Course overview

HP OpenView Using Radia: Configuration and Operation (UC314S)

This 4-day, lecture and lab course covers installation, configuration, and operations of the Radia infrastructure, which includes the Radia Client, Configuration Server, Client Operations Profile Configuration, Distributed Configuration Server, Management Portal, Message Server, Reporting Server and Policy Server. Students gain an understanding of object flows from the perspective of a Client and a Configuration Server.

Audience

- Radia Customers: Experienced Radia Administrators interested in learning how to manage a Radia infrastructure
- 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), and
- Six months of hands-on experience with the Radia product

Course Objective

After completing the course, you will be able to:

- Understand the intricacies of the Client and Configuration Server resolution processes.
- Troubleshoot the Radia Configuration Server and client log files.
- Understand the installation and configuration of the Radia Client, Configuration Server, Client Operations Profile Infrastructure, Distributed Configuration Server, Management Portal, Message Server, Reporting Server and Policy Server.

Benefits to You

After completing this course, students will:

- Gain a greater understanding of how the Radia product operates internally.
- Use a variety of tools to troubleshoot a Radia environment.
- Install and configure the Radia Client, Configuration Server, Client Operations Profile Infrastructure, Distributed Configuration Server, Management Portal, Message Server, Reporting Server and Policy Server.

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- HP developed OpenView. We know the technology inside out, so you receive the best training experience possible

Course Title: HP OpenView Using Radia: Configuration and Operation

HP Product Number: UC314S

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 Using Radia: Packaging and Publishing (UC313S)

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

Next Steps: HP OpenView Patch Manager Using Radia (UC318S)

Detailed Course Outline

Course Introduction

- Course Overview
- Course Pre-requisites
- Class take-aways

Radia Client Management

- Identify the three basic core Radia Clients and the three additional Radia Clients
- List the requirements for installing the Radia Client in Wintel platforms
- Modify the install.ini file and install the Radia Client from a command line
- Examine the nvd.ini file
- Examine a client object with the Radia Client Explorer
- List, order, and describe the purpose of the 3 basic connections a client makes into the Radia Infrastructure during a typical client connection
- Describe the steps the Radia Client takes to download and install resources for an application
- List, define and initiate the Core and Optional radskman command line parameters
- List the Radskman command line options necessary for running machine and user connections
- Examine and troubleshoot client logs

Radia Configuration Server

- List the platforms the RCS can be installed on
- Install a Configuration Server
- Edit the EDMPROF.DAT configuration file
- List the objects the Configuration Server sends back to a client that contain the Desired State for an application
- Modify the Resolution Process on the Configuration Server
- List the signs of an overloaded RCS
- List the causes of an overloaded RCS and possible remedies
- Describe the two types of Pushback an RCS can have and the reasons for each
- Describe the purpose of Index and Content Cache
- Calculate the size of Index and Content Cache for a sample database size
- Run the Log File Analyzer Tool on an RCS Log File and analyze the results

Client Operations Profiles

- List the major benefits of using COP
- List the client objects will indicate a COP connection
- List the 6 ROLE's a SAP can have and which infrastructure devices can have each of the ROLE's
- Troubleshoot a COP connection
- Find the lines related to COP connection activity in a connect log file
- Determine a method for initiating a COP connection

Radia Distributed Configuration Server

- List the capabilities and major benefits of RDCS
- List RDCS pre-requisites
- Examine RDCS Architecture
- Describe 4.7 features and benefits
- Examine the RDCS interface
- Examine RDCS options
- Installation – perform installation of RDCS
- Examine creation of unique domains
- Perform a synchronization of unique domains
- Examine RDCS batch commands

Radia Management Portal

- List capabilities and major benefits of RMP
- Examine RMP Architecture
- Describe an RMP Zone and multiple portals
- Examine the RMP interface
- Installation – perform installation of master and sub-ordinate zone

- Examine purpose and use of RMA
- Examine RMP install of infrastructure components e.g. Radia Client
- Examine RCS Administrative Tasks
- Name benefits of AD integration
- Examine Policy Manager UI
- Describe Install Device feature and examine Device Groups
- Examine RMP Notification
- List features and benefits via OU or Group
- Describe options (WOL and others)
- Perform – select audience and run notification command

Radia Inventory Manager

- Understand roles of related Infrastructure components
- Define capabilities of the Radia Inventory Manager
- List features and capabilities of the Radia Inventory Manager
- Install the Radia Inventory Manager Server– list steps
- Configure and tune Radia Inventory Manager Server – modify settings
- Install the Radia Messaging Server – list steps
- Configure and tune Radia Messaging Server – modify settings
- Audit applications – name, build and install different types
- Troubleshoot the Radia Inventory Manager – name and solve main problems

Radia Policy Server

- List major benefits and capabilities of the Radia Policy Server
- Define and perform the required prerequisites for installing the Radia Policy Server on
- Amend the schema on MS Active Directory for the Radia Policy Server
- State the purpose of the Infrastructure component and identify a successful installation
- Locate and modify the pm.cfg Policy Server configuration file
- Create a connection with the Radia Configuration server for policy assignment
- List the major steps of the Radia Configuration Server setup for utilizing the Radia Policy Server
- State the purpose and perform basic and advanced policy assignment functions in the Radia Policy Server
- Perform a versioning exercise using Radia modeling

Radia Reporting Server

- Be familiar with the Radia Reporting Server reports
- Create a Radia Reporting environment
- Know the prerequisites for obtaining reports with the Radia Reporting Server
- Apply the prerequisites required for using the Radia Reporting Server
- Add all WBEM components needed for the Radia Reporting Server to your Radia Inventory Manager Reporting audit package
- Configure the Radia Reporting Server to connect to your databases
- Configure the Radia Reporting Server to connect to an existing LDAP directory
- Access the Radia Reporting Server Web site
- Be familiar with the Radia Reporting Server user interface
- Know how to use the features of the Radia Reporting Server
- Access the Radia Reporting Server log file

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