



Copado DevSecOps Services for Salesforce – Streamline your Salesforce Development Process

Overview

Copado offers a suite of transformative benefits for Salesforce development teams, ushering in a new era of efficient and secure application development. Its end-to-end DevOps platform empowers organizations to seamlessly orchestrate their entire development lifecycle, from planning and coding to testing and deployment. This results in accelerated release cycles, reduced manual errors, and a smoother



COPADO

The solution enhances collaboration among cross-functional teams by providing a unified platform for developers, operations, and business stakeholders to work together harmoniously. This collaborative environment fosters greater transparency, mitigates miscommunication, and ensures that everyone is on the same page throughout the development journey.

It prioritizes security and compliance via automated security testing, role-based access controls, and adherence to industry standards. This not only minimizes security risks but also paves the way for confident and compliant application releases, reinforcing customer trust and data integrity.

How Infinite can Help

Using Infinite to set up Copado can provide significant value and benefits for your organization, especially if you want to ensure a smooth and effective integration of Copado into your Salesforce development process. Here are some key reasons why partnering with Infinite can be valuable:

Expertise and Experience: Infinite has an in-depth knowledge of Copado and best practices for setting up and configuring the platform. We have worked on similar projects before, giving them insights into potential challenges and solutions.

Faster Time-to-Value: Infinite can expedite the setup process, helping you get the most out of Copado sooner, navigating the complexities and potential pitfalls, leading to quicker results.

Customization and Tailoring: Infinite can tailor the Copado setup to your organization's specific needs and requirements. We can help you configure workflows, pipelines, and security measures that align with your existing processes.

Best Practices: Infinite is well-versed in industry best practices for DevOps, DevSecOps, and Salesforce development. We guide you in incorporating these practices into your Copado setup.

Avoiding Mistakes: Setting up a complex platform like Copado involves making numerous decisions. We can help avoid common mistakes to ensure that your setup is optimized for success.

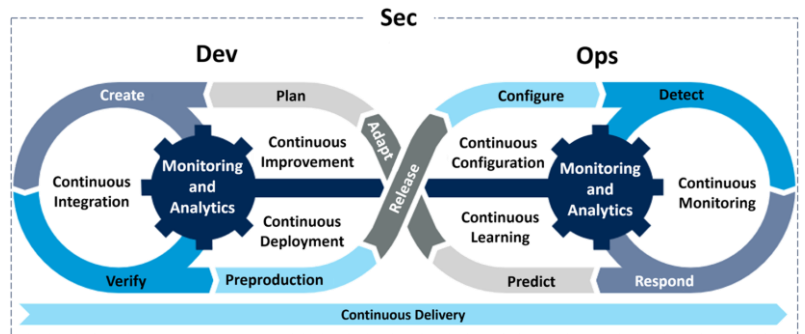
Change Management: Change management is crucial for successful tool adoption. Infinite can assist in managing the transition, including training your teams, facilitating communication, and addressing concerns.

Continuous Support: Even after the initial setup, Infinite can provide ongoing support, troubleshooting, and guidance as you encounter new challenges or scale your usage of Copado.

Risk Mitigation: Infinite can help you identify and mitigate potential risks associated with the setup process. This includes addressing security vulnerabilities and ensuring compliance.

Infinite Copado DevOps Services for Salesforce

Copado DevOps is a platform designed to enhance and streamline the software development lifecycle within Salesforce environments. It focuses on optimizing the development, testing, deployment, and release management processes for Salesforce applications.



Copado DevOps automates and orchestrates these processes, enabling teams to work collaboratively, accelerate releases, and maintain the quality of their Salesforce applications. While Copado DevOps includes mechanisms for integrating security practices, its primary emphasis is on improving the overall development and release efficiency within Salesforce ecosystems.

Implementing Copado effectively involves several steps to ensure a smooth integration of the platform into your Salesforce development process. Here's an outline of the key steps needed to implement Copado:

Assessment and Planning

- Evaluate your current development process and identify pain points.
- Define clear goals and objectives for implementing Copado.
- Identify key stakeholders and teams that will be involved in the implementation.

Team Training

- Training for your development, operations, and security teams on how to use Copado effectively.
- Ensure all team members understand the benefits of DevOps and the Copado platform.

Implementing Copado Effectively

Key steps needed to implement Copado to ensure a smooth integration into your Salesforce development process:

Environment Setup

- Configure your Salesforce environments within Copado, including sandboxes, development, testing, and production environments.
- Integrate Copado with version control systems like Git

Configure CI/CD Pipelines

- Set up Continuous Integration (CI) and Continuous Delivery (CD) pipelines within Copado.
- Define the automated steps for building, testing, and deploying your Salesforce applications.

Automation and Orchestration

- Automate repetitive tasks, such as code validation, unit testing, and deployment.
- Configure workflows and approvals to ensure proper governance throughout the release process.

Dynamic Application Security Testing (DAST)

- Integrate DAST tools to perform security testing against your running Salesforce applications.
- Identify vulnerabilities in the application's runtime environment.

Infrastructure Security

- Implement Infrastructure as Code (IaC) security practices if you use cloud-based services.
- Harden infrastructure configurations, including security groups, firewall rules, and access controls.

Change Management and Communication

- Establish a change management process to communicate updates and changes to relevant teams.
- Ensure that everyone is informed about upcoming releases and changes to the application.

