

Client Management Suite 7: Deployment & Imaging

COURSE DESCRIPTION

The *Client Management Suite 7: Deployment & Imaging* course is designed for the professional tasked with installing, configuring, and managing a Deployment Solution system. This five-day, instructor-led, hands-on course covers how Deployment Solution 6.9 SP1 simplifies the routine tasks of setting up new computers, migrating computers to a new operating system, and moving users to new operating systems or hardware. Students also learn how to install, configure, and use Deployment Solution to perform these types of tasks remotely from an easy-to-use console, saving time for employees and money for their enterprise.

Delivery Method

Instructor-led

Duration

Five days

Course Objectives

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

- Install and configure Deployment Solution 6.9 SP1.
- Remotely manage computers using the Deployment Console and Deployment jobs, including:
 - Creating and restoring unique computer images without visiting each computer using the RDeploy, Symantec Ghost, and Microsoft's ImageX imaging engines
 - Migrating computer personalities (user files and settings) using PC Transplant
 - Installing and configuring AClient, DAgent, and ADLagent, the Altiris Deployment System Agents
 - Installing and configuring Altiris automation to support the Deployment System
This includes installing PXE and embedded automation using WinPE, Linux, and DOS as automation operating systems.
 - Using ImageExplorer and Ghost Explorer to edit and update image files
 - Using the remote control, chat, and Remote Desktop features to manage computers from the Deployment Console
 - Installing Altiris Software Virtualization Solution and deploying and managing software applications using layers
 - Performing scripted operating system installations
- Set up and maintain strict Deployment System security.

- Make self-installing image files for easy and rapid computer recovery.
- Use Symantec Ghost tools to:
 - Deploy hardware independent images using DeployAnywhere technologies (for pre-Vista operating systems only).
 - Perform Department of Defense (DoD) disk wipes.
 - Perform Hot Imaging.
 - Preserve existing files while imaging.
 - Create VMware disks.
- Create and use custom scripts to perform many custom computer management tasks.
- Understand and use Altiris tokens to enhance and simplify computer management tasks.
- Use Wise Packager to create software installation packages and deploy them using the Deployment Console.

Who Should Attend

This course is for system administrators or anyone who will be installing, configuring, and managing a Deployment Solution system.

Prerequisites

You must have a have working knowledge of Microsoft Windows 2000, XP, 2003 and Vista; be familiar with network concepts, including LANs, network adapter cards, drivers, and network operating systems; and be familiar with hardware components such as hubs, switches, and routers.

Hands-On

This course includes over 50 practical exercises and labs using your own network or virtual computers that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

Deployment Solution 6.9 SP1 Overview

- Deployment Solution 6.9 SP1 Product Overview
- Deployment Solution Components

Installing and Configuring a Deployment System

- Preparing for a Deployment System Installation
- Installing a Deployment System
- Installing Additional Components and Options
- Managing Deployment Licenses

Deployment System Basics

- Console Components and Basic Functions
- Using Chat, Remote Control, and Remote Desktop
- Creating and Scheduling Jobs and Tasks
- Managing Jobs and Computers

- Using Deployment Console Filters
- Adding Computers to a Deployment System
- Configuring Deployment Console Security
- Deployment Solution Program Options
- SID Management with Sysprep
- Managing VMware VirtualCenters

Deployment System Agents

- Introduction to the Deployment Solution Agents
- Deployment Agent Settings
- Installing DAgent and AClient
- Deployment Agent Desktop Icon Options
- Key-based Authentication
- Deployment System Agent for Linux

The Altiris Automation Process

- Introduction to Altiris Automation
- Configuring and Managing PXE Servers
- Using the Boot Disk Creator
- Creating Automation Boot Types
- Using an Altiris Partition for Disk Caching

Creating, Deploying, and Managing Images

- Creating Computer Image Files
- Windows Scripted Installations
- Editing Image Files
- Deploying Images
- Ghost Tools and Imaging
- Using Deployment Solution Conditions
- Using the Initial Deployment Job
- Altiris Tokens and Token Replacement

Software Delivery

- SetupCapture
- Wise MSI Editor and Deploying MSI Packages
- Managing SVS Layers

Migrating Computers with PC Transplant

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