

# NWBC10

## NetWeaver Business Client

*SAP NetWeaver*

### **Course Outline**

Course Version: 96

Course Duration: 1 Day(s)

Publication Date: 2015

Publication Time:



## Copyright

Copyright © SAP SE. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

## Trademarks

- Microsoft®, WINDOWS®, NT®, EXCEL®, Word®, PowerPoint® and SQL Server® are registered trademarks of Microsoft Corporation.
- IBM®, DB2®, OS/2®, DB2/6000®, Parallel Sysplex®, MVS/ESA®, RS/6000®, AIX®, S/390®, AS/400®, OS/390®, and OS/400® are registered trademarks of IBM Corporation.
- ORACLE® is a registered trademark of ORACLE Corporation.
- INFORMIX®-OnLine for SAP and INFORMIX® Dynamic Server™ are registered trademarks of Informix Software Incorporated.
- UNIX®, X/Open®, OSF/1®, and Motif® are registered trademarks of the Open Group.
- Citrix®, the Citrix logo, ICA®, Program Neighborhood®, MetaFrame®, WinFrame®, VideoFrame®, MultiWin® and other Citrix product names referenced herein are trademarks of Citrix Systems, Inc.
- HTML, DHTML, XML, XHTML are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.
- JAVA® is a registered trademark of Sun Microsystems, Inc.
- JAVASCRIPT® is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.
- SAP, SAP Logo, R/2, RIVA, R/3, SAP ArchiveLink, SAP Business Workflow, WebFlow, SAP EarlyWatch, BAPI, SAPPHIRE, Management Cockpit, mySAP.com Logo and mySAP.com are trademarks or registered trademarks of SAP SE in Germany and in several other countries all over the world. All other products mentioned are trademarks or registered trademarks of their respective companies.

## Disclaimer

THESE MATERIALS ARE PROVIDED BY SAP ON AN "AS IS" BASIS, AND SAP EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR APPLIED, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THESE MATERIALS AND THE SERVICE, INFORMATION, TEXT, GRAPHICS, LINKS, OR ANY OTHER MATERIALS AND PRODUCTS CONTAINED HEREIN. IN NO EVENT SHALL SAP BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES OF ANY KIND WHATSOEVER, INCLUDING WITHOUT LIMITATION LOST REVENUES OR LOST PROFITS, WHICH MAY RESULT FROM THE USE OF THESE MATERIALS OR INCLUDED SOFTWARE COMPONENTS.

# Contents

<b>Course Overview</b> .....	<b>v</b>
Course Goals .....	v
Course Objectives .....	v
<b>Unit 1: Understanding the Technical Background</b> .....	<b>1</b>
NWBC - Overview .....	1
Technology Block Diagram .....	1
<b>Unit 2: Getting started with NWBC</b> .....	<b>2</b>
Starting NWBC and accessing your SAP Systems.....	2
Using NWBC Functionality .....	2
<b>Unit 3: Defining NWBC Navigation Elements</b> .....	<b>3</b>
Maintaining PFCG Roles.....	3
Adjusting the Navigation Structure .....	3
Setting up Object-Based Navigation (OBN) .....	3
<b>Unit 4: Configuring the NWBC</b> .....	<b>4</b>
Configuring Client.....	4
Configuring Server.....	4
<b>Unit 5: Accessing the NWBC externally</b> .....	<b>5</b>
Programming Aspects.....	5



# Course Overview

The focus of this course is the usage, configuration and administration of the SAP NetWeaver Business Client (NWBC).

## Target Audience

This course is intended for the following audiences:

- Users of the NWBC
- Administrators of the NWBC

## Course Prerequisites

Required Knowledge

- Basic knowledge of SAP systems
- Interest in technological issues

## Course Goals

This course will prepare the participant to:

- Use the complete functionality of the NWBC
- Personalize the NWBC
- Define role based NWBC navigation elements
- Configure user independent NWBC settings
- Access NWBC programmatically

## Course Objectives

After completing this course, the participant will be able to:

- Use all navigation features, quick launch, and search functions
- Configure system connections and search providers
- Personalize the NWBC design
- Activate the services necessary to run the NWBC
- Maintain roles in transaction PFCG and assign these roles to system users
- Adapt the role settings to define the desired navigation structure
- Implement object based navigation (OBJ) for applications displayed by the NWBC
- Generate external startup URLs for the NWBC



# Unit 1

## Understanding the Technical Background

### Unit Overview

This unit provides insight in the technical background of the NWBC.

### Lesson: NWBC - Overview

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the NWBC flavors
- Describe the dependencies between the NWBC, the back-end system, and other front-end software components.

### Lesson: Technology Block Diagram

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Understand how the NWBC communicates with your SAP system

# Unit 2

## Getting started with NWBC

### Unit Overview

This unit describes how the NWBC is used from an end user point of view. In this context, basic terms related to the NWBC are introduced.

### Lesson: Starting NWBC and accessing your SAP Systems

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Create NWBC connections used to log on to ABAP-based systems.
- Create NWBC connections used to log on to SAP NetWeaver Portals.

### Lesson: Using NWBC Functionality

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Use the functionality of the NWBC



# Unit 3

## Defining NWBC Navigation Elements

### Unit Overview

In this unit, the definition of NWBC navigation elements is discussed. In ABAP systems, NWBC navigation elements are based on roles that are defined by transaction PFCG and that are assigned to system users. Depending on the role settings, the navigation elements are rendered differently.

### Lesson: Maintaining PFCG Roles

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Define, copy, and change PFCG roles
- Assign PFCG roles to users

### Lesson: Adjusting the Navigation Structure

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Define default pages
- Define service maps
- Define link collections
- Configure a single top level navigation hierarchy
- Define additional menus and additional items in existing menus

### Lesson: Setting up Object-Based Navigation (OBN)

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the OBN mechanism
- Define a role menu item that couples applications via OBN

# Unit 4

## Configuring the NWBC

### Unit Overview

This unit covers configuration aspects of the NWBC. This includes the configuration of the client software and central settings on the connected SAP system.

### Lesson: Configuring Client

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Configure NWBC settings

### Lesson: Configuring Server

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Activate all ICF services that are necessary to run, test, and troubleshoot NWBC
- Define cockpits to tailor the roles displayed by the NWBC to a specific task
- Configure NWBC settings via database table NWBC\_CFG
- Display the overview pages ~TEST and ~LAUNCH

# Unit 5

## Accessing the NWBC externally

### Unit Overview

This unit explains how the NWBC can be started externally (example: by a link embedded in an e-mail). In addition, the possibility to read NWBC status information programmatically is sketched.

### Lesson: Programming Aspects

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Start NWBC from ABAP programs
- Create desktop icons to start NWBC
- Describe the APIs that may be used in applications to interact with NWBC