BW365
User Management and Authorizations

COURSE OUTLINE
Course Version: 10
Course Duration: 3 Day(s)
SAP Copyrights and Trademarks

© 2014 SAP AG. 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 AG. The information contained herein may be changed without prior notice.

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

- Microsoft, Windows, Excel, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation.

- IBM, DB2, DB2 Universal Database, System i, System i5, System p, System x, System z, System z10, System z9, z10, z9, iSeries, pSeries, xSeries, zSeries, eServer, z/VM, z/OS, i5/OS, S/390, OS/390, OS/400, AS/400, S/390 Parallel Enterprise Server, PowerVM, Power Architecture, POWER6+, POWER6, POWER5+, POWER5, POWER, OpenPower, PowerPC, BatchPipes, BladeCenter, System Storage, GPFS, HACMP, RETAIN, DB2 Connect, RACF, Redbooks, OS/2, Parallel Sysplex, MVS/ESA, AIX, Intelligent Miner, WebSphere, Netfinity, Tivoli and Informix are trademarks or registered trademarks of IBM Corporation.

- Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.

- Adobe, the Adobe logo, Acrobat, PostScript, and Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.

- Oracle is a registered trademark of Oracle Corporation

- UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.

- Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.

- HTML, XML, XHTML and W3C 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, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP BusinessObjects Explorer, StreamWork, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries.

- Business Objects and the Business Objects logo, BusinessObjects, Crystal Reports, Crystal Decisions, Web Intelligence, Xcelsius, and other Business Objects products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Business Objects Software Ltd. Business Objects is an SAP company.

- Sybase and Adaptive Server, iAnywhere, Sybase 365, SQL Anywhere, and other Sybase products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Sybase, Inc. Sybase is an SAP company.
All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

These materials are subject to change without notice. These materials are provided by SAP AG and its affiliated companies (“SAP Group”) for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.
American English is the standard used in this handbook. The following typographic conventions are also used.

| This information is displayed in the instructor’s presentation | ![Display Icon] |
| Demonstration | ![Downward Arrow] |
| Procedure | ![Downward Arrows] |
| Warning or Caution | ![Warning Icon] |
| Hint | ![Light Bulb Icon] |
| Related or Additional Information | ![Next Arrow] |
| Facilitated Discussion | ![Speech Bubble] |
| User interface control | Example text |
| Window title | Example text |
## Contents

### Course Overview

#### Unit 1: SAP Business Warehouse (BW)

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Identifying SAP BW Architecture and Administration Tools</td>
</tr>
<tr>
<td>1</td>
<td>Creating and Modifying SAP Business Explorer (BEx) Queries</td>
</tr>
</tbody>
</table>

#### Unit 2: Security Components

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Comparing Transactional and Analytical Security Needs</td>
</tr>
<tr>
<td>3</td>
<td>Differentiating Between Standard and Analysis Authorizations</td>
</tr>
<tr>
<td>3</td>
<td>Protecting Data with Analysis Authorizations</td>
</tr>
<tr>
<td>3</td>
<td>Identifying the Prerequisites for Analysis Authorizations</td>
</tr>
</tbody>
</table>

#### Unit 3: Standard Authorization Objects for Reporting Users

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Creating Standard Authorizations for Reporting Users</td>
</tr>
</tbody>
</table>

#### Unit 4: Special Authorization Objects for Reporting Users

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Creating Analysis Authorizations for InfoProvider Data</td>
</tr>
<tr>
<td>7</td>
<td>Enabling and Disabling the InfoArea Structure</td>
</tr>
<tr>
<td>7</td>
<td>Identifying the Differences Between the Handling of Workbooks and Queries in Roles</td>
</tr>
</tbody>
</table>

