

Forefront Identity Manager 2010 R2: Advanced



WorkshopPLUS

Target Audience:

This WorkshopPLUS is intended for Systems Engineers, Developers, Architects, and Project Leaders, who have FIM 2010 R2 or Microsoft Identity Lifecycle Manager 2007 experience and who need to gain an advanced understanding of FIM 2010 R2.

*Good knowledge of the topics discussed in the **WorkshopPLUS-Forefront Identity Manager 2010 R2: Introduction and Technical Overview** is expected. This training will discuss only the advanced topics, and the basic topics will not be discussed.*

Overview

Microsoft Forefront Identity Manager 2010 R2 changes the current state of Identity Management by providing powerful end user self-service capabilities, Audit, BHOLD, Role Based Access Control (RBAC) and Advanced Identity Management Reporting.

This three-day WorkshopPLUS builds on the training imparted by the FIM 2010 R2 Introduction and Technical Overview WorkshopPLUS, and it explains the advanced features and capabilities of FIM 2010 R2. It also discusses in depth the solution scenarios that FIM addresses including BHOLD and Reporting.

Key Features and Benefits

The WorkshopPLUS format includes presentations, discussions, demonstrations, and many hands-on exercises. IT pros are given tools to solve day-to-day tasks such as delegating administration and creating workflows for common identity management tasks.

Technical Highlights

After completing this course, you will be able to:

- Perform schema and portal customizations.
- Implement access control and the validation and approval processes.
- Implement cross forest group membership using FIM 2010 R2.
- Delegate the account unlock option to users.
- Deploy FIM reporting and create custom reports.
- Install and configure BHOLD, and further implement RBAC using BHOLD.

Syllabus

Hosted Requirements:

Participants will need a computer with the following configuration:

Operating system: *At least Windows 7*

HDD: *50 GB free drive space*

Ports: *A USB port*

Peripherals: *10 Mbps or faster network adapter*

Other Software: *At least an evaluation copy of Office 2010 Professional, and a PDF reader.*

Participants also need a Microsoft account to connect to the virtual environment.

The classroom must be networked, with access to the internet with at least a total Internet bandwidth of 2 Mbps.

The TCP port 443 must be open. We highly recommend a wired network in the classroom.

Hardware Requirements:

Participants will need a computer with the following configuration:

Operating system: *At least Windows 8 or Windows Server 2012*

RAM: *16 GB*

HDD: *100 GB free drive space*

Ports: *A USB port*

Peripherals: *10 Mbps or faster network adapter*

Other Software: *At least an evaluation copy of Office 2010 Professional, and a PDF reader.*

This WorkshopPLUS runs for **three** full days. Students should anticipate consistent start and end times for each day. Early departure on any day is not recommended.

Module 1: FIM Best Practices and Troubleshooting:

This module covers FIM configuration and best practices in maintenance. In this module you will also learn how to use advanced troubleshooting tools and techniques that will support troubleshooting on a FIM 2010 R2 environment.

Module 2: Access Control and Portal Customization: One of the requirements for most enterprise environments is the ability to easily customize and configure the layout and design of the FIM Portal in FIM 2010 R2 to better match a particular work environment. In this module, you will be learning techniques and approach methodologies to make FIM schema and FIM portal customizations.

Module 3: Workflow and Activities: In this module you will learn to develop custom Windows Workflow Foundation (WF) and FIM workflows and activities. Developers can create custom activities and workflows in Microsoft Visual Studio 2010 that can be used in the FIM Service. Custom workflows can include a combination of out-of-box FIM activities, custom activities, or WF activities. Using Windows Workflow Foundation, you can develop a custom authentication, authorization, or action workflow activity to use in FIM.

Module 4: Group Management: This module focuses on group policy management in FIM. You are presented with advanced techniques on generating Group definitions and cross forest group management.

Module 5: Password Management: This module discusses the advanced configuration of SSPR (Self Service Password Feature) in FIM 2010 R2. The hands-on labs walk through the customization of the SSPR.

Module 6: Reporting Intro: This module explains how to deploy FIM reporting and create custom FIM reports. The module goes deeper into explaining FIM Service Database, Binding Objects, Report Objects, FIM Reporting Administration, Management Pack, System Center Service and SQL Server Reporting Services RDL.

Module 7: RBAC with BHOLD Introduction: Microsoft BHOLD Suite extends these capabilities of FIM 2010 R2 by adding RBAC to FIM 2010 R2, thus, enabling organizations to define user roles, and to control access to sensitive data and applications in an appropriate way for those roles. BHOLD Suite includes services and tools that simplify the modelling of the role relationships within the organization, map those roles to rights, and verify that the role definitions and associated rights are correctly applied to users. These capabilities are fully integrated with FIM 2010 R2, providing a seamless experience for end users and IT staff alike. In this module, the BHOLD installation and configuration is discussed as well as RBAC with BHOLD.