating, managing, maintaining jobs, alerts

Notifications through mails

Implementing Replication

Configuring various methods of replications

New Features of SQL

Features that are indulged from old version SQL

Resource Governor, Activity Monitor, Intelligence

Auditing, Plug-in model for SSMS

Central Management Servers

Sql Server Analysis Services (SSAS)

Creating Measurements, dimension, cubes

BIDS or MSVS

Importing the cubes in SSAS, processing cubes

Editing cubes, managing cubes

Sql Server Reporting Services (SSRS)

Installing, Configuring and maintaining SSRS

Sql Server integration Services (SSIS)

Exporting and importing SSIS packages • ¶ Clarifications and discussions