

Course Overview

The Ivanti *DSM Packaging* course is a three-day training course covering concepts and principles within the DSM Suite. Students will learn the *Common Foundational Skills* (CFS) shared in the DSM suite, which will lead the participant through how to configure and manage the key infrastructure of DSM, including deployment of clients, client components and interactions, different types of packages, managing of sequence, technical dependencies, testing of packages, patch packages, and software targeting.

Course Objectives

By combining classroom training with scenario based hands-on exercises, students are empowered with the practical knowledge and skills needed to effectively administer the DSM Suite. You will learn:

- Introduction to the system and basic concepts
 - Infrastructure
 - Computer & user
 - Global software library
- Deployment of DSM clients
- Client components and their interactions
- Different types of packages
 - Repackaging of legacy applications by DSM-Spy
 - Import of MSI packages
 - Installation and deinstallation of applications by silent setup
 - Configuration package – concept and scenarios of use
 - Scripting with the proprietary NetInstall scripting language
 - Scripting support for WSH and PowerShell
 - Packaging of Plug-and-Play drivers
 - Patch packages
- Dependencies of packages and management of sequences
- Characteristics of packages like reboot management, compliance enforcement and others
- Testing of packages, pilot installations and rollout
- Software targeting / concepts
- Revisioning of packages
- Logfiles and trouble shooting
- Tips & Tricks

Course Duration

3 days

Course Pricing

US: \$2,295 USD

UK: £1,600 GBP

Germany: €2100 EUR

Australia: \$2,295 AUD

Delivery Method

This class is offered in an instructor-led format. Students will apply concepts learned through the use of a virtual lab environment.

Recommended Prerequisites

- Participation at the DSM foundation course is helpful but not required
- Basic knowledge about installation of Software
- Basic knowledge about Microsoft operating systems (services, local registry, local rights, drivers, etc.)

Audience

This accelerated course is intended for:

- Systems administrators
- Networking professionals
- Others responsible for administering the Ivanti Desktop Service Management (DSM) environment

Registration Information

You may register online at <http://training.ivanti.com>. Contact us at training@ivanti.com for more information.

Course Outline

Day 1

- Introduction
- Installation of applications
 - Microsoft Windows Installer
 - former installation procedures
- Overview and basics
 - Infrastructure
 - Managed Users & Computers
 - Global Software Library
 - Software Factory
 - Software LifeCycle
 - Editing of packages
 - Package directory
 - Properties of packages
 - Policies and Policy Instances
 - Pilot installations
- DSM Client
 - Installation
 - Components
 - Configuration
 - Lofiles
 - NiMoni.exe
 - Software shop
 - Exercise: DSM Client installation
- Packaging
 - Creating of a MSI Package
 - Distribution
 - Assignment
- Uninstallation of a MSI Package
- Test uninstallation and view of compliance
- Release package

- Creation of a revision
- Update to new revision
- Rollout scenarios
- Good Practice while working with MSI files

Day 2

- Prepackaged Applications
- eScript Package
 - Overview of the commands
 - Variables
 - Logfiles
 - NetInstall Spy
 - Software Shop
 - Support of WSH and PowerShell
 - Installation EXE Files (Silent Installation)
 - Configuration Packages
 - Plug & Play Driver Packages

Day 3

- Reboot Control
 - Job Policies
 - Exercise: Creating a Reboot script
- Installation Order
 - Defined installation order
 - Software Set
 - Package properties
 - Good Practice: Software Layer,
 - Installation Order
 - User defined tasks
 - PowerShell Extensions