KOENIG SOLUTIONS · COURSE OUTLINE

Installation and Configuration in Microsoft Dynamics NAV 2018

Learn to install, configure, deploy and upgrade Microsoft Dynamics NAV 2018 across server, client and development environments.

9 MODULES

52 TOPICS

COURSE OVERVIEW

This course covers the architecture of Microsoft Dynamics NAV 2018, including its multi-tier application structure, client options and installation requirements. It examines the installation and administration of the Microsoft Dynamics NAV Server, the various clients, and the development environment, including database, license and object management. It also addresses Windows Client personalization, deployment methods such as ClickOnce, Microsoft Azure VMs and Azure SQL, multitenancy migration, extensions and the PowerShell API. The course concludes with upgrading a database, application code, data and extensions to Microsoft Dynamics NAV 2018.

WHO THIS COURSE IS FOR

- System Administrators
- NAV Developers
- Database Administrators
- IT Infrastructure Specialists
- Solution Implementers

LEARNING OBJECTIVES

- Describe the multi-tier architecture and client options in Dynamics NAV
- Identify server, client and additional installation requirements
- Configure and administer the Microsoft Dynamics NAV Server
- Install the Windows, Web and Phone clients
- Manage databases, licenses and objects in the development environment
- Customize the Windows Client navigation pane and pages
- Deploy Dynamics NAV using ClickOnce and Microsoft Azure
- Plan the upgrade of a database, application code and extensions

COURSE SYLLABUS

9 Modules, 52 Topics

01

Architecture

TOPICS

- Architecture
- Multi-tier Application
- **The Client Options:** Windows, Web, Tablet and Phone clients
- **The Client Options:** Web services and NAS
- Installation Options - Part 1
- Installation Options - Part 2

02

Installation Requirements

TOPICS

Server Components · Clients and Client Components · Additional Components and Features

03

Microsoft Dynamics NAV Server

TOPICS

- Microsoft Dynamics NAV Server
- Server Administration
- NAV Server Administration Tool
- Microsoft Dynamics NAV Best Practice Analyzer
- PowerShell API
- Wide Area Network Connections
- NAS Services
- Microsoft Dynamics NAV Help Server
- Database Backup and Restore
- Configuration SQL Server Authentication in Microsoft Dynamics NAV

04

Microsoft Dynamics NAV Client

TOPICS

- Install the Windows Client
- Install Web Services Components
- Install Web Client
- Install Phone Client
- Managing Companies
- In Office 365 Experience
- CRM Integration
- Email Logging
- Windows Client Available in 64-Bit Version
- Create and Restore Company Based Backup
- Enable Single sign-on with Office 365 in Microsoft Dynamics NAV 2018

05

The Development Environment

TOPICS

Installation · Managing Databases · Managing Licenses · Managing Objects · Database Schema Synchronization

06

Windows Client Personalization

TOPICS

Windows Client Design · Configuration · Customize the Navigation Pane · Customize Pages · Managing Users - Part 1 · Managing Users - Part 2

07

Deployment

TOPICS

- Deploying Microsoft Dynamics NAV Using ClickOnce
- Deploying and Managing Microsoft Dynamics NAV on Microsoft Azure VMs
- Deploying Microsoft Dynamics NAV on Azure SQL
- Migrating to Multitenancy
- Extensions

08

Microsoft Dynamics PowerShell

TOPICS

The PowerShell API · PowerShell Commands

09

Upgrading to Microsoft Dynamics NAV 2018

TOPICS

Converting a Database · Upgrading the Application Code · Upgrading the Data · Upgrading an Extension

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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