

Course overview

HP OpenView Using Radia: Packaging and Publishing (UC313S)



This 4-day, lecture and lab course introduces best practices of publishing with HP OpenView using Radia: the ideal set-up and design of a publishing lab, quality assurance and piloting prior to deploying applications within production.

Audience

- Radia customers: Experienced Radia Administrators interested in learning how to use the Radia Packager and Publisher to optimally repackage legacy applications and to publish pre-existing Windows Installer applications
- Radia Channel Partners: Consultants and planners involved in project implementation activities
- HP Engineers involved in pre-sales and post-sales

Prerequisites

- HP OpenView using Radia: Essentials (UC311S)

Course Objective

Learn how to:

- Prepare a proper publishing environment
- Package and/or publish shrink-wrapped and in-house developed applications in both legacy and Windows Installer format.
- Update and upgrade applications.
- Perform “pre-” and “post-” executions during installation, verification, repair, update, and removal of an application.
- Export and import packages among Radia Configuration Servers.
- Troubleshoot errant applications on the Radia Client.
- Configure and deploy Radia client self-maintenance.
- Use the Radia Publishing Adapter to package a set of files.
- Establish package-to-package relationships.
- Use the Batch MSI function to successively publishing multiple MSI files.

Benefits to You

After completing this course, you will know:

- The Application Deployment Process
- The requirements for the Radia Publishing Lab and Radia Quality Assurance Lab
- How to use the Installation Monitor Mode and Component Selection Mode within the Radia Packager
- How to Publish MSI Applications with the Radia Publisher
- How to establish package-to-package relationships
- How to use the Radia Change Management Tools for export and import of Radia objects and resources

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- State-of-the-art classroom facilities
- Experienced and best-in-the-field HP instructors
- HP developed OpenView. We know the technology inside out, so you receive the best training experience possible.

Course Title: HP OpenView Using Radia: Packaging and Publishing

HP Product Number: UC313S

Category/Subcategory: OpenView / Change & Configuration Management

Course Length: 4 days

Level: Intermediate

Delivery Language: English

To Order: You can order this course online at <http://www.hp.com/learn>. At the site, select a country, then choose "registration" or "Book a course" and fill out the online registration form.

Next Steps: HP OpenView OS Manager Using Radia (UC316S)

Detailed Course Outline

Introduction

- Understand the Packaging Process
- Name available Packaging Tools
- Name roles in the Packaging Process
- Understand Packaging Lab setup
- Install basic Infrastructure

Installation Monitor Mode

- Use the Installation Monitor Mode to Package files to the Radia Configuration Server
- List the reasons for using the Installation Monitor Mode
- Describe the green, yellow, and red errors that may occur during scanning operations
- Inactivate a file, registry setting or shortcut that was picked up by the scanning operation
- Use Variabalization and Symbolic Substitution with the Installation Monitor Mode process

Component Selection Mode

- Use the Component Selection Mode to Package files to the Radia Configuration Server
- List the reasons for NOT using the Component Selection Mode
- Create a Requires Package connection between two Packages
- Install and Package files with the Radia Publishing Adapter

Product Maintenance

- Understand Configuration 'Wiring' of Product Maintenance
- Understand Module maintenance level identification
- Be able to target select audiences
- Manage deployment and immediate and deferred activation
- Be able to backup and restore core client modules

Windows Installer

- Describe the principles behind Windows Installer (WI) Technology
- Publish a Windows Installer application
- Compare Radia WI packages to Radia native packages
- List the various WI upgrade methods – Major, Minor, Small
- Examine both the MSI Redirector and Local AIP
- Examine the main WI packaging tools
- Predict WI deployment problems via Radia
- Examine Custom Actions and their usage
- Examine problematic WI applications
- Initiate a 'Basic Mode' WI deployment
- Examine how we can take control of a pre-existing WI application
- Examine WI Feature sets
- Examine WI Properties
- List WI Command lines
- List Radia/WI variables
- Examine WI Transform files
- Examine Batch MSI publishing
- Initiate a WI 'local repair/cache'
- Describe WI troubleshooting methodology

Packaging Process

- Understand Packaging Process
- Packaging Lab – Software and Hardware requirements
- QA Testing Lab – Software and Hardware requirements
- Move ZSERVICE from one RCS to another - describe steps
- Naming conventions – create logical convention
- Packaging Scenarios – choose correct scenario

Packaging Process Workflows

- Packaging Process flow chart and details

- QA Testing Process flow chart and details
- Production Process flow chart and details

Release Management

- List the steps of the Release Management process
- Describe and list the features of the Release Management tools
- Export a package from a configuration server DB using TREEXPRT
- Import a package from a configuration server DB using TREEMPRT
- To track the process of the export
- Name and read the logs generated

Service Deployment Options

- List the options and create packages using the New Application Wizard
- List and describe common uses for Client Methods, focusing on the ZMETHODS and BMETHODS of the ZSERVICE class
- List and describe the function of some ZSERVICE Class Variables including REMOVAL and REBOOT
- List features and describe use of the ALERT/DEFER class
- Describe the use of Service Groups

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