

## **Exchange Server 2007 - Detailed Course Contents for 5-days**

- Overview of Exchange and Active Directory
  - Overview of Microsoft Exchange Server 2007 and Active Directory Service
  - Exchange Server 2007 Roles
  - Introduction to the Integration of Active Directory and Exchange Server 2007
  - Differences between Exchange Server 2003 and Exchange Server 2007
  
- Installing Exchange Server 2007
  - Introduction to the Exchange Server 2007 Server Roles
  - Installing Exchange Server 2007
  - Completing the Exchange Server 2007 Installation
  - Preparing the Environment for an Exchange Server 2007 Installation
  
- Configuring Mailbox Server Roles
  - Overview of Exchange Server 2007 Storage Architecture
  - Implementing Mailbox Server Roles
  - Managing Public Folder Databases
  - Configuring Storage Groups and Database Files
  - Configuring a Public Folder and Store Referrals
  
- Managing Recipient Objects
  - Managing Mailboxes
  - Managing Other Recipients
  - Overview of Managing Public Folders
  - Modifying Existing Mailboxes
  - Configuring New Mailboxes and Mail-Enabled Objects
  - Managing Resource Mailboxes
  
- Managing E-Mail Addresses and Address Lists
  - Configuring E-Mail Address Policies
  - Configuring Address Lists
  - Managing E-Mail Address Policies
  - Managing Address Lists
  
- Managing Client Access
  - Implementing Client Access Servers
  - Implementing Client Access Features

- Implementing Outlook Web Access
  - Configuring Client Protocols
  - Managing Outlook Web Access Connectivity
- Managing Messaging Transport
    - Introduction to Message Transport Architecture
    - Implementing Message Transport Through Hub Transport Server
    - Troubleshooting Local Message Delivery
    - Troubleshooting Remote Message Delivery
- Managing Availability, Backup and Recovery
    - Implementing High-Availability for Mailbox Servers
    - Managing a Backup Solution
    - Managing a Recovery Solution
    - Backing Up and Restoring Mailbox Databases
    - Restoring Mailbox Databases using Local Continuous Replication (LCR), Cluster Continuous Replication (CCR), and Single Copy Clusters (SCC)
    - Restoring Data using the Recovery Storage Group
- Maintaining the Messaging System
    - Overview of Implementing Change Management
    - Overview of Updating Exchange Servers
- Configuring Anti-Spam
  - Using Power Shell
- Introduction to Exchange Server Monitoring and Troubleshooting
  - Transition from exchange 2003 to exchange 2007
  - Challenges during co-existence period, e.g. setting more connectors between exchange 2003 and exchange 2007, mail flow, calendar functioning, Public Folder etc.
  - Exchange 2007 installed on a windows Cluster. Both quorum cluster and MNS cluster.
  - Failover in exchange cluster and operations issues on the cluster
  - In detail on CAS and HTS and how to span them across sites
  - High availability for HTS and CAS
  - Exchange optimization, tweaking and best practices for capacity planning in terms of CPU. Memory, disk space, and no of users
  - Configuring Edge Transport Role
  - Finalizing Edge Transport
  - Overview of Unified Messaging

