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Recommendations from the U.S Federal DevSecOps Survey

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Federal agencies are leveraging the principles in DevSecOps to transform their agencies and modernize their operations and missions. However, it hasn't been an easy or a smooth process. Atlassian teamed with Federal News Network and surveyed federal government employees to gain insight into the current state of DevSecOps. These are the top recommendations that came from the survey report.

1. Collaboration

The FNN survey found that effective cross-team collaboration is the very core of successful DevSecOps workflows. But often, collaboration is confused with communication. Collaboration is when two or more people work together to advance an effort. The key here is **advancing the effort**. Without advancement, it's just communication. Or, a waste of time.

Empower your teams to work better together by creating clarity and transparency throughout the process. From planning to deploying, keep everyone informed and involved as you plan, prioritize, and adapt to requirements and issues.

At Atlassian, we live, eat, and breathe collaboration that is agile, simple, and effortless. It's a part of everything we do, and everything we deliver. Our solutions enable truly powerful collaboration between all types of agency teams.

- Accelerate collaborative development for every member of the team with **Jira Software**. Plan features, discuss issues, and prioritize tasks with full team visibility
- Enable teams of all types and technical abilities to quickly stand up a project and begin collaboration with easy-to-use and visually intuitive Trello.
- Give teams one place to collaborate, test, and deploy software with **Bitbucket** centralized code management and distributed version control system

2. Open work

Collaborative teamwork starts with information sharing and creating open work environments. Scaling DevSecOps effectively and efficiently means that you need to have individuals within a team, teams within teams, and teams across the entire organization all aligned and working to achieve common mission objectives. But that can be difficult. Programs are often a maze of ideas and concepts, plans and research, data, deadlines, dependencies. There is a lot to sift through.

How can you break through the silos? Open up your discussions to a bigger group. Let them see what your team is working on, then start actively soliciting feedback. Get users and stakeholders involved earlier in the requirements process and track results for accountability.

Focus on fueling three key actions in your project or program, and you'll be able to tap the power of openness to fuel DevSecOps: 1) Share context throughout the team and agency so that everyone understands what decisions need to be made and why. 2) Deliver direct and honest feedback, regardless of rank or position. 3) Deliver the appropriate access to information. Open work happens when information is seen as something to be discovered rather than protected.

Atlassian can help.

- Build a collaborative workspace that enables teams to share knowledge, create actionable meeting notes, and search through documents and discussions with **Confluence**

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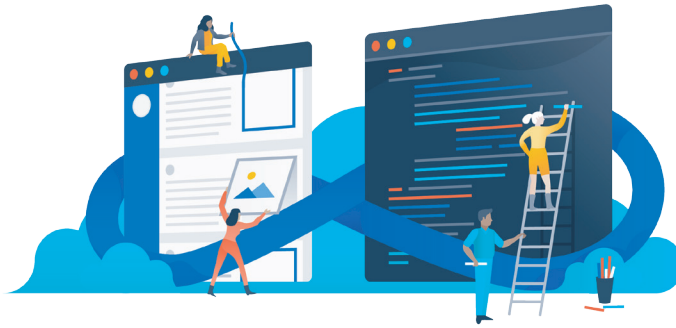
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- Use **Jira and Jira Service Desk** to bring development, operations, and support teams together. Easily capture user feedback on issues and track them from request to release
- **Jira Align** gives a business-grade single-pane view of every project or program in the portfolio, with an easy-to-drill-down capability that allows everyone to understand key aspