

Enhancing Salesforce with DevSecOps: **Speed, Security, and Resilience**

Accelerate deployments, enhance code quality,
and ensure security across your Salesforce
ecosystem with Copado or Flosum

brillio



Why DevSecOps is Essential for Salesforce?

In today's fast-paced business environment, Salesforce DevOps teams face unique challenges impacting productivity, quality, and overall system reliability. The complexity of managing continuous updates and integrations, along with the need to maintain a seamless and resilient production environment, requires a robust DevOps approach. However, many organizations struggle with slow-release cycles, poor collaboration, and high risks due to manual processes.

At Brillio, we understand these pain points and specialize in helping clients overcome them with tailored Salesforce DevOps solutions. Here's how we address the most common challenges:

Slow-Release Cycles: Accelerating delivery times, enabling shorter, more efficient release cycles without compromising quality or security.

Resiliency: Significantly reducing the occurrence of errors during testing and production cycles, fostering resilience by proactively identifying and addressing potential issues before they escalate.

Collaboration: Facilitating seamless collaboration through integrated workflows, ensuring alignment across teams and enabling faster, more efficient problem resolution.

Risk Mitigation: Leveraging advanced automation and streamlined processes, Brillio minimizes the potential for mistakes and provides consistent, error-free deployments.

Maintainability: Incorporating disaster recovery protocols and rollback strategies, ensuring that systems can be quickly restored in the event of failure.

Back Promotion: Ensuring that sandboxes are consistently up to date with the latest code changes, reducing configuration drift and making development more predictable.

Proven 4-Step Approach to Accelerating Enterprise DevSecOps Success

We follow a proven, structured 4-step approach to help enterprises transform their Salesforce DevOps processes and drive seamless, secure, and scalable deployment pipelines. By addressing the unique challenges of each phase — from assessment through scaling — we ensure continuous improvement, faster time to market, and enhanced collaboration across teams.



Assess: Analyze and Define Your DevOps Maturity

Assessment of your Salesforce DevOps processes, identify inefficiencies, and create a customized roadmap for CI/CD, Testing, and Monitoring, with success metrics to align with business goals.

Design: Build a Tailored DevOps Strategy

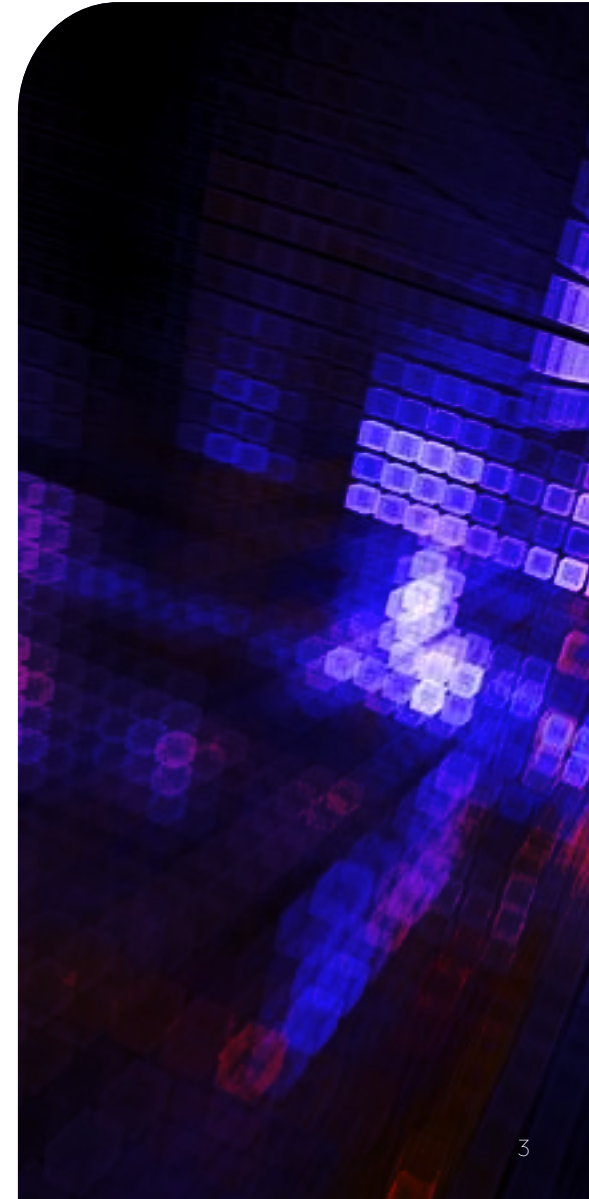
Designing an optimized DevOps architecture with branching strategies, incorporating Salesforce DX for code management, and select tools for CI/CD, security, and monitoring to ensure streamlined deployment and smooth adoption through pilot programs.

