



Key Data

Course #: 8332A

Number of Days: 2

Availability: Sept 2004

Languages: US-EN

Format: Instructor Led Training

Student Materials:

- Student Courseware

Format:

- Instructor-Led

Certification Exams:

- W1 AX-05-050 Axapta Server V 3.0
- W1 AX-05-020 Axapta MS SQL Databasev. 3.0

Certification Track:

- None

This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.

Course content, prices, and availability are subject to change without notice.

Key Related Courses:

- Install and Configuration II
- Advanced Admin

Course Syllabus

Microsoft Axapta Installation and Configuration I

Elements of this syllabus are subject to change.

Introduction

This two day course introduces the student to the basic 2-tier installation of Microsoft® Business Solutions–Axapta® 3.0 including its general architecture, hardware and software requirements, the step-by-step 2-tier installation, database installation, and components.

Audience

This course is intended for System Administrations and other technical support responsible for the planning and installation and configuration of Microsoft Axapta 3.0. This audience typically includes technical consultants working with Microsoft Axapta to develop customizations and modifications to meet clients' needs. Additionally, consultants who are responsible for training or supporting the customer benefit from this course.

At Course Completion

After completing this course, students should be able to:

plan and prepare their installation

- Plan and prepare their installation
- Install Microsoft® SQL Server® 2000 and its service pack
- Install Microsoft Analysis Server and its service packs
- Install and configure Microsoft Axapta for a 2-tier environment
- Understand the Microsoft Axapta database architecture, including Application Object Tree, and documentation components.

Prerequisites

Before attending this course, students must have:

- Strong working knowledge of Microsoft® Windows® 2000, Windows 2003, or Windows XP. Successful completion of Microsoft Certification Exams 70-215 and 70-216 or 70-290 and 70-291 would be ideal.
- High technical proficiency with SQL Server 2000.
- Knowledge of X++ programming is an advantage when talking about tuning of Axapta systems.

Student Materials

The student materials include a comprehensive workbook and other necessary materials for this class.

The following materials are provided:

- Microsoft Axapta 3.0 Installation and Configuration Course I Manual

For a referral to a Microsoft Certified Partner Learning Solution in your area, see the Microsoft Training and Certification Web site at <http://www.microsoft.com/traincert>. Call your local Microsoft Certified Partner Learning Solution for more information and to register for classes.

Introduction to Microsoft Axapta 3.0

This chapter introduces the students to the Microsoft Axapta 3.0 Installation and Configuration Course I. It provides a general overview of each chapter, and establishes a few housekeeping rules for the duration of the course.

Sections
<ul style="list-style-type: none"> ▪ Welcome and introductions ▪ Course overview ▪ Course expectations ▪ Housekeeping rules
Exercises
<ul style="list-style-type: none"> ▪ None

After completing this chapter, students should be able to:

- Understand the outline for the course
- Determine if their expectations align with the course

Chapter 1: General Architecture

This chapter discusses the general architecture of Microsoft Axapta 3.0 Installation and Configuration. It covers the prerequisites needed before you can perform an installation, including a planning and preparation section. By the end of this chapter the students have a solid foundation of the basics needed to plan and install Microsoft Axapta 3.0 in a 2-tier environment.

Sections
<ul style="list-style-type: none"> ▪ Planning for your installation ▪ 2-tier installation ▪ Terminal Services ▪ Microsoft Axapta key technical features ▪ Caching ▪ Integration Possibilities ▪ Commerce Gateway/BizTalk ▪ COM/DCOM ▪ Internet Information Server (IIS), and ▪ Web deployment
Exercises
<ul style="list-style-type: none"> ▪ Plan for a 2-tier installation ▪ Perform a 2-tier installation ▪ Test Your Knowledge

After completing this chapter, students should be able to:

- Install Microsoft Axapta 3.0 in a 2-tier environment
- Understand key technical features and how they work
- Understand integration possibilities, COM/DCOM, and Web deployment
- Understand BizTalk and Commerce Gateways and their relationship with Microsoft Axapta 3.0

Chapter 2: Hardware and Software Requirements

This chapter focuses on teaching the student about the hardware and software requirements needed to install Microsoft Axapta 3.0. In addition, students learn how to use the sizing tool, understand database servers and their configuration, RAID, and the AOS.

