MICRO FOCUS®

Course Data Sheet

DMA350 – Database and Middleware Automation 10.x – Automating Beyond Infrastructure and OS

Course No.: DMA350-1050	Category/Sub Category: Cloud Automation/Database and Middleware Automation
For software version(s): 10.50 Software version used in the labs: 10.50	Course length: 5 days
Delivery formats: Instructor Led (ILT) and Virtual Instructor Led (VILT)	Training is available as a private session onsite.
To order visit: Software Education	

Course Description

This five-day course starts with introducing the concepts and usage of the Database and Middleware Automation (DMA) software, continues with detailed use cases of DMA, and finally students learn to modify out-of-the-box (OOTB) flows. DMA is part of Cloud Automation solutions. Working with DMA 10.50 includes using the DMA UI and the DMA runtime engine to locate, run, monitor, author, and deploy automated workflows. A flow is a set of actions linked by decision-making logic to automate tasks. Other topics in the course include using Solution Packs for Microsoft SQL, Oracle, and JBoss. This course also covers creating custom workflows, using the Database and Middleware discovery process, doing compliance checks as well as using the Representational State Transfer (REST) API.

The course consists of focused, task-oriented lectures, text, and a series of detailed hands-on labs to teach the course material to the student. The hands-on labs use version 10.50 of the software.

Audience/Job Roles

This course is intended for:

- Administrators
- DB Administrators
- DMA Content Developers

Course Objectives

Upon successful completion of this course, you should be able to:
Plan for ALM implementation

- Describe all major features and benefits of the Database and Middleware Automation (DMA) product
- Describe how to implement the DMA software
- Implement the selected out-of-the-box (OOTB) workflows
- Describe how the product is configured and developed
- Develop custom workflows

Prerequisites/Recommended Skills

To be successful in this course, you should have the following prerequisites or knowledge:

- Successful completion of SA120 – Server Automation 10.x Essentials
- Database and middleware terms and concepts
- Different operating system environments

Learning Path

SA120 – Server Automation 10.x Essentials

DMA350 – Database and Middleware Automation 10.x – Automating Beyond Infrastructure and OS

Certification

N/A

Course Topics

Modules	Objectives
Module 1: Course Overview	- List the contents of the course - List the goals of the course - Recognize fellow participants - Summarize the class schedule - List the prerequisites
Module 2: Introducing DMA	Describe all the major features and benefits of DMA
Module 3: DMA Walkthrough	Implement DMA
Module 4: DMA Troubleshooting	Troubleshoot DMA
Module 5: DMA Representational State Transfer (REST) API	Use the DMA REST API
Module 6: Managing Microsoft SQL Databases	Use DMA to manage SQL databases
Module 7: Managing Oracle Databases	Use DMA to manage Oracle databases
Module 8: Managing JBoss Middleware	Use DMA to manage JBoss installations
Module 9: DMA Development	- Describe steps and parameters - Work with libraries - Integrate your content into DMA