ONE PAGE SUMMARY

IT & Software › Salesforce › Salesforce DevOps

Introduction to Salesforce DevOps

Streamline Salesforce Development with DevOps Practices

DEFINITION

> Salesforce DevOps is the practice of integrating development and operations to improve software delivery. It focuses on automation, collaboration, and continuous improvement in the Salesforce environment.

KEY CONCEPTS

Continuous Integration

A practice where code changes are automatically tested and merged into a shared repository.

Continuous Delivery

The ability to deploy code changes to production quickly and safely, ensuring software is always in a releasable state.

Version Control

A system that records changes to files over time, allowing for easy collaboration and rollback.

Automation Tools

Software tools that automate repetitive tasks in the development process, such as testing and deployment.

Collaboration

Encouraging teamwork between developers, operations, and other stakeholders to improve project outcomes.

EXAMPLES

→ Using Git for version control in Salesforce projects.

→ Automating deployment with Salesforce CLI and CI/CD pipelines.

→ Implementing automated testing to catch bugs early.

MEMORY TIPS

★ Remember 'CI/CD' as 'Continuous Improvement/Continuous Delivery' for quick recall.

★ Think of 'Version Control' as a 'time machine' for your code.

★ Use the acronym 'A.C.C.' for Automation, Collaboration, and Continuous practices.

COMMON MISTAKES

✗ Neglecting to automate testing, leading to undetected bugs.

✗ Failing to use version control, resulting in lost code changes.

✗ Overcomplicating deployment processes instead of simplifying them.

QUICK RECAP

Salesforce DevOps enhances software delivery through automation and collaboration. Key practices include continuous integration, version control, and using automation tools to streamline processes.