
MICROSOFT DYNAMICS NAV – COURSE OUTLINE

1) MICROSOFT DYNAMICS NAV – INSTALLATION & CONFIGURATION

Module 1: Architecture

This module explains the Microsoft Dynamics NAV architecture and its core components.

Lessons

- Microsoft Dynamics NAV Architecture
- The Client Options
- Installation Options

After completing this module, students will be able to:

- Understand the Microsoft Dynamics NAV architecture and its core components.
- Understand the client options supported in Microsoft Dynamics NAV.
- Understand the different setup options.

Module 2: Installation Requirements

This module explains the operating system and software prerequisites for Microsoft Dynamics NAV.

Lessons

- Software Prerequisites for Microsoft Dynamics NAV
- SQL Server Database Components
- Microsoft Dynamics NAV Server
- RoleTailored Client for Windows
- Microsoft Dynamics NAV Web Client
- Microsoft Dynamics NAV Portal Framework for Microsoft SharePoint 2010
- Microsoft Dynamics NAV Business Web Services
- Automated Data Capture System (ADCS)

Lab : Install the Three Tiers on Three Computers

AWANSOFT TECHNOLOGY SDN BHD

C-5-6 Plaza Mont Kiara, 2 Jalan Kiara, 50480 Kuala Lumpur, Malaysia

Tel: +6 017 555 2100

Fax: +6 03 6201 3882

Email: awansoft@awansoft.biz

URL: www.awansoft.biz



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- Provision a Service Account
 - Install SQL Server Database Components
 - Install Microsoft Dynamics NAV Server
 - Install Microsoft Dynamics NAV RoleTailored Client for Windows

After completing this module, students will be able to:

- Understand the operating system and software prerequisites for Microsoft Dynamics NAV.
- Select the correct Microsoft Windows Server Edition for the core components.
- Select the correct Microsoft SQL Server edition for the Microsoft Dynamics NAV environment.

Module 3: Microsoft Dynamics NAV Server

This module explains the installation, configuration, and administration of the Microsoft Dynamics NAV Server.

Lessons

- Microsoft Dynamics NAV Server
- Server Administration
- Wide Area Network Connections
- NAS Services

Lab : Managing NAV Server Instances

- Install Database to an Existing SQL Server (Production Environment)
- Setting Up the SQL Database for the Test Environment
- Installing Microsoft Dynamics NAV Server (Production Environment)
- Creating Server Instance for the Test Environment
- Disabling Web Services

Lab : Setting up NAS Services

- Creating a Server Instance
- Setting Up NAS Services
- Disabling Other Services



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- Restarting NAS Services

After completing this module, students will be able to:

- Explain how to install and configure Microsoft Dynamics NAV Server.
- Explain how to manage Microsoft Dynamics NAV Server instances.
- Explain how to administer Microsoft Dynamics NAV Server.
- Explain how to setup Microsoft Dynamics NAV Server to support wide area network connections.
- Illustrate how to setup Microsoft Dynamics NAV Application Server.

Module 4: Microsoft Dynamics NAV Client Installation

This module explains the installation of Microsoft Dynamics NAV Client.

Lessons

- Install the RoleTailored Client for Windows
- Install Business Web Service Components
- Install Web Client
- Install Portal Framework for SharePoint 2010
- Support Wide Area Network Connections
- Add Client Languages

Lab : Create a Setup Configuration File

- Create Setup File

Lab : Set Up the RoleTailored Client for Windows from the Command Line

- Install the RoleTailored Client for Windows without the Development environment
- Install the RoleTailored Client for Windows Together with the Development environment

After completing this module, students will be able to:

- Install Microsoft Dynamics NAV in a stand-alone environment.
- Install Microsoft Dynamics NAV RoleTailored clients for Windows on a network.



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- Install Microsoft Dynamics NAV Web client.
 - Install Microsoft Dynamics NAV Portal Framework for Microsoft SharePoint.
 - Install additional languages.
 - Explain how to configure the Microsoft Dynamics NAV RoleTailored client for Windows to support WAN connections.
 - Explain how to install additional interface languages for Microsoft Dynamics NAV.

Module 5: The Development Environment

This module explains how to manage databases, companies, licenses and objects.

Lessons

- Installation
- Managing Databases
- Managing Companies
- Managing Licenses
- Managing Objects

Lab : Create a Development Environment

- Make a Backup of the Production Database
- Create a New Database
- Restore a Backup in the Development Database

Lab : Restore Company Data

- Restore a Company in the Development Database

Lab : Alter the Database

- Change the Start ID (UidOffset) Parameter

After completing this module, students will be able to:

- Install the Development environment.
- Explain how to manage databases, companies, licenses and objects.

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- Explain the possibilities of the Demo License.
 - Explain how to upload a Microsoft Dynamics NAV license.
 - Explain the functionalities of the Object Designer.

Module 6: RoleTailored Client For Windows Personalization

This module explains the concepts of the RoleTailored Design.

Lessons

- RoleTailored Design
- Configuration
- Customize the Navigation Pane
- Customize Pages

Lab : RoleTailored Client for Windows Personalization

- Configure the Sales Order Processor role center

After completing this module, students will be able to:

- Explain the RoleTailored Design principle.
- Explain the difference between personalization and configuration.
- Explain how to customize the different parts of the RoleTailored client for Windows user interface.
- Explain how to customize pages.
- Show how to enable and disable personalization in the RoleTailored client for Windows.

Module 7: Deployment

This module explains the deployment of Microsoft Dynamics NAV client for Windows by using group policy. Lessons

- Deployment Process
- Deploy Microsoft Dynamics NAV

Lab : Microsoft Dynamics NAV Deployment

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- Deploy Microsoft Dynamics NAV Clients
 - Create a GPO Console for the Software Installation GPO

After completing this module, students will be able to:

- Explain Software Deployment with Group Policy
- Deploy Microsoft Dynamics NAV client for Windows by using Group Policy

Module 8: Microsoft Dynamics NAV PowerShell Administration Shell. Lessons

- The PowerShell API
- PowerShell Commands

Lab : Administering NAV Server Using PowerShell API

- Check the Server Status and License
- Add a New User
- Assign permission sets to the User

After completing this module, students will be able to:

- Explain how to start the Microsoft Dynamics NAV Administration Shell.
- Explain the general commands and parameters that can be used when administering Microsoft Dynamics NAV Server.

Illustrate how to use the PowerShell commands to administer Microsoft Dynamics NAV Server.