

# E2E220

## SAP Test Management Overview

### COURSE OUTLINE

Course Version: 20

Course Duration:



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# Typographic Conventions

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	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

# Contents

## vii Course Overview

### 1 Unit 1: The Big Picture - Test Management with SAP Solution Manager

1 Lesson: Introducing Test Management

1 Lesson: Implementing Test Process

### 3 Unit 2: Test Environment

3 Lesson: Mapping the System Landscape

3 Lesson: Creating a Solution Manager Process Structure

### 5 Unit 3: Test Management

5 Lesson: Setting Up the Test Management Scenario

5 Lesson: Creating Test Cases

5 Lesson: Managing the Test Plan

5 Lesson: Enhancing Test Planning

5 Lesson: Processing Test Cases and Reporting a Test Defect

6 Lesson: Managing Test Reporting

### 7 Unit 4: Business Process Change Analyzer and Scope and Effort Analyzer

7 Lesson: BPCA Overview

7 Lesson: BPCA Preparation Activities

7 Lesson: Performing a Change Impact Analysis

7 Lesson: Understanding the SEA principles and use cases

7 Lesson: Scope and Effort Analysis

### 9 Unit 5: Test Automation with SAP Solution Manager

9 Lesson: Understanding Automated and Manual Testing

9 Lesson: Understanding Components and Prerequisites

9 Lesson: Defining Automated Tests

9 Lesson: Understanding Test Automation with CBTA

9 Lesson: Scheduling unattended Tests

10 Lesson: Automated Test Reporting

10 Lesson: Explaining the accelerated maintenance of damaged Test Cases

### 11 Unit 6: Test Environment and the Test Data Migration Server

11 Lesson: Setting up the Test Environment

**13      Unit 7:      Test Management in Focused Build**

13	Lesson: Introducing Capabilities, Test Strategy, Test Types, Branches & Test Systems for Focused Build
13	Lesson: Unit Tests
13	Lesson: Single Functional Tests and Acceptance Tests
13	Lesson: Functional Integration Tests
13	Lesson: Regression Tests
13	Lesson: Test Management features of Focused Build

# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Change Manager
- Application Consultant
- Enterprise Architect
- Program/Project Manager
- System Architect
- Technology Consultant
- Trainer
- User





## Lesson 1: Introducing Test Management

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain Test Capabilities of SAP Solution Manager

## Lesson 2: Implementing Test Process

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Test Process supported by SAP Solution Manager



## Lesson 1: Mapping the System Landscape

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of logical components in the SAP Solution Manager

## Lesson 2: Creating a Solution Manager Process Structure

### Lesson Objectives

After completing this lesson, you will be able to:

- Identify the main elements of a Solution Manager Solution with regards to testing



## Lesson 1: Setting Up the Test Management Scenario

### Lesson Objectives

After completing this lesson, you will be able to:

- Configure the central settings of the SAP Solution Manager Test Suite
- Set up the reporting of SAP Solution Manager

## Lesson 2: Creating Test Cases

### Lesson Objectives

After completing this lesson, you will be able to:

- Create test cases and assign them as business process content to your SAP Solution Manager process documentation

## Lesson 3: Managing the Test Plan

### Lesson Objectives

After completing this lesson, you will be able to:

- Create a test plan (test scope) based on the test cases in the configuration
- Understand how test packages can be tailored and the assignment of tester works
- Know how to assign a release status schemas to a test plan

## Lesson 4: Enhancing Test Planning

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to ease test scope definition for high volumes of business processes
- Understand the process of test effort calculation and reporting

## Lesson 5: Processing Test Cases and Reporting a Test Defect

### Lesson Objectives

After completing this lesson, you will be able to:

- Process test cases from a test package
- Set the status of a test case
- Add a note to a test case
- Report a test defect

## **Lesson 6: Managing Test Reporting**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Analyze testing-related gaps in process documentation, test plans, and test packages
- Display the current status of one or more test plans in the test suite
- Use BI reporting functionality for test reporting purposes

## Lesson 1: BPCA Overview

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the BPCA technical prerequisites, possible use cases, and best practices

## Lesson 2: BPCA Preparation Activities

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the setup procedure for BPCA and the automated creation of TBOMs

## Lesson 3: Performing a Change Impact Analysis

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the use cases for the Change Impact Analysis using BPCA
- Run a Change Impact Analysis
- Evaluate a Change Impact Analysis
- Create a new test plan based on the Change Impact Analysis

## Lesson 4: Understanding the SEA principles and use cases

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the SEA principles and use cases

## Lesson 5: Scope and Effort Analysis

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the use case for the SEA

- Run an SEA Use analysis
- Evaluate SEA results



## Lesson 1: Understanding Automated and Manual Testing

### Lesson Objectives

After completing this lesson, you will be able to:

- Recognize the advantages and drawbacks of manual and automated testing

## Lesson 2: Understanding Components and Prerequisites

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the test automation capabilities and components of CBTA as well as the technical prerequisites and the setup procedure for CBTA

## Lesson 3: Defining Automated Tests

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up a System Data Container
- Understand parameterization for automated scripts
- Handle test data containers

## Lesson 4: Understanding Test Automation with CBTA

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain the construction and functionality of CBTA test configurations

## Lesson 5: Scheduling unattended Tests

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain the principle of scheduling unattended tests

## **Lesson 6: Automated Test Reporting**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Analyze test results in CBTA logs
- Explain how test results can be accessed

## **Lesson 7: Explaining the accelerated maintenance of damaged Test Cases**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain the workflow for the repair of damaged test cases
- Explain the benefits for test case developers to identify reasons for a damaged test case

## Lesson 1: Setting up the Test Environment

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to use the Test Data Migration Server to set up a test environment using a subset of your productive data



## Lesson 1: Introducing Capabilities, Test Strategy, Test Types, Branches & Test Systems for Focused Build

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the Test Strategy, Test Types and Approach of Test Management for Focused Build

## Lesson 2: Unit Tests

### Lesson Objectives

After completing this lesson, you will be able to:

- Know and understand how Focused Build supports Unit Tests

## Lesson 3: Single Functional Tests and Acceptance Tests

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the three variants of the Single Functional Test and Acceptance Test supported by Focused Build

## Lesson 4: Functional Integration Tests

### Lesson Objectives

After completing this lesson, you will be able to:

- Know and understand the Approach of Functional Integration Tests within Focused Build

## Lesson 5: Regression Tests

### Lesson Objectives

After completing this lesson, you will be able to:

- Know and understand the process of Regression Testing in Focused Build

## Lesson 6: Test Management features of Focused Build

## Lesson Objectives

After completing this lesson, you will be able to:

- Functionalities of Focused Build for Test Management