

HPE Discovery and Dependency Mapping Inventory 9.x Essentials

Overview

This 3-day instructor-led training is part of the Discovery and Dependency Mapping Software (DDM) and provides students with the skills needed to effectively install, configure, troubleshoot and tailor HPE DDM-I 9.3 software. Students will gain in-depth knowledge of how DDM-I identifies infrastructure assets, provides inventory data from network core devices.

Learning method

You will receive expert instruction from a DDM-I specialist who will present the course using slide presentation and facilitated discussion. At the end of each chapter there will be review questions followed by a hands on exercise to ensure understanding of each lesson.

Each student will receive a copy of the HPE Discovery and Dependency Mapping Inventory Essentials manual. This manual is used throughout the course and proves a useful reference tool upon completion of the course.

Duration: 3 days

Who will benefit from this course?

This is an ideal course for all people who need to use DDM-I such as:

- Customers: Administrators, developers, web developers, and managers who are managing the DDM-I product
- Channel Partners and HPE C&I Personnel: Consultants, system architects, integrators and planners who help customers with DDM-I implementations
- HPE Engineers: HPE personnel who provide pre-sales and post-sales support for DDM-I.

Course prerequisites

No prerequisites required

What you can expect to gain from this course?

At the end of the course, you will be able to:

- Understand the mechanics of how Discovery and Dependency Mapping Inventory software works.
- Successfully navigate the DDM-I web interface and client tools.
- Setup and configure DDM-I.
- Perform level I and II troubleshooting on Enterprise Discovery Configuration exceptions.

Course Content

Course Introduction

- Participant introductions
- Administration and Housekeeping
- Facilities
- Participants' responsibilities
- Course objectives
- Course outline



Module 1: Introduction to DDM-I

- What is DDM-I?
- Customer Challenges
- Roles of a User
- How DDM-I is Used

Module 2: Modules

- DDM-I Licensing Changes
- Inventory using Agent-less Discovery
- Inventory using Agent-based Inventory
- Utilization
- Aggregator

Module 3: Installation and Server Configuration

- Hardware Requirements
- Installation
- Accessing the Web Interface
- System Settings
- User Accounts
- Help Interface

Module 4: Detailed Discovery

- Network Terminology
- Discovery Process
- Discovery Process Summary
- Discovery Process Diagram
- Discovery Process Flow

Module 5: Preparation and Planning

- Planning Guide Relating to Discovery
- Preparation

Module 6: Discovery Configuration

- What are Configuration Profiles?
- What are Device Groups?
- Basic Configuration Profile
- Network Configuration Profile
- SNMP Configuration Profile
- Discovery Configuration Steps
- Device Group Priorities

Module 7: Discovered Device Evaluation

- Discovery Status
- Device Status
- Reports
- Device Manager
- Port Manager
- Exceptions

Module 8: Troubleshooting Discovered Devices

- Why is a device not discovered?
- Why does DDM-I have limited information on Network Core Devices?
- Why is device not identified correctly?

Module 9: Detailed Inventory Process

- What are Agents?
- What are Scanners?
- Scanner Supported Platforms
- DDMI Scanner Generator Enhancements
- Discovery vs. Inventory Process
- Inventory Process Summary
- Inventory Process Diagram
- Inventory Process Flow
- Store and Forward Server
- Scanner Scheduler

Module 10: Detailed Inventory Configuration

- Inventory Configuration Steps
- Define Agent Deployment Account(s)
- Agent Configuration Profile
- Configure Scanner Profile
- Configure Virtualization Profile
- Configure Mobile Devices
- Apply Profiles to Device Groups

Module 11: Inventoried Device Evaluation

- Discovery Status
- Device Status
- Reports
- Device Manager
- Scan Data Viewer
- Exceptions

Module 12: Troubleshooting Inventory/Utilization

- Why is DDM-I unable to deploy an agent on a device?
- Why is DDM-I unable to run a scanner on a device?
- Why is DDM-I unable to collect software utilization information on a device?

Module 13: Scanner Generator

- Scanner Generator Functionality
- Scanner Executable
- Scanner Generator Wizard
- Software Identification Tags



Module 14: Viewer

- Overview and Functionality
- Windows Viewer versus Java Viewer

Module 15: Analysis Workbench

- Functionality
- Tagging and Filtering
- Queries

Module 16: Application Recognition Process

- Application Recognition Overview
- Application Recognition Identification
- Application Recognition Flow
- File Signatures
- Application Recognition Engine
- Application Before and After Teaching

Module 17: SAI Editor

- SAI Editor Overview
- SAI Editor Interface
- SAI Editor Functionality

Module 18: Teaching Applications

- Pre and Post Scanning Method
- MSI Installer Method
- Rule-Based Method

Module 19: XML Enricher Service

- XML Enricher Service Overview
- XML Enricher Service Directory Structure
- XML Enricher Configuration File