IBM INFORMIX DYNAMIC SERVER V12.x SYSTEM ADMINISTRATION

A four day course for system administrators and technical support personnel who are responsible for managing, maintaining and troubleshooting the database server.

Course Objectives

On completion of this course the delegate will be able to:

1. Install and configure a database server
2. Perform day to day management tasks
3. Troubleshoot and tune a database server
4. Maintain the efficiency and integrity of the server

Prerequisites

Familiarity with Informix-SQL and UNIX

Course Content

What is Informix Dynamic Server? Major Functionality and Concepts.

Configuration parameters, Environment Variables, Connectivity. Initialising a new Instance. Changing the configuration.

Changing operating modes. Starting and stopping the server. Stopping individual sessions. Single user mode.

Disk management and organisation. Creating dbspaces. Managing blobspaces. Implementing mirroring. Adding chunks. Obtaining information about chunks, dbspaces and database tables. Checking the integrity of data on disk.

Managing the transaction log. Backing up the logs.

Archiving and restoring IDS, verifying an Archive, archiving to disk. Comparison between ontape and onbar.

High availablity features, High Availability Data Replication (HDR), Enterprise Replication (ER), Remote Standalone Secondary Servers (RSS), Shared Disk Secondary Servers (SDS), Continuous Log Restore (CLR).

Trouble-shooting and Tuning. RTO policy, non-blocking check-points Configuring autonomic operation.

IDS utilities, Tracing SQL, the DB Scheduler. The Alarm Program.

sysdbopen and sysdbclose.

FOR FURTHER DETAILS

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working WITH INFORMIX