Basic Administration of Microsoft Configuration Manager Training

Duration: **4 Day**

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Overview

This four-day course equips IT professionals with comprehensive skills to deploy, configure, and manage Microsoft Configuration Manager in enterprise environments. Participants will explore the full Configuration Manager lifecycle—from infrastructure setup to ongoing management—gaining experience in inventory collection, application deployment, operating system deployment, software updates, and security. The course combines technical instruction with practical exercises, enabling learners to manage devices efficiently, optimise infrastructure, and enforce secure, scalable IT operations across diverse networks. **Key focus areas include** configuration of sites, site systems and clients, inventory collection, application deployment, update management, operating system deployment, and administrative roles and tools.

Prerequisites

To successfully participate in this course, learners should have:

- A foundational understanding of networking concepts and technologies
- Experience with Active Directory Domain Services (AD DS)
- Practical skills in Windows-based PC configuration and troubleshooting
- Familiarity with Windows Server roles and services
- A basic understanding of public key infrastructure (PKI) and PowerShell syntax

Target audience

This course is designed for:

- IT professionals managing enterprise client infrastructures
- System administrators responsible for deployment and software lifecycle
- Technical support staff involved in operating system and software updates
- Engineers seeking hands-on experience with Microsoft Configuration Manager

What You Will Learn

By the end of this course, learners will be able to:

- Describe the architecture and functionality of Microsoft Configuration Manager
- Configure sites, site systems, and client deployment settings
- Implement queries, reports, and CMPivot
- Collect and analyse hardware and software inventory
- Deploy, monitor and troubleshoot applications, software updates, and operating systems
- Configure role-based security and perform remote support functions