

Symantec Notification Server 7 Administration

COURSE DESCRIPTION

The Symantec Notification Server 7 Administration course is designed for I.T specialists tasked with installing, managing, and troubleshooting Notification Server. This five-day, instructor-led, hands-on class covers how to install and configure Notification Server and the Altiris Agents, and how to create and configure key items in the Symantec Management Console, such as targets and filters. After these topics, you learn about Notification Server infrastructure and architecture, and then apply troubleshooting techniques.

Delivery Method

Instructor-led training (ILT)

Duration

Five days

Course Objectives

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

- Install and configure Notification Server and Altiris Agents.
- Customize the Symantec Management Console.
- Use Resource Manager to discover computers and other resources.
- Create and manage organizational views, group components, filters, and targets.
- Administer user-based policies.
- Schedule maintenance tasks and policies.
- Set privileges, permissions, and secure the infrastructure with scoping.
- Generate custom and standard reports.
- Manage your environment using sites, site servers, and subnets.
- Design a Notification Server hierarchy, configure hierarchy replication, and publish content in a hierarchy.
- Run replication.
- Use tools and utilities to check the health of Notification Server.

Who Should Attend

This course is for system administrators responsible for installing, configuring, managing, and troubleshooting Symantec Notification Server.

Prerequisites

You should have basic working knowledge of Microsoft Windows and networking concepts, including LANs, network adapter cards, drivers and operating systems; and be familiar with computer hardware components, such as hubs, switches, and routers. Familiarity using VMware is helpful, but not required.

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

Understanding the Symantec Management Platform and System Requirements

- Understanding System Requirements
- Overview of Notification Server Fundamentals
- Learning about Notification Server Components

Planning and Designing Notification Server

- Viewing Design Requirements
- Examining Administrator Roles
- Taking the Administration Approach

Installing Notification Server

- Becoming Familiar with Installation Requirements for Notification Server
- Installing Notification Server using SIM
- Learning about Notification Server Details
- Configuring Notification Server

Symantec Management Console

- Overview of the Symantec Management Console
- Accessing the Symantec Management Console
- Customizing the Symantec Management Console
- Personalizing the Console to Specific Users

Installing and Setting Up the Altiris Agent

- Installing the Altiris Agent
- Setting Agent Policies
- Learning about Agent Reporting
- Verifying Computer Resources Using Resource Manager
- Performing Agent Processing and Scheduled Events
- Configuring Diagnostic, Agent Utility, and Registry Settings

Configuring Agent Settings and Tabs

- Reviewing the Altiris Agent Plugs-ins, Sub Agents, and Their Relationship with Notification Server
- Configuring Maintenance Window Settings
- Using Agents to Manage Computers That Are Outside the Network

Resource Management

- Defining Resources
- Using the Resource Manager
- Discovering Network Resources

- Applying Agent Check-in, Block-out, and Throttling
- Working with Unicast and Multicast
- Examples of how Notification Server Processes the NSE

Site Management

- Overview of Site Servers
- Managing Sites and Subnets
- Configuring Site Server Using Site Manager
- Learning about Task Service
- Working with Package Service

Creating and Managing Organizational Views and Groups

- Learning about Organizational Views
- Defining Organizational Groups
- Creating Custom Organizational Views and Groups
- Using OV and OG to Represent the Administration Environment
- Managing OVs and OGs

Creating and Managing Filters

- Introducing Filters
- Managing and Working with Pre-defined Filters
- Building New Filters Using Query Builder
- Creating Filters Using Raw SQL
- Constructing Filters Using Exclusions and Inclusions
- Using Filters within Filters
- Applying Filter Resource Membership Update Schedules

Creating and Managing Targets

- Introducing Targets
- Building a Target
- Managing and Working with Targets
- Working with Dynamic Targets
- Using Named Targets
- Performing Resource Scoping of a Target

Policy Management

- Getting to Know Policies
- Configuring Automation Policies for Managed Computers
- Administering User-Based Policies
- Managing with Policies
- Specifying a Policy Trigger by Message or Schedule

Task Management

- Overview of Task Management
- Defining a Maintenance Task
- Scheduling Maintenance Tasks and Policies
- Viewing the Calendar to Manage Schedules
- Configuring Shared Schedules
- Administering the Agent Using the Task Server on Notification Server

- Example of an Automation Policy Task Power/Tickle the Computer

Resource Scoping and Security

- Defining Security Roles
- Examining Privileges
- Setting Permissions
- Learning about Resource Scoping
- Applying Resource Scoping with Filters and Targets
- Generating Resource Scoping Reports
- Securing the Infrastructure with Scoping

Reporting and the Report Wizard

- Viewing Reports
- Building Custom Reports with the Report Builder
- Managing Resource History with Reports
- Extracting Report Results
- Saving Reports as a Snapshot or Web Part
- Reporting Results as a Static Filters
- Migrating Reports

Replication between Notification Servers

- Getting to Know Replication
- Setting Up and Configuring Replication
- Removing a Notification Server

Hierarchy Design and Configuration

- Introduction to Hierarchy
- Setting Up a Notification Server Hierarchy
- Configuring Hierarchy Replication
- Publishing in a Hierarchy

Migrating from Notification Server 6

- Preparing the Environment
- Becoming Familiar with Installation Requirements
- Learning about the Upgrade Process

Advanced Notification Server

- Delving into IIS
- Working with ASP.NET
- Looking at Database Tables

Notification Server Troubleshooting

- Performing Health Checks
- Managing System Information Using the Log Viewer
- Notification Server Troubleshooting Steps
- Troubleshooting the Altiris Agent Using the Altiris Agent Diagnostic Tools
- Uninstalling the Altiris Agent