Gurujus Infotech Pvt. ltd.

SQL SERVER 2008 provides a robust platform that enables organizations to run their most demanding, mission critical applications. It is essential that DBA should know how to manage this complex platform correctly.

At the end of this training you will be able to:

- Install MS SQL 2008 or above versions with associated tools.
- Understand the many tools that facilitate effective Database Administration.
- Monitor the smooth running of the database server.
- Maintain the Database and Indexes
- Setup and control Database Security
- Cope Effectively with Database Disaster Recovery
- Implement High Availability and Replication
- Use Relevant TSQL commands
- Understand the basic of Integration services
- Implement SQL server Full Text Search
- SQL Server 2005 Database Administration Training

PART 1. SQL server 2005 Overview
- Availability and Scalability features
- Security Features
- Data Management Features
- Administration and Maintainace features
- Development Features
- To enable SQLImail Testing mail Delivery

PART 2. Installing SQL server 2008
- Installing MS SQL 2008
- System Requirements
- Preparing for SQL 2005 installation
- Installation Checklist
- Setup features
- Using the system Consistency checker
- Unattended Installation
- Installation Sequences

- Installation Maintainace
- Upgrading from previous version from SQL Server
- To verify the installation
- Administrative Tools

PART3. Upgrading to SQL server Management Studio

- Management Studio Windows
- Registered Servers
- Object Explorer
- Review Database objects
- Modify Database properties
- Create Database scripts
- The Maintenance Plans
- Solution Explorer
- Query Editor
- Template Explorer
- Dynamic Help
- SQL server 2008 Service Nodes
- SQL server 2008 Network configuration node
- SQL server 2008 Native client
- Dedicated Administrative connection
- SMO object Model

PART4. Monitoring the Database server

- Managing Metadata views
- Metadata storage
- System views
- Information schema
- Catalog views
- System stored procedure

PART5. Database and Index Maintainace

- Database and Index maintenance
- Creating Indexes
- Online Index Maintainace
- Lock options
- Partitioned Tables and indexes
- XML index support
- Altering and index
- Rebuilding an index
- Reorganizing an index

- Disabling an index
- Dropping an index

PART6. Securing SQL server 2008
- Implementing Securable
- New security features
- Permissions
- Managing users
- Using schemas
- Managing Execution context
- Manage Database permissions
- Manage Certificates

PART7. SQL server Disaster Recovery
- Disaster Recovery
- SQL server 2008 Disaster Recovery features
- Snapshot creation
- Common snapshot application
- Undeleting table rows and undoing a table update
- Recovering a dropped object
- Backup and Restore
- Backup changes Restore changes
- Media Integrity changes
- Create a mirrored backup
- Restore from the mirror Backup
- Automate the creation of daily snapshot

PART8. Database Availability
- SQL server 2008 Data Availability
- Database Mirroring
- Configuring database Mirroring
- Transaction Safety Label
- Operating Modes
- Mirroring Security
- Monitoring mirroring
- Database states for Database Mirroring
- Verify Principal and Mirror access
- Execute the mirror Failover
- Verify Mirror and Witness status
- Terminating the mirror session

PART9 Replication Information

- Replication Enhancements
- Stand-alone Replication monitor
- HTTP Synchronization for Merge Replication
- Subscriber Initialization
- Replication DDL Statements
- Modified User Interfaces
- Replication management objects
- To configure Publishing and Distribution
- Configuring Peer to Peer Replication
- Create a Publication

PART 10.SQL server 2008 Integration services

- Creating the Database objects
- Creating a package using Business Intelligence Studio
- Integration Services project template
- OLE DB Command object
- Column Mappings
- Adding a data viewer

PART 11. Monitoring and Performance

- SQL server Profiler
- Optimal Data storage
- Diagnostic Tools Query Analyzer
- Database Engine Tuning Advisor
- Index optimization
- Federated Database Servers
- Partitioned Indexes
- Lock Optimization

At last we conclude all technical interview preparation and provide Certification from Gurujus Infotech Pvt. Ltd. We also provide Guidance for Microsoft Certification.