Is Jenkins a Solution for Salesforce DevOps?

Salesforce is a great solution and incredibly flexible. But because it is mostly based on package.xml and contains many components, packages, custom objects, it's not easy for Salesforce developers and admins to manage the DevOps process.

Jenkins is also a great tool but has serious limitations solving Salesforce DevOps challenges. Jenkins may be better than no tool, but if you want to accelerate your releases and build in security and quality, Jenkins is a compromise to a proper Salesforce DevOps platform.

The differences in the table below are obvious and every leader of Salesforce DevOps should consider the benefits of a true Salesforce DevOps platform to maximize your ROI of Salesforce.

Why Choose Opsera for Salesforce DevOps?

Opsera provides a seamless integration to automate CI/CD and collaboration tools, as well as security and quality tool integrations, making release automation easy for Salesforce Developers, Administrators and Engineers. With Opsera you can:

- **Drive business agility** through quick release cycles
- **Reduce turnaround times** with accelerated deployments
- **Improve security and quality** with fewer bugs and issues, thanks to continuous testing
- **Deliver better customer experiences** with higher quality releases
- **Achieve reliable and continuous delivery** with DevOps automation

With Opsera

80%+
Release
Velocity

50%+
Developer
Productivity

60%+
Security and
Compliance

"

"Opsera delivers easy release automation across enterprise applications such as Salesforce that improves deployment times by 50-75%. Comprehensive visibility from the platform helped us decommission legacy release management tools."

Dayakar Duvvuru Senior Director Enterprise Applications

Salesforce DevOps Comparison

	Jenkins	Opsera
Create CI/CD Pipelines	✓	✓
No code -intuitive, easy-to-use	CLI coding required	✓
Git merge conflict resolution		✓
Incremental Merge		✓
Simplified Profile migration		✓
Check-ins for profile and permission sets		✓
1-click rollbacks enabled by automatic metadata backup		✓
Deployment with dependencies		✓
Insights across your entire ecosystem		✓
Security and quality gates with approvals		✓
Unit testing		✓
Native integration to static code analysis tools (SonarQube, Selenium, Code Analyser)		✓
Native integration to security tools (SonarQube, Codescan, PMDscan, etc)		✓
Native integration to testing tools with thresholds, gates and approvals (Selenium, Provar, etc.)		✓
Migration of multiple changes in one deployment		✓
Compliance and audits streamlined by providing RBAC controls to internal auditors		✓

EASILY compare branches of code before merging

Delta Diff Viewer

Existing Code on Desination Branch

Incoming Changes form Source Branch

Gain visibility over all your salesforce components

Salesforce Components

▼ TOTAL COMPONENTS DEPLOYED	▼ AVERAGE COMPONENTS DEPLOYED	▲ TOTAL PIPELINE EXECUTIONS
5541	76.96	41005
Previous Result: 8808	Previous Result: 200.18	Previous Result: 23189

▲ TOTAL DEPLOYMENTS	▲ TOTAL VALIDATIONS	— TOTAL PIPELINE EXECUTIONS
65	147	0
Previous Result: 34	Previous Result: 80	Previous Result:0

Integrate, automate and monitor code quality

Provar DND Text Automation

Summary | Workflow

Start of Workflow

Create Package XML

Data Transform

Salesforce Code Analyser

Validation Package Xml

Unit Test (Test Class Execution)

Backup

Repository
opsera-repo/salesforce-dev/Provar-Test

Branch
OPL-3471-Provar

Ant Target
runtests

Ant Build XML Path
/ANT

⬤ Environmental Variables

Environment Variable Mapping

Parameter | Key

Opsera simplifies and speeds up software delivery by automating any CI/CD toolchain with zero coding, quickly building declarative pipelines that focus on business objectives, and unified insights by role across the enterprise. You now have the flexibility to integrate any tool, cloud or analytics quickly and easily into a single point of access and truth for DevOps. Learn more at www.opsera.io

Try Opsera Salesforce Devops Platform for 14 days. Free.

No credit card required

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