

" Atlassian Certified: Jira Administration for Data Center and Server Exam Prep"

Course Introduction

This course is designed to prepare candidates for the Atlassian Certified: Jira Administration for Data Center and Server exam. The curriculum covers essential skills and knowledge required to effectively administer Jira in complex environments. Participants will gain in-depth insights into Jira's architecture, configuration, and management, enhancing their capabilities to support large-scale Jira deployments. The course is structured into modules, each focusing on specific areas of Jira administration, and aims to equip learners with the expertise needed to ensure optimal performance and reliability of Jira systems.

Module 1: Introduction to Jira Data Center and Server

- Overview of Jira Platforms

Understand the differences between Jira Data Center and Server, including architectural and deployment distinctions.

- Key Features and Capabilities

Explore the unique features and capabilities of Jira Data Center and Server that cater to enterprise needs.

Module 2: Jira Architecture and Deployment

- Understanding Jira Architecture

Examine the core components and architecture of Jira, focusing on scalability and performance considerations.

- Deployment Strategies

Learn about various deployment strategies for Jira Data Center and Server, including clustering and load balancing.

Module 3: User and Group Management

- Managing Users and Groups

Master the techniques for efficiently managing users and groups, ensuring secure and organized access control.

- Configuring Global Permissions

Delve into setting up and managing global permissions to enhance system security and user accountability.

Module 4: Project Configuration

- Creating and Managing Projects

Acquire skills to create and configure projects tailored to organizational needs and workflows.

- Managing Project Roles and Permissions

Learn the best practices for assigning and managing roles and permissions within projects.

Module 5: Issue Types and Workflows

- Customizing Issue Types

Explore the customization of issue types to better align with business processes and reporting needs.

- Designing and Implementing Workflows

Gain insights into designing efficient workflows that streamline project progress and issue resolution.

Module 6: Advanced Field Configuration

- Custom Fields and Screens

Understand how to create and configure custom fields and screens to capture relevant data effectively.

- Field Configuration Schemes

Learn how to implement field configuration schemes to manage field behavior across projects.

Module 7: Advanced Jira Administration

- Managing Schemes and Configurations

Explore the creation and management of schemes to standardize configurations across Jira instances.

- Performance Tuning and Optimization

Discover methods to optimize Jira performance, ensuring fast and reliable system operation.

Module 8: Security and Permissions

- Security Levels and Permission Schemes

Delve into configuring security levels and permission schemes to safeguard sensitive information.

- Auditing and Monitoring

Learn how to set up auditing and monitoring processes to track system changes and ensure compliance.

Module 9: Integrations and Automation

- Integrating Jira with Other Tools

Understand how to integrate Jira with other Atlassian and third-party tools to enhance collaboration.

- Automation and Custom Scripting

Explore automation options and custom scripting to streamline repetitive tasks and improve efficiency.

Module 10: Preparing for the Exam

- Exam Overview and Format

Get familiar with the exam structure, types of questions, and scoring methodology.

- Study Tips and Resources

Acquire strategies and resources to effectively prepare for the certification exam.

Conclusion

The course concludes with a comprehensive review of key concepts and exam preparation strategies. Participants will leave with a robust understanding of Jira administration for Data Center and Server, equipped to tackle real-world challenges and excel in the certification exam.

