Microsoft Dynamics AX 2012: Administration and Troubleshooting

Overview

Keeping up with all the components of Microsoft Dynamics AX environment can be a challenging task. With the Microsoft Dynamics AX 2012 Administration and Troubleshooting WorkshopPLUS, you can gain a deeper understanding of how to install, configure, and maintain the different components of Microsoft Dynamics AX environment. This three-day WorkshopPLUS on Microsoft Dynamics AX, conducted by Microsoft experts provides you with the necessary tools to run an effective Enterprise Resource Planning (ERP) application.

This WorkshopPLUS provides you with the following:

• Guidance on requirements and prerequisites for Microsoft Dynamics AX 2012 deployments
• Hands-on experience in configuring the different server components and features of Microsoft Dynamics AX 2012
• Experience working with the monitoring and troubleshooting tools used by Premier Engineers in the field

Technical Highlights

After attending this WorkshopPLUS, you will be able to:

• Understand the requirements and prerequisites for a Microsoft Dynamics AX 2012 deployment.
• Install and configure Microsoft Dynamics AX 2012 server components and features.
• Perform the administrative tasks necessary to maintain a healthy Microsoft Dynamics AX operating environment.
• Manage the movement of customizations from one environment to another.
• Implement and troubleshoot security.

Target Audience:

• This class is intended for an audience with some experience in installing and configuring Microsoft Dynamics AX.
• The class is aimed at IT professionals who want to gain a deep understanding of how to maintain their complex implementation.
Syllabus

Hardware Requirements:

Labs delivered on computers within the classroom must meet or exceed the following:
• Windows Server 2008 with Hyper-V
• Intel Core i5-class processor with at least two cores (Four recommended)
• 8 GB RAM
• 120 GB Hard Drive
• 19-inch Monitor

Module 1: Overview and Planning: This module provides an overview of Microsoft Dynamics AX 2012 architecture and key pre-installation tasks.

Module 2: Installation and Configuration: This module discusses the installation features and tasks necessary to successfully install and configure Microsoft Dynamics AX 2012 for operation.

Module 3: Manage Users and Security: This module discusses the security model and its elements with a focus on managing role-based security.

Module 4: Manage Database Logging: This module focusses on learning how to create and manage audit trails using the database logging feature.

Module 5: Model Management and Code Deployment: This module covers how to interact with models and the model store to successfully deploy customizations to a Microsoft Dynamics AX 2012 environment.

Module 6: General System Administration: This module discusses the system parameters, common maintenance procedures, and administrative capabilities available in Microsoft Dynamics AX 2012.

Module 7: Manage Batch Processing: This module focusses on learning how to interact with the batch framework to configure, manage, and troubleshoot batch jobs.

Module 8: Manage AOS Load Balancing: This module discusses how to configure and manage load balancing for services and Microsoft Dynamics AX client connections.
Syllabus (continued)

**Module 9: System Monitoring:** This module covers different tools available to help you monitor the health and performance of a Microsoft Dynamics AX 2012 environment.

**Module 10: Reporting:** This module explains the reporting architecture and learn how to deploy reports.

**Module 11: Office Add-ins:** In this module, you can learn how to make Microsoft Dynamics AX data available to Microsoft Office.

**Module 12: Analytics:** This module discusses Business Intelligence components including default cubes, security, and deployment tools.

**Module 13: Enterprise Portal:** This module provides an overview of Enterprise Portal architecture, components, security, and deployment tools.

**Module 14: Services:** This module covers the services and Application Integration Framework (AIF) components and the steps required to configure inbound and outbound ports.

**Module 15: Manage Alerts:** With this module, you can learn how to configure and manage settings for alerts.

**Module 16: Manage Email:** This module explains how to configure and manage settings for email.