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# Xray training for Jira

2 days (14 hours)

## Presentation

Master test management with the popular Xray tool as an add-on to Jira. Our Xray for Jira training course will enable you to create and manage multiple test sets.

You'll be immersed in the world of Xray, discovering the test lifecycle, including test planning, design, execution and reporting.

The aim is to help you improve the quality of your systems through a number of effective and efficient tests.

You'll be able to master Xray's various basic and advanced features, and integrate this new tool into your ecosystem to exploit its potential with advanced customizations.

As with all our training courses, this course will be based on the latest version of Xray, Xray 7.

## Objectives

- Managing test cases
- Generate test reports
- Automate test execution
- Set up and create test data

## Target audience

- Test Manager
- QA Engineer

- IT Architect
- Project managers

# Prerequisites

- Experience in test processes
- Basic knowledge of Jira

# XRAY TRAINING PROGRAM FOR JIRA

## INTRODUCTION TO XRAY FOR JIRA

- Presentation of the Xray tool and its integration into Jira
- Exploring Xray's key features for test management
- Benefits
- Discovering the UI and navigation
- Understanding specific terminology

## INSTALLATION AND CONFIGURATION

- Procedures for installing Xray on a Jira Cloud instance
- Initial configuration
- License and user management
- Customize parameters to suit corporate test processes
- Security and access management

## TYPES OF REQUEST

- Differences between different types of request and their role in the test process
- Design and management of test cases, test plans, and test sets
- Use of test requests
- Integration of Xray requests with existing Jira workflows
- Practical tips for organizing test requests

## TEST CONSTRUCTION IN XRAY

- Reuse and call up existing test cases to optimize test maintenance
- Define preconditions and their impact on test execution
- Managing test data and test parameters
- Best practices for test case documentation

## TEST EXECUTION IN XRAY

- Creating test runs in Xray
- Use parameters to adapt test cases to different contexts
- Run parameterized tests
- Track the progress of test executions in test cycles
- Resolution of common problems during test execution

## TEST MANAGEMENT IN XRAY

- Managing and organizing test cases within a test repository
- Test planning and monitoring using test plans
- Using test sets to group and execute similar test cases
- Strategies for maximizing test case reuse

## XRAY OPTIMIZATION

- Identifying gaps
- Fault mapping and linkage to corresponding test cases
- Test environment management
- Customize Xray with personalized fields
- Native Jira workflows
- Easing the transition to Xray

# Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

# Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

# Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

# Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

# Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.