Sections
<ul style="list-style-type: none"> ▪ Axapta Standard User (ASU) Hardware ▪ Microsoft Axapta Object Server (AOS) ▪ Application File Server ▪ Client Requirements ▪ Batch Server ▪ Network Requirements ▪ Windows Terminal Server (WTS) ▪ Software Requirements
Exercises
<ul style="list-style-type: none"> ▪ Plan an installation using the ASU tools ▪ Software requirements – learn how to identify appropriate operating system and database software for an installation ▪ Exercises ▪ Test Your Knowledge

After completing this chapter, students should be able to:

- Understand and use the ASU sizing tool
- Determine hardware and software requirements using the tables provided in this chapter
- Determine client requirements using the tables provided
- Understand the concept of batch servers
- Understand network requirements
- Exercises
- Test Your Knowledge

Chapter 3: Database Installation

This chapter teaches the student how to install Microsoft SQL Server and Microsoft Analyses Server and their service packs.

Sections
<ul style="list-style-type: none"> ▪ Installing Microsoft SQL Server 2000 and its service pack ▪ Installing Microsoft Analyses Server and its service pack
Exercises
<ul style="list-style-type: none"> ▪ Perform the database installs, along with their service packs ▪ Test Your Knowledge

After completing this chapter, students should be able to:

- Install Microsoft SQL Server 2000 and its service pack
- Install Microsoft Analyses Server and its service pack

Chapter 4: Microsoft Axapta 3.0 2-tier installation

This chapter instructs on how to install Microsoft Axapta in a 2-tier environment and introduces the installation checklist.

Sections
<ul style="list-style-type: none"> ▪ Prerequisites to installing Microsoft Axapta 3.0 ▪ Naming Conventions ▪ Microsoft Axapta Application files installation ▪ Microsoft Axapta Client 2-tier installation and configuration ▪ Installation checklist
Exercises
<ul style="list-style-type: none"> ▪ Install Microsoft Axapta 3.0 application files ▪ Install Microsoft Axapta 3.0 2-tier installation and configuration ▪ Install Microsoft Axapta 3.0 service pack ▪ Configure the Microsoft Axapta 3.0 Client ▪ Installation checklist ▪ Test Your Knowledge

After completing this chapter, students should be able to:

- Understand the prerequisites needed to install Microsoft Axapta 3.0
- Understand what good naming conventions look like and why they are important
- Install Microsoft Axapta 3.0 application files
- Install Microsoft Axapta 3.0 2-tier installation and configuration
- Install Microsoft Axapta 3.0 service pack
- Configure the Microsoft Axapta 3.0 Client

Chapter 5: Components

This chapter introduces the student to the Microsoft Axapta file structure, database architecture, the Application Object Tree and its components.

Sections
<ul style="list-style-type: none"> ▪ Microsoft Axapta File Structure ▪ Database Architecture ▪ Application Object Tree ▪ Documentation Components
Exercises
<ul style="list-style-type: none"> ▪ Test Your Knowledge ▪ Test Your Skills

After completing this chapter, students should be able to:

- Understand the Microsoft Axapta File Structure
- Understand the Database Architecture
- Be familiar with the AOT and its supporting objects
- Understand Document Components

Appendix A: Oracle 9i Installation

This appendix provides step-by-step installation and configuration procedures to help students install an Oracle 9i database on their operating system, if they choose not to install SQL Server 2000 database.

Sections
▪ Installation instructions
Exercises
▪ Test Your Knowledge
▪ Test Your Skills

After completing this chapter, students should be able to:

- Install Oracle 9i

Appendix B: Answer Key

This appendix provides a complete list of questions and answers posed at the end of each chapter, as a chapter summary.

Sections
▪ Test questions and answers for each chapter
Exercises
▪ None

After completing this chapter, students should be able to:

- Reinforce their understanding of each chapter