Engineer: Implement and Integrate Best-in-Class DevOps Solutions

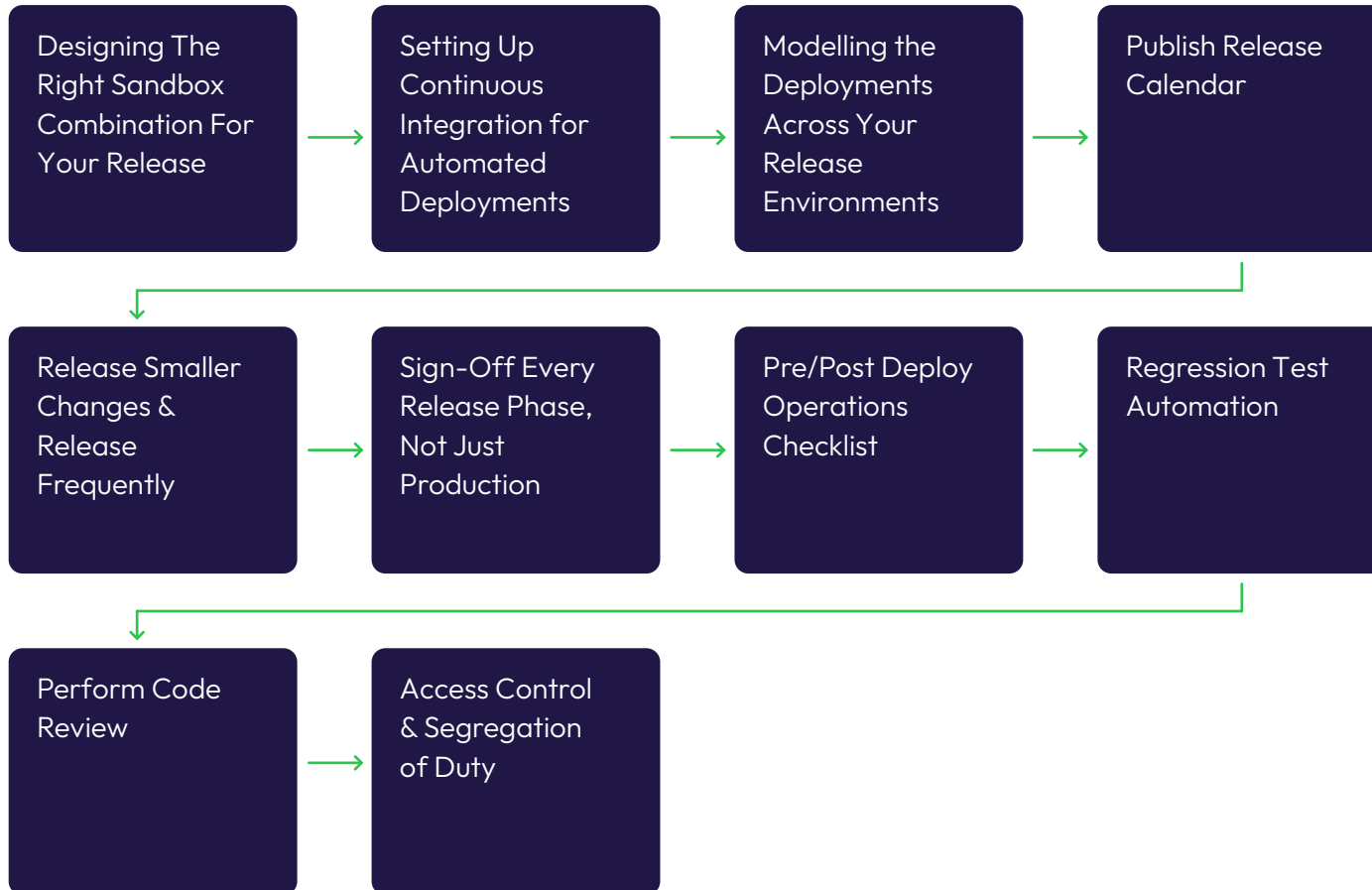
Implementing enterprise-grade DevOps with CI, CD, CT, and Monitoring in Salesforce, integrating security scans. We use tools like Copado or Flosum, or create MVPs and pilot projects for a robust DevSecOps foundation.

