Administering System Center 2012 Configuration Manager (SCCM)

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This course describes how to configure and manage a System Center 2012 R2 Configuration Manager site and its associated site systems.
The course focuses on day-to-day management tasks for System Center 2012 R2 Configuration Manager.
The course has been customized to answer to your specific needs.

Remarks : the course is on System Center 2016 !!!

Détails

- Code : ASC2012CM
- Durée : 4 jours (28 heures)

Public
- Administrateurs
- IT Professionals

Pré-requis

Objectifs

- Describe the System Center 2012 R2 Configuration Manager feature set and manage and troubleshoot sites by using the Configuration Manager Console and associated toolset
- Manage configuration items, baselines, and profiles to assess and configure settings for devices
- Manage mobile devices by using System Center 2012 R2 Configuration Manager
- Create, deploy, and manage software packages and programs
- Create and deploy applications by using the System Center 2012 R2 Configuration Manager application model

Programme

Module 1 : Overview of System Center 2012 R2 Configuration Manager

- Introduction to System Center 2012 R2 Configuration Manager
- Overview of System Center 2012 Configuration Manager Architecture
- Overview of the Configuration Manager Console
- Tools for Monitoring and Troubleshooting a Configuration Manager Site

Module 2 : Discovering and Organizing Resources

- Configuring Resource Discovery
- Configuring Boundaries and Boundary Groups
- Configuring User and Device Collections
- Configuring Role-Based Administration

Module 3 : Managing the Configuration Manager Client

- Overview of the Configuration Manager Client
- Deploying the Configuration Manager Client
- Managing Client Settings
- Configuring and Monitoring Client Status

Module 4 : Managing Inventory and Software Metering

- Overview of Inventory Collection
- Configuring Hardware Inventory
- Configuring Software Inventory
- Managing Inventory Collection
- Configuring Asset Intelligence
- Configuring Software Metering

Module 5 : Querying and Reporting Data

- Introduction to Queries
- Managing Queries
- Configuring SQL Server Reporting Services

Module 6 : Managing Software Deployments by Using Packages and Programs

- Configuring Software Distribution
- Configuring Packages and Programs
- Distributing Content to Distribution Points
- Deploying Programs to Configuration Manager Clients

Module 7 : Creating and Deploying Applications

- Overview of Application Management
- Creating Applications
- Deploying Applications
- Configuring the Application Catalog

Module 8 : Deploying Additional Application Types

- Configuring Requirements and Dependencies for Deployment Types
- Configuring Multiple Deployment Types and User Device Affinity
- Managing Applications

Module 9 : Deploying and Managing Software Updates

- Overview of Software Updates
- Preparing the Configuration Manager Site for Software Updates

- Managing Software Updates
- Configuring Automatic Deployment Rules
- Monitoring and Troubleshooting Software Updates

Module 10 : Implementing Endpoint Protection by Using System Center 2012 R2 Configuration Manager
- Overview of Endpoint Protection in Configuration Manager
- Configuring and Monitoring Endpoint Protection Policies

Module 11 : Managing Operating System Deployment
- Overview of Operating System Deployment
- Preparing the Site for Operating System Deployment
- Capturing an Operating System Image
- Deploying an Operating System

Module 12 : Planning and Deploying a Stand-Alone Primary Site
- Planning a Configuration Manager Stand-Alone Primary Site Deployment
- Preparing to Deploy a Configuration Manager Primary Site
- Installing a Configuration Manager Site Server

- Performing Post-Setup Configuration Tasks
- Tools for Monitoring and Troubleshooting a Configuration Manager Site

Module 13 : Maintaining and Monitoring System Center 2012 R2 Configuration Manager
- Overview of Configuration Manager 2012 Site Maintenance
- Performing Backup and Recovery of a Configuration Manager Site
- Monitoring Configuration Manager 2012 Site Systems

Module 14 : Migrating to System Center 2012 R2 Configuration Manager
- Overview of the Migration Process
- Preparing Configuration Manager 2007 Sites for Migration
- Configuring Migration Settings
- Migrating Objects
- Upgrading Configuration Manager 2012 to Configuration Manager 2012 with SP1 and then to System Center 2012 R2 Configuration Manager

Modalités

- Type d'action :Acquisition des connaissances
- Moyens de la formation :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- Modalités pédagogiques :Exposés – Cas pratiques – Synthèse
- Validation :Exercices de validation – Attestation de stages