Windows Active Directory

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With the amazing courses and programs by Techeduxon, you will experience a whole new horizon of tech knowledge and put it to the best use.

Course overview

- Introduction to Hardware and Servers

- Active Directory Domain Services user and group management
- Operation Master Roles
- Active Directory Trust & Relationship
- Active Directory Sites and Services
- Group policy object
- Share and network Folder Creation
- Domain Naming System (DNS)

Pre requisites

No pre requisites are required to enrol for this course.

Target audience

Software architect, System Administrators
Project managers, Database Developers
IT Developers, Testers and Database Management Aspirants.

Course Contents

Introduction to Hardware and Servers

- Basic Networking concepts
- Types of servers
- Server Processors and storage devices
- Hard disk and storage devices
- Basic IP Address
- OSI layers model

Active Directory Domain Services user and group management

- Creating users and groups in Active Directory Domain Services
- Creating OU's
- Introduction of users profiles
- Users and group properties
- Introduction of Distributed File System

Operation Master Roles

- Introduction of Flexible Single Master Operations(FSMO)roles
- Transferring FSMO roles
- Seizing FSMO roles
- FSMO roles migration from Primary Domain Controller to Additional Domain Controller

Active Directory Trust & Relationship

- Introduction of Active Directory Trust and Relationship
- Different types of active directory trust
- Configuring cross domain trust
- Functional levels of active directory trust and relationships

Active Directory Sites and Services

- Introduction of active directory sites and services
- Configuring different sites
- Adding sites to forest
- Scheduling Replication between sites

Group policy object

- User and Computer policies
- Scope of Policies – Organizational Unit, Domain, sites
- Adding group policies to existing policies
- Software Deployment

Share and network Folder Creation

- Different types of share folders
- Creating share and network folders
- Assign permissions to user's level
- Mapping share folders

Domain Naming System (DNS)

- Introduction to DNS
- DNS Naming Hierarchy
- Types of Lookups
- Types of zones
- Types of DNS records
- DNS forwarders
- DNS updates and policies

Projects & Assignments

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Trainings@techeduxon.com

www.techeduxon.com

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