#### Unit 5: Analysis Authorizations

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Creating Analysis Authorizations for Data from a Specific InfoProvider</td>
</tr>
<tr>
<td>9</td>
<td>Creating Analysis Authorizations for Specific Characteristic Values</td>
</tr>
<tr>
<td>9</td>
<td>Creating Analysis Authorizations for Aggregated Values</td>
</tr>
<tr>
<td>9</td>
<td>Creating Analysis Authorizations for &quot;Not Assigned&quot; Values</td>
</tr>
<tr>
<td>9</td>
<td>Creating Analysis Authorizations for Display and Navigational Attributes</td>
</tr>
<tr>
<td>10</td>
<td>Creating Key Figure Authorizations</td>
</tr>
<tr>
<td>10</td>
<td>Creating Hierarchy Authorizations</td>
</tr>
<tr>
<td>10</td>
<td>Adding Variables to Authorizations</td>
</tr>
</tbody>
</table>

#### Unit 6: Maintenance of Authorizations

<table>
<thead>
<tr>
<th>Lesson</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Maintaining Authorizations</td>
</tr>
<tr>
<td>Unit 7: Data Access for Administrators and Users</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Lesson: Securing Data Access for Administrators</td>
<td></td>
</tr>
<tr>
<td>Lesson: Assigning Role-Based Authorizations using Templates</td>
<td></td>
</tr>
<tr>
<td>Lesson: Tracing Performance Issues</td>
<td></td>
</tr>
<tr>
<td>Lesson: Setting Up System Communication Security</td>
<td></td>
</tr>
</tbody>
</table>

| Unit 8: Migration of Reporting Authorizations to Analysis Authorizations |
|------------------------------------------------|------------------|
| Lesson: Migrating Reporting Authorizations to Analysis Authorizations |

<table>
<thead>
<tr>
<th>Unit 9: SAP Enterprise Portal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lesson: Managing SAP Enterprise Portal Access for SAP BW Users</td>
</tr>
<tr>
<td>Lesson: Publishing SAP BW Content in the SAP Enterprise Portal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit 10: SAP BusinessObjects Business Intelligence (BI) Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lesson: Integrating SAP BW Security into the SAP BusinessObjects BI Platform</td>
</tr>
<tr>
<td>Lesson: Managing SAP BusinessObjects BI Platform Access for SAP BW Users</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit 11: Additional Topics in SAP BW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lesson: Differentiating Between Planning Tools</td>
</tr>
<tr>
<td>Lesson: Identifying the Interaction Between Planning and Other SAP BW Activities</td>
</tr>
<tr>
<td>Lesson: Preventing and Troubleshooting Performance Issues</td>
</tr>
<tr>
<td>Lesson: Generating Structural Authorizations from SAP ERP Human Capital Management (HCM)</td>
</tr>
</tbody>
</table>
TARGET AUDIENCE
This course is intended for the following audiences:

- Application Consultant
- System Administrator
Lesson 1: Identifying SAP BW Architecture and Administration Tools

Lesson Objectives
After completing this lesson, you will be able to:

● Identify SAP BW architecture and administration tools

Lesson 2: Creating and Modifying SAP Business Explorer (BEx) Queries

Lesson Objectives
After completing this lesson, you will be able to:

● Create an SAP BEx query
● Modify an SAP BEx query
Lesson 1: Comparing Transactional and Analytical Security Needs

Lesson Objectives
After completing this lesson, you will be able to:

● Compare transactional and analytical security needs

Lesson 2: Differentiating Between Standard and Analysis Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

● Differentiate between standard and analysis authorizations

Lesson 3: Protecting Data with Analysis Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

● Protect data with analysis authorizations

Lesson 4: Identifying the Prerequisites for Analysis Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

● Identify the prerequisites for analysis authorizations
Lesson 1: Creating Standard Authorizations for Reporting Users

Lesson Objectives
After completing this lesson, you will be able to:

• Create standard authorizations for reporting users
Lesson 1: Creating Analysis Authorizations for InfoProvider Data
Lesson Objectives
After completing this lesson, you will be able to:
• Create analysis authorizations for InfoProvider data

