Windows Server - implementing Active Directory services

Course code: GOC220

Five-days instructor-led course covering basics to details of deploying and implementing Active Directory and Group Policy including their mutual requirements with DNS service infrastructure. Students learn all the options available with a primary goal of being able to troubleshoot the function and Group Policy application on computer both locally and remotelly. The training also covers the understanding of LDAP database structure, the domains, configuration and schema of a forest. Backup and restore methodology is also an integral part the training.

Prerequisities

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

Good understanding of TCP/IP and DNS technologies

Course outline

Installing AD DS domain controllers Creating and managing user accounts Group scopes and group types in Active Directory Organzational units and their hierarchy AD permissions and their delegation to low privileged administrators Installation of additional DCs and AD replication basics Sites and subnets in Active Directory DNS integration with AD DS Backup and restore of AD domain controllers (DCs) Basics and principles of Group Policy Group Policy options such as security filtering or WMI filtering Group Policy Preferences and their options Managing SYSVOL replication and DFSR SMB shared files and their replication with DFSR DFS Namespaces and SMB file shares SMB file share access control Introduction to integration with Azure Active Directory (Azure AD) **Preparation for Microsoft certification** Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam. This applies to all certifications except for MCM Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM This does not mean that official MOC courses would serve as the only necessary praparation. The primary goal of an

MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the

related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphassis as may be required to completelly pass the exam

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