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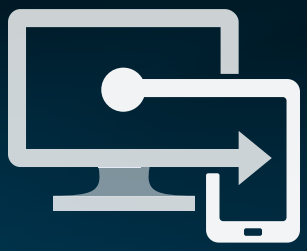

CL_55309

Configuration Manager: Supporting Complex Environments

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Por favor no imprimas este documento si no es necesario.

About this course.

This course is intended for IT professionals who are interested in expanding their knowledge about and technical skills in the use of Microsoft Endpoint Configuration Manager, version 2107, in complex Active Directory environments. In this minimal-lecture/lab-intensive workshop, students troubleshoot Configuration Manager/Active Directory integration issues, configure a single Configuration Manager hierarchy to support multiple Active Directory forests, and implement the Configuration Manager client on devices joined to an untrusted Active Directory forest.

Length.

1 Day.

Audience profile.

This lab-intensive workshop is intended for experienced Microsoft Endpoint Configuration Manager administrators who have worked with Configuration Manager for at least one year and who have completed Microsoft course 20703-1: Administering System Center Configuration Manager. The workshop is designed specifically for students who are problem solvers and who require only minimal direction or instruction.

Prerequisites.

Before attending this course, students must have:

- Identify and resolve common problems in Configuration Manager/Active Directory integration.
- Configure a Configuration Manager primary site to fully support clients in untrusted Active Directory forests.
- Deploy and manage the Configuration Manager client on Windows devices in untrusted domains and workgroups.
- Deploy Configuration Manager site systems into untrusted domains.
- Extend a Configuration Manager hierarchy into a currently untrusted forest.

At course completion.

After completing this course, students will be able to:

- Describe the key features of package/program-based software deployment in Configuration Manager.
- Identify scenarios in which package/program-based software deployment may be preferable to the modern method of application management.
- Create packages and programs both manually and by using package definition files.
- Deploy software by using the package/program method.
- Monitor and troubleshoot package/program deployment.
- Remove software from a Configuration Manager client by using a package and a program.
- Use scripts to deploy packages/programs that have prerequisites.
- Use task sequences to deploy packages/programs that have prerequisites, ordered series of packages/programs, and perform complex package/program-based tasks.

Exam.

None.

Course outline.

Module 1: Configuration Manager/Active Directory Integration in Complex Environments.

This module explains the requirements for integrating Configuration Manager with Active Directory in multi-domain and multi-forest environments. It also covers troubleshooting issues with Configuration Manager/Active Directory integration.

- Review of Configuration Manager/Active Directory-integration Requirements in a Single-Domain Forest.
- Integration Requirements in a Multi-domain Forest.
- Integration Requirements in a Multi-forest Environment.
- Troubleshooting Configuration Manager/Active Directory Integration.

Labs: Resolving Errors in Configuration Manager/Active Directory Integration.

- Identifying the Cause of Integration Issues.
- Resolving Integration Issues.

After completing this module, students will be able to:

- Identify the cause of common problems in Configuration Manager/Active Directory integration.
- Correct common errors in Configuration Manager/Active Directory integration.

Module 2: Deploying and Supporting the Configuration Manager Client on Devices Outside the Site's Resident Forest.

This module explains how to configure a Configuration Manager hierarchy for the deployment and support of Windows client devices in untrusted domains, untrusted forests, and workgroups. It also explains how to extend large-scale support for clients into forests that are not currently trusted.

- Support for Clients in an Untrusted Domain or a Workgroup.
- Site System Deployment in an Untrusted Domain.
- Configuration Manager Site Installation in a Currently Untrusted Forest.

Labs: Supporting Clients in an Untrusted Domain.

- Configuring the Site to Support Clients in the Untrusted Domain.
- Configuring the Untrusted Domain to Support Client Installation.
- Deploying the Configuration Manager Client to a Device in an Untrusted Forest.
- Monitoring Software Deployment to a Client Device in an Untrusted Forest.
- Challenge: Configuring Active Directory System Discovery and Client-Push Installation for Devices in an Untrusted Forest (optional).

Lab: Expanding Support for Clients in an Untrusted Domain.

- Deploying Site Systems in an Untrusted Domain.

Labs: Installing a Configuration Manager Site in a Currently Untrusted Domain.

- Configuring Trusts and Security.
- Configuring Active Directory Integration and Forest Discovery.
- Installing the new Child Primary Site.
- Challenge: Completing the Initial Configuration of the new Site (optional).

After completing this module, students will be able to:

- Deploy and support the Configuration Manager client on Windows devices in untrusted domains and workgroups.
- Deploy Configuration Manager site systems into untrusted domains.
- Extend a Configuration Manager hierarchy into a currently untrusted forest.