Lesson 2: Enabling and Disabling the InfoArea Structure
Lesson Objectives
After completing this lesson, you will be able to:
• Enable and disable the InfoArea structure

Lesson 3: Identifying the Differences Between the Handling of Workbooks and Queries in Roles
Lesson Objectives
After completing this lesson, you will be able to:
• Identify the differences between the handling of workbooks and queries in roles
UNIT 5
Analysis Authorizations

Lesson 1: Creating Analysis Authorizations for Data from a Specific InfoProvider
Lesson Objectives
After completing this lesson, you will be able to:
• Create analysis authorizations for data from a specific InfoProvider

Lesson 2: Creating Analysis Authorizations for Specific Characteristic Values
Lesson Objectives
After completing this lesson, you will be able to:
• Create analysis authorizations for specific characteristic values

Lesson 3: Creating Analysis Authorizations for Aggregated Values
Lesson Objectives
After completing this lesson, you will be able to:
• Create analysis authorizations for aggregated values

Lesson 4: Creating Analysis Authorizations for "Not Assigned" Values
Lesson Objectives
After completing this lesson, you will be able to:
• Create analysis authorizations for "Not Assigned" values

Lesson 5: Creating Analysis Authorizations for Display and Navigational Attributes
Lesson Objectives
After completing this lesson, you will be able to:
• Create analysis authorizations for display and navigational attributes
Lesson 6: Creating Key Figure Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

- Create key figure authorizations

Lesson 7: Creating Hierarchy Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

- Create hierarchy authorizations

Lesson 8: Adding Variables to Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

- Add variables to authorizations
Lesson 1: Maintaining Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

- Maintain authorizations
Lesson 1: Securing Data Access for Administrators

Lesson Objectives
After completing this lesson, you will be able to:

- Secure data access for administrators
- Activate business content DataSources remotely
- Create a security role for data load administrators

Lesson 2: Assigning Role-Based Authorizations using Templates

Lesson Objectives
After completing this lesson, you will be able to:

- Assign role-based authorizations using templates

Lesson 3: Tracing Performance Issues

Lesson Objectives
After completing this lesson, you will be able to:

- Trace performance issues

Lesson 4: Setting Up System Communication Security

Lesson Objectives
After completing this lesson, you will be able to:

- Set up system communication security
Lesson 1: Migrating Reporting Authorizations to Analysis Authorizations

Lesson Objectives
After completing this lesson, you will be able to:

• Migrate reporting authorizations to analysis authorizations
Lesson 1: Managing SAP Enterprise Portal Access for SAP BW Users

Lesson Objectives
After completing this lesson, you will be able to:

- Manage SAP Enterprise portal access for SAP BW users

Lesson 2: Publishing SAP BW Content in the SAP Enterprise Portal

Lesson Objectives
After completing this lesson, you will be able to:

- Publish SAP BW content in the SAP Enterprise portal
Lesson 1: Integrating SAP BW Security into the SAP BusinessObjects BI Platform

Lesson Objectives
After completing this lesson, you will be able to:

• Integrate SAP BW security into the SAP BusinessObjects BI platform

Lesson 2: Managing SAP BusinessObjects BI Platform Access for SAP BW Users

Lesson Objectives
After completing this lesson, you will be able to:

• Manage SAP BusinessObjects BI platform access for SAP BW users
Lesson 1: Differentiating Between Planning Tools

Lesson Objectives
After completing this lesson, you will be able to:

- Differentiate between planning tools

Lesson 2: Identifying the Interaction Between Planning and Other SAP BW Activities

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the interaction between planning and other SAP BW activities

Lesson 3: Preventing and Troubleshooting Performance Issues

Lesson Objectives
After completing this lesson, you will be able to:

- Prevent and troubleshoot performance issues

Lesson 4: Generating Structural Authorizations from SAP ERP Human Capital Management (HCM)

Lesson Objectives
After completing this lesson, you will be able to:

- Generate structural authorizations from SAP ERP HCM