

SMP, CMS & DS 7.1 Training Bootcamp

The *Symantec Management Platform, Client Management Suite & Deployment Solution 7.1 Training Bootcamp* is an accelerated class designed for the professional tasked with installing, configuring, maintaining and using the core solutions in Notification Server. This Bootcamp consists of a 5 day instructor-led, hands-on class focusing on the daily tasks students perform to manage computers using the Client Management Suite (CMS). Students will first learn how to install and configure the Symantec Management Platform (SMP) and solutions. Students will then learn how to use core processes including: collecting inventory, delivering software, patching Windows based operating systems, creating and deploying disk images, scripted operating system installations and computer migrations. Additionally, students will also learn how to use reporting features in the Management Platform to track and monitor their environment, from viewing inventory data to deploying patches and software packages to managed computers.

Content covered by this course is available separately as follows:

- Symantec Management Platform 7.1 (5 days)
- Client Management Suite 7.1 (4 days)
- Deployment Solution 7.1 (3 days)

Delivery Method

Instructor-led training bootcamp

Duration

5 days

Course Objective

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

- Install and configure SMP and the core solutions.
- Install the Symantec Management Agent and the core solution plug-ins on managed computers.
- Gather comprehensive data using the Symantec Management Agent and plug-ins.
- Analyse gathered data using predefined reports.
- Configure security.
- Establish Replication rules.
- Build a Hierarchy topology.
- Backup the CMDB.
- Configure schedules to automatically deliver packages and tasks to client computers.
- Install Workspace Virtualisation, and deploy and manage software applications using layers.
- Configure inventory collection.
- Configure and deploy Windows patches.
- Use pcAnywhere remote control to manage computers from the Console.
- Install and configure Altiris automation, which includes installing PXE and automation folder using WinPE and Linux.

- Create and restore unique computer images without visiting each computer using RDeploy and Ghost.
- Performing scripted operating system installations.
- Migrate computer personalities (user files and settings) using PC Transplant.

Who Should Attend

This course is designed for system administrators, engineers, consultants and system architects.

Prerequisites

You should have basic working knowledge of Microsoft Windows and networking concepts including: LANs, network adapter cards, drivers and operating systems; familiarity using VMware is helpful but not required.

Logistics

This training course can be delivered onsite at the customers' location using customer supplied equipment and software. Attendees will receive a training guide as presented during the training.

Details of hardware and software requirements will be provided. Full provision of the classroom environment can be supplied at additional cost with quotation available upon request.

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

Symantec Management Platform 7.1:

Understanding the Symantec Management Platform

- Introducing the Symantec Management Platform
- Learning about Symantec Management Platform components
- Symantec Management Platform concepts
- How the Symantec Management Platform works
- Architecture considerations for Symantec Management Platform

Installing Symantec Management Platform

- Installation requirements
- Using Symantec Installation Manager
- Installing Symantec Management Platform
- Accessing the Symantec Management Console
- Configuring settings after installation
- Applying Service Packs and updates

Migrating Versions of Symantec Management Platform

- Migrating from 6.x to 7.x

Importing from Active Directory

- Importing user accounts and roles
- Importing computers and users
- Importing other resources
- Discovering computers using the Domain Browse List
- Performing Network Discovery

Using the Symantec Management Console

- Accessing the Symantec Management Console
- Familiarising Yourself with the Symantec Management Console
- Customising the Symantec Management Console

Installing and Configuring the Symantec Management Agent

- Understanding the Symantec Management Agent
- Installing the Symantec Management Agent
- Setting Symantec Management Agent installation options
- Verifying the Symantec Management Agent installation
- Configuring Symantec Management Agent
- Determining when to use unicast and multicast
- Agent data flow and Troubleshooting

Site Management

- Introducing site management
- Managing sites and subnets
- Working with task service
- Working with package service

Creating and Managing Organisational Views and Groups

- Learning about organisational views
- Defining organisational groups
- Creating organisational views and groups
- Managing organisational views and groups

