

Windows 2003 ADS and Clustering

Duration 2 Days

Contents

- Introduction to Directory Service
- Introduction to Active Directory Service
- Introduction to AD Logical Structure
 - Forest, Domain Trees, Domains, OU's
- Introduction to AD Physical Structure
 - AD Sites & DC FSMO Roles
- Understanding ADS Dependencies
 - AD Integrated DDNS, Replication
 - Kerberos Authentication
 - KCC service
 - GCS
- Implementing ADS in a Forest-single domain environment
- Implementing ADS in a Forest-Multi domain environment
- Implementing ADS in a Forest-single domain environment spanning across multiple AD Sites
- Configuring & Administering AD InterSite Replication
- Understanding AD Database Partitions
 - Schema, Domain Data, Configuration Data, Application Data
- Performing ADS Backup & restore
 - Non Authoritative & Authoritative Restore
- Performing Transferring & Seizing of FSMO Roles
- Configuring InterForest Trust Relationship
- Building an OU Structure
- Using Group Policies
 - Deploying Software
 - Managing Users Desktop Environment

Windows 2003 Server Clustering

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Prerequisites: Through understanding / working knowledge of Windows Network Infrastructure. This includes ADS, DNS, DHCP, IIS, WIN's, File & Print Server, Disk Management, Windows Administration + Computer PC / Server Hardware.

Note: The Windows Clustering (NLB & Cluster Server) training would be carried out in a Virtual Network, using Virtual Machines.

Course Contents

- Introduction to Microsoft Windows Clustering fundamentals
 - Network Load Balancing v/s Cluster Servers
- Identify hardware and network requirements
 - Preparing Windows 2003 servers for NLB & Cluster Server Setup
- Setup Windows 2003 Servers in NLB
 - Create a NLB Website using IIS 6
- Setup Windows 2003 Cluster servers using two nodes
 - Configure & Manage Cluster Servers Resources
- Understanding Cluster Application
 - Configure & Manage Cluster Application
 - File & Print Service, DHCP
- Maintain & Troubleshoot Windows 2003 Server Clusters