

# "Managing Jira Projects for Data Center Exam Prep"

## Course Introduction:

This course is designed to prepare candidates for the "Managing Jira Projects for Data Center" exam. It covers essential concepts, skills, and best practices for effectively managing Jira projects within a Data Center environment. The course focuses on enhancing practical knowledge and technical acumen necessary for both beginners and seasoned Jira administrators. By the end of this program, participants will be well-equipped to tackle the exam and apply their expertise in real-world scenarios.

## Module 1: Understanding Jira Data Center

- Overview of Data Center Architecture

Gain an understanding of Jira Data Center's architecture, its components, and how it differs from Jira Server and Cloud.

- Benefits of Using Jira Data Center

### **Explore the key advantages such as scalability, high availability, and performance improvements.**

- Initial Setup and Configuration

Learn the prerequisites and steps required to set up a Jira Data Center instance including cluster setup.

## Module 2: Project and Issue Management

- Creating and Configuring Projects

Delve into the creation and configuration of projects, focusing on project schemes and default settings.

- Understanding Issue Types and Workflows

## **Examine the customization of issue types and workflows to meet specific project needs.**

- Advanced Workflow Configuration

Explore advanced features such as conditions, validators, and post-functions to enhance workflows.

## **Module 3: User and Group Management**

- Managing Users and Groups

Learn how to effectively manage users and groups, including best practices for permissions and roles assignment.

- Configuring Global Permissions

Understand the importance of global permissions and how to configure them to ensure security and compliance.

- Integration with External User Directories

Explore options for integrating with LDAP and other external user directories to streamline user management.

## **Module 4: Customization and Configuration**

- Custom Fields and Screens

Discover how to create and manage custom fields and screens to tailor Jira to specific project requirements.

- Configuring Notifications and Permissions

Learn how to configure notification schemes and permission schemes to enhance communication and control.

- Managing Project Templates

## **Understand the use and creation of project templates to standardize project setups across teams.**

## **Module 5: Performance and Scalability**

- Monitoring and Optimizing Performance

Gain insights into tools and techniques for monitoring Jira performance and implementing optimizations.

- Load Balancing and Clustering

**Explore strategies for load balancing and clustering to ensure high availability and performance.**

- Capacity Planning and Scaling

**Learn to plan and scale Jira Data Center environments to accommodate growing organizational needs.**

## **Module 6: Security and Compliance**

- Implementing Security Best Practices

Discover strategies for implementing security best practices to protect Jira Data Center environments.

- Auditing and Compliance

Understand how to configure and utilize auditing features to meet compliance and governance requirements.

- Disaster Recovery and Backup Strategies

Learn to design and implement disaster recovery plans and backup strategies to safeguard data integrity.

## **Module 7: Automation and Integration**

- Automation with Jira Automation

**Explore the use of Jira Automation to streamline repetitive tasks and improve efficiency.**

- Integrating with Other Atlassian Products

Learn the benefits and methods of integrating Jira with other Atlassian products like Confluence and Bitbucket.

- Extending Functionality with Apps and Plugins

Understand the process of extending Jira capabilities through apps and plugins from the Atlassian Marketplace.

## **Module 8: Preparing for the Exam**

- Exam Structure and Question Types

**Get familiar with the exam structure, types of questions, and time management strategies.**

- Study Tips and Resources

**Explore recommended study materials, practice exams, and tips for effective preparation.**

- Practice Scenarios and Mock Exams

**Engage in practice scenarios and mock exams to solidify knowledge and build confidence.**

### **Conclusion**

Wrap up the course with a review of key concepts covered, clarify any remaining questions, and provide guidance on next steps for exam registration and continuing education opportunities.