Iterative Improvements

- Continuously review and refine your implementation.
- Gather feedback from teams and stakeholders to improve processes over time.

Security and Compliance

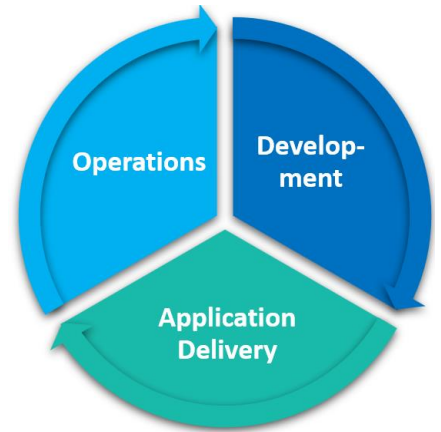
- Apply security best practices to your Copado environment.
- Ensure compliance with industry standards and regulations.

Deployment and Adoption

- Gradually roll out Copado to different teams or projects.
- Monitor the adoption and gather feedback for further improvements.

Training and Support

- Provide ongoing training and support for your teams as they work with Copado.
- Address any challenges or questions that arise during implementation.



Infinite Copado DevSecOps Services for Salesforce

Copado DevSecOps takes the foundation of Copado DevOps and extends it by incorporating security as an integral component of the development lifecycle. It integrates security practices from the very beginning of the development process, ensuring that security is not an afterthought but a proactive consideration throughout the application's journey.

Copado DevSecOps automates security testing, vulnerability assessments, and security checks at every stage of development and deployment. This approach helps identify and mitigate security vulnerabilities early, minimizing the risk of security breaches and ensuring the highest level of security.

Implementing security practices with Copado involves integrating security measures into your Salesforce development process

Steps to effectively implement Copado security:

Assessment and Requirements Gathering

- Identify your security requirements and compliance standards.
- Understand potential security risks and vulnerabilities

Security Training

- Ensure your development, operations, and security teams are familiar with security best practices.
- Training on integrating security measures within the Copado platform.

Secure Development Guidelines

- Educate developers on common security vulnerabilities and how to mitigate them.
- Define and communicate secure coding practices specific to Salesforce development.

Automated Security Scanning

- Configure automated security scanning tools within your Copado CI/CD pipeline.
- Implement static application security testing (SAST) to analyze your code for vulnerabilities.

Security Integration

- Integrate security tools and processes into your Copado pipelines.
- Implement automated security scans and tests as part of your CI/CD pipeline.

Monitoring and Reporting

- Set up monitoring and reporting dashboards to track the progress of your releases.
- Monitor the health of your deployments and gather data on performance.

Regular Security Assessments

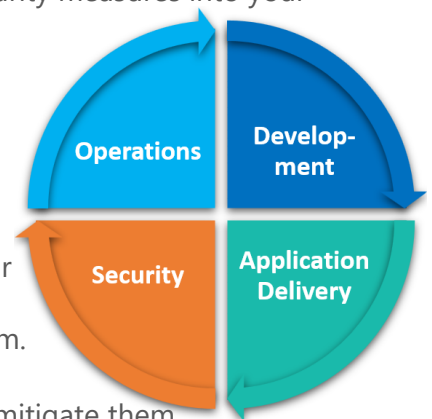
- Schedule periodic security assessments to identify new vulnerabilities.
- Conduct thorough reviews of your codebase and application architecture.

Continuous Monitoring

- Set up continuous monitoring tools to detect and respond to security incidents.
- Monitor the security posture of your Salesforce applications in real time.

Incident Response Plan

- Develop an incident response plan specific to security breaches in your Salesforce environment.
- Define roles, responsibilities, and actions to take during a security incident.
- Continuously assess and update your security measures based on emerging threats / vulnerabilities.



Secure Deployment Pipelines

- Implement security gates in your Copado pipelines to enforce security checks before deployment.
- Ensure that only secure code is promoted to production environments.

Access Controls and Data Security

- Implement role-based access controls (RBAC) to restrict access to sensitive data and functions.
- Ensure data encryption and protection mechanisms are in place.

Compliance and Auditing

- Align with Salesforce security guidelines and industry compliance standards.
- Perform regular audits to verify compliance with security requirements.

Security Awareness Training

- Conduct ongoing security awareness training sessions for all team members.
- Promote a culture of security consciousness and shared responsibility.

Documentation and Communication

- Document security processes, guidelines, and incident response procedures.
- Communicate security policies and updates clearly to all stakeholders.

Continuous Improvement

- Continuously review and update your security measures based on emerging threats and vulnerabilities.
- Regularly assess the effectiveness of your security practices.

Implementation Services & Managed Services

Infinite's managed services ensure smooth, efficient, and streamlined Copado deployments.

With a deep understanding of the intricacies of Copado's functionalities and tools, Infinite's team of experts provides businesses with tailored solutions, monitoring, and management.

This commitment to excellence ensures that organizations can optimize their Salesforce DevOps processes, reducing errors, enhancing release velocity, and ensuring seamless digital experiences for their users.

For More Information

To learn more about Infinite's Copado DevSecOps Services for Salesforce, please contact us via salesforce-practice@infinite.com or visit www.infinite.com/salesforce