Security

- Learning about security
- Distinguishing between privileges and permissions

Creating and Managing Filters

- Introducing filters
- Managing and working with predefined filters
- Building new filters using the Query Builder
- Creating filters using raw SQL
- Modifying filters

Creating and Managing Targets

- Introducing targets
- Creating a target
- Managing and working with targets
- Applying resource scoping to filters and targets

Creating and Managing Policies

- Getting to know policies
- Understanding user-based policies
- Understanding computer-based policies
- Configuring automation policies
- Managing shared schedules

Creating and Managing Tasks

- Overview of task management
- Creating and scheduling tasks
- Creating jobs

Resource Management

- Understanding resources
- Using the Resource Manager
- Learning about resource scoping

Reporting

- Introducing reporting
- Introducing IT Analytics
- Learning SQL basics
- Viewing common database tables
- Generating a resource scoped report
- Creating a custom report
- Working with report results

Replication and Hierarchy

- Understanding replication
- Setting up and configuring replication
- Scheduling replication
- Understanding hierarchy
- Setting up and designing a Notification Server hierarchy
- Configuring hierarchy replication
- Changing the hierarchy tree

Troubleshooting

- Learning about Symantec Management Platform troubleshooting tools
- Using the Log Viewer
- Using NSConfigurator
- Using Remote Altiris Agent Diagnostics
- Troubleshooting the Symantec Management Agent
- Troubleshooting Event inboxes

Backing up the Server and Database

- Performing a database back up

Client Management Suite 7.1:

Understanding the Client Management Suite

- Benefits of CMS 7.1
- What's new in CMS 7.1?
- Components of CMS
- Relationship between products

Installing and Configuring Client Management Suite

- Becoming familiar with installation requirements for Symantec Management Platform
- Learning about Symantec Installation Manager
- Installing core components on Win/Linux/Mac
- Installing and configuring component plug-ins

Inventory Solution

- Inventory Solution overview
- Gathering inventory data
- Standalone inventory packages
- Custom inventory
- Baseline inventory
- Application Metering
- Inventory Solution reports

Software Management Solution

- Using Software Delivery
- Using Quick Delivery
- Managing software management tasks
- Software Portal
- Managing applications
- Viewing reports

Patch Management Solution

- Patch Management overview
- Software bulletins and updates
- Software Update agent
- Patch Management server tasks
- Patch Management reports

pcAnywhere

- About Symantec pcAnywhere Solution
 - Installing pcAnywhere Solution and plug-in
 - Starting a pcAnywhere session
 - Managing a pcAnywhere session
- Configuring pcAnywhere settings

Deployment Solution 7.1:

Deployment Solution Overview

- Symantec Management Platform Refresher
- Symantec Management Platform Components
- Understanding the Functions of Deployment Solution

Installing Deployment Solution

- Installation Pre-requisites
- Using Symantec Installation Manager
- Installing Symantec Management Platform
- Installing Deployment Solution
- Understanding and Configuring the Symantec Boot Services
- Installing the Deployment Solution Plug-in

Configuring Deployment Solution

- What are Deployment Solution Configurations?
- About Pre-boot Configurations
- Creating Pre-boot Configurations
- Driver Database Management
- Image Multicasting
- Initial Deployment
- Adding OS Files
- Adding OS Licenses
- Predefined Computers
- PXE Server Configurations
- Sysprep Imaging Configuration
- System Configurations
- Tokens

Creating Images & Deploying Software

- Creating Images
- Editing Images
- Installing software with the Copy File Task

Deploying Operating Systems Using Images and Scripted OS Installations

- Deploying Computer Images
- Changing a Computer's System Configuration
- Disk Preparation
- Performing Scripted OS Installations

PC Transplant

- PC Transplant Overview
- Building PC Transplant Template Files with the Template Builder
- Capturing a Computer's Personality
- Editing Personality Packages
- Deploying Personality Packages
- Using A2i Builder

Deployment Site Servers

- What is a Deployment Site Server?
- Site Management Overview
- The Site Management Page
- Task and Package Service Review
- Deployment Site Server Differences



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