KOENIG SOLUTIONS · COURSE OUTLINE

# Installation and Configuration in Microsoft Dynamics NAV 2017

Learn to install, configure, deploy and upgrade Microsoft Dynamics NAV 2017 servers, clients and extensions.

**9**
MODULES

**52**
TOPICS

## COURSE OVERVIEW

This course covers the architecture of Microsoft Dynamics NAV 2017, including its multi-tier structure, client options and installation choices, along with the server and client component requirements. It then examines the Microsoft Dynamics NAV Server, covering server administration, the PowerShell API, NAS services, the Help Server and database backup and restore, followed by installing and configuring the Windows, web and phone clients, managing companies and integrating with Office 365 and CRM. It also addresses the development environment, personalising the Windows client, deploying Microsoft Dynamics NAV using ClickOnce and Microsoft Azure, using PowerShell commands, and upgrading a database, application code, data and extensions to Microsoft Dynamics NAV 2017.

## WHO THIS COURSE IS FOR

- **System Administrators**
- **IT Consultants**
- **Dynamics NAV Developers**
- **Implementation Specialists**
- **Support Engineers**

## LEARNING OBJECTIVES

- Describe the multi-tier architecture and client options
- Identify server and client installation requirements
- Configure and administer Microsoft Dynamics NAV Server
- Install Windows, web and phone clients
- Manage companies, CRM integration and email logging
- Apply personalization to the Windows client and manage users
- Plan deployment using ClickOnce and Microsoft Azure
- Explain the process of upgrading to Dynamics NAV 2017

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 2017

**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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