

System Center Opalis BootCamp

Number of Days: Three (3)

Prerequisites:

Before attending this course, students should have:

- MCSA certification, or equivalent knowledge
- Understanding of scripting and/or programming

The course materials, lectures, and lab exercises are in English. To benefit fully from our instruction, students need an understanding of the English language and completion of the prerequisites.

Course Materials and Software:

The student kit includes a comprehensive workbook with detailed hands on labs for this class. No software is provided in the student kit but an evaluation of System Center Opalis is available at the Microsoft site.

Instructors:

The instructors that deliver this course are experienced, enterprise consultants who have experience in the deployment of Opalis. All of our instructors have real-world expertise and are both accomplished consultants and excellent presenters that make the delivery interesting and provide insight into real world issues that they have had to provide solutions to.

Description:

This three-day course is a mix of in-depth instructor led training and hands-on labs where you will learn about all of the components of System Center Opalis, which include how to create workflows and how to work with different Integration Packs which will ensure you receive a deeper understanding and increased knowledge about the System Center Integration Packs.

The hands-on labs in this class will walk the attendees through the process of creating a custom Opalis Workflow from the design and planning stages through to the creation of an Opalis Integration Pack. This class will use several 'popular' scenarios and step through the workflow development process as an exercise that results in multiple production quality workflows that can be used in a production environment.

This class begins with a brief introduction to ITPA (IT Process Automation), RBA (Run Book Automation), Orchestration and then dives into all of the components of System Center Opalis.

Course Outline:

The lessons included in this course are:

Module 0: Introductions

Module 1: Overview of Opalis & System Center

Module 2: MOF

Module 3: Installation of Opalis

Module 4: Integration Packs

Module 5: Using the Workflow Designer

Module 6: Using the Operator Console

Module 7: Deep-Dive Planning and Guidelines Design Workflows

Module 8: Advanced Authoring

Module 9: Opalis IP and System Center hands on

Module 10: SQL integration

Module 11: Web Service Integration

Appendix: The following modules will only be covered if time permits.

Appendix A: OISStartPolicy

Appendix B: Legacy Objects, and why not to use them

Appendix C: Standard Objects information

Module 1: Overview of Opalis & System Center

After completing this module, students will have:

- A thorough understanding of Orchestration, Workflows and IT Process Automation (ITPA)
- Understand the benefits of using Opalis and System Center together
- Understand the different components of Opalis:
 - Workflow designer
 - Management server
 - Action server
 - Workflow objects
 - Operator Console
 - Policies / Workflows
 - Databus
- Use the correct Opalis Terminology

Module 2: MOF

After completing this module, students will:

- Understand MOF (Microsoft Operations Framework) on a high level
- Situate System Center Opalis within the framework

Module 3: Installation of Opalis

After completing this module, students will:

- Understand the requirements
- Be able to architect and plan an Opalis infrastructure
- Be able to install the different components of Opalis

Module 4: Integration Packs

After completing this module, students will:

- Understand what an Integration Pack is
- Understand the differences between the Integration Packs
- Be able to import Integration Packs

Module 5: Using the Workflow Designer

After completing this module, students will:

- Understand and know the different components of the Workflow Designer
- Build policies
- Understand what Opalis Objects are
- Test and run Policies

Module 6: Using the Operator Console

After completing this module, students will be able to:

- Understand and know the components of the Operator Console
- Be able to use the Operator Console to run and monitor policies

Module 7: Deep-Dive Planning and Guidelines Design Workflows

After completing this module, students will be able to:

- Understand why it is important to plan a workflow in advance
- Follow the workflow best practices
- Learn the importance of documenting a policy

Module 8: Advanced Authoring

After completing this module, students will be able to:

- Write Opalis workflows
- Utilize the Databus
- Manipulate data
- Create own Integration packs with the Quick integration Kit (QIK)

Module 9: Opalis IP and System Center hands on

After completing this module, students will be able to:

- Understand the System Center IP's
- Work with the System Center IP's

Module 10: SQL integration

After completing this module, students will be able to:

- Understand the SQL integration objects
- Use the database automation possibilities such as Dump, Copy and Load

Module 11: Web Service Integration

After completing this module, students will be able to:

- Understand the Web Service Integration
- Connect to a Web Service, gather response data and use XPath queries to parse and display it.

Appendix A: OISStartPolicy

This appendix explains the OISStartPolicy command to invoke policies from other systems

Appendix B: Legacy Objects, and why not to use them

This appendix explains what legacy objects are and why you should try to avoid them. If they need to be used, then the appendix explains how you can use them in a safe manner without risking your policy to fault

Appendix C: Standard Objects information

This appendix explains the different objects in detail.

To Register

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