System Center

SCCM595: Advanced Configuration Manager Current Branch Training

$2,495.00

- 3 Days
- Expert SCCM Training class for experienced admins!
- Dig deeper into SCCM - reach the elite skill level!

Upcoming Dates

Course Description

Have you taken Mastering System Center 2012 Configuration Manager or MS-10747 and want to dig deeper into SCCM? This is the ultimate follow-up ConfigMgr training for the IT Pro that wants to reach the next skill level.

This 3 day class was developed with the experienced ConfigMgr administrator in mind. During this class you will learn advanced functions and the latest features that you get to implement in the labs.

We will take you through the constant changes to ConfigMgr, showcase how the product has evolved from Slow Moving Software to a true Enterprise real time management system. We will also dive deep into the many Cloud connect scenarios and explain exactly how and where they fit into your environment.

The world of Enterprise client management is not black or white, it's about being "Better together" and take what makes the most sense to your organization from each of the management stack options. Needless to say, that they entire class will also include best practices in term of troubleshooting of the main features in ConfigMgr based on the latest Windows Server edition and Windows 10. After class, you will have a solid understanding of the design options, Cloud connect options, flow of the main features and troubleshooting techniques.

Course Outline

Day 1

Designing ConfigMgr hierarchies

- Design fault tolerance and high availability environments
- Working with HTTP and HTTPS site systems
- Working with DMZ and workgroup environments
- Working with multi domain/forest environment
- Configure and optimize SQL
- Recovery options, restore primary sites

Modern Management

- Overview of the management options with ConfigMgr and Microsoft Azure
- Scoping the Modern Management project
- Transforming your environment towards modern management and what it means to your environment

ConfigMgr Clients

- Overview of the management options with ConfigMgr and Microsoft Azure
- Scoping the Modern Management project
- Transforming your environment towards modern management and what it means to your environment

ConfigMgr clients

- Installing, configuring and troubleshooting clients
- Installing HTTP and HTTPS clients
- Working with Internet based clients
- Understanding Co-management
- ConfigMgr client health

Day 2

ConfigMgr data

- Working with reports
- Inventory management
- Using CM Pivot to query clients in real time PowerBI

Content Management

- Working with and troubleshooting distribution points and distribution point groups
- Working with peer caching technologies

Application deployment

- Working with the application model
- Deploying and managing Office 365
- Troubleshooting application deployments

Day 3

Software Updates

- Creating and designing the software update infrastructure
- Deploying and troubleshooting Microsoft software updates
- Monitoring the software update deployment process
- Deploying 3rd. party updates

Deploying Windows 10 with operating system deployment

- Customizing the boot images
- Creating and maintaining reference images
- Deploying images
- Windows Autopilot

Settings Management

- Creating and implementing configuration items and baselines
- Remediate non-compliant computers and users

Audience

IT pros with experience in System Center Configuration Manager / ConfigMgr / SCCM 2012 R2 / SCCM 2007

Prerequisites

If you have attended our "Mastering Microsoft System Center 2012 Configuration Manager or Mastering Configuration Manager" or taken the "MS-10747/48" you have an excellent foundation. If not - basic understanding of Active Directory, WSUS and SQL. Basic knowledge and working experience with Configuration Manager 2012. *This ConfigMgr CB training is not a beginner's class!*

What You Will Learn

Being able to design, deploy, manage and troubleshoot Configuration Manager CB in your environment. The class is always based on the latest available Current Branch. You will get a solid understanding of the following design options, flow of the main features and troubleshooting techniques:

- Fault tolerance and High availability
- Troubleshooting tools
- Installing and troubleshooting client deployment
- Inventory Management
- Reporting & Queries
- Application deployment
- Software updates
- Endpoint Protection
- Compliance management
- Operating System Deployment

Material
Student Lab Manual and Sample scripts