Scale: Drive Enterprise-Wide Adoption and Continuous Improvement

Scaling Salesforce DevOps across your organization by promoting process changes, a culture of continuous improvement, and the Build-Measure-Learn loop. KPI-based tracking and real-time feedback ensure efficient, secure practices aligned with business needs.



Effective Strategy for Optimizing the Release Engineering Process



Best Practices for a Robust and Reliable DevOps Release Cycle

- No direct changes in production; sandboxes are refreshed promptly after each release.
- Avoid ChangeSets; conduct full regression testing before pushing to UAT.
- Developers perform unit testing in the CI environment and aim for 85% Apex code coverage.
- Use Quick deploy for faster issue detection; maintain a documented release roadmap managed by the PGM & BSA.
- Follow a strict release schedule across all applications within the Org, without delays.
- Run regression tests on pre-release sandboxes before Salesforce production upgrades.
- Business users handle UAT, testing the system as they would in daily use.
- A Release Manager oversees the release process, ensuring comprehensive communication and training plan execution.

Faster Deployments, Elevated Code Quality, and Reduced Errors with Brillio's DevOps Expertise

Brillio's DevSecOps and release management practices have delivered significant improvements in Salesforce deployments. By streamlining automation and continuous integration, we've reduced time to deploy and ensured 100% syncing of all elements across environments. Our gated check-in processes enhance code quality, minimize conflicts, and reduce manual errors, leading to smoother releases. With automated security scans integrated into the CI/CD pipeline, we also improve security while accelerating time to market. The result is faster, more reliable deployments with fewer issues and better overall system stability.

| Why Brillio?



120+ DevOps Consultants

DevOps CoE has 120+ dedicated
Certified consultants



Experienced A Team

Team experienced with all things
Salesforce & experience with multiple
DevSecOps Implementations



Continuous Innovation

Continuous training for cross & up skilling on DevSecOps along with
Oversight from Architect Board for Large & Complex Implementations



ABOUT BRILLIO

Brillio is one of the fastest growing digital technology service providers and the partner of choice for many Fortune 1000 companies seeking to turn disruption into a competitive advantage through innovative digital adoption. We help clients harness the transformative potential of the four superpowers of technology: cloud computing, Internet of Things (IoT), artificial intelligence (AI) and mobility. Born digital in 2014, we apply our expertise in customer experience solutions, data analytics and AI, digital infrastructure and security, and platform and product engineering to help clients quickly innovate for growth, create digital products, build service platforms, and drive smarter, data-driven performance. With 17 locations across the U.S., the UK, Romania, Canada, Mexico, and India, our growing global workforce of nearly 6,000 Brillians blends the latest technology and design thinking with digital fluency to solve complex business problems and drive competitive differentiation for our clients. Brillio has been certified by Great Place to Work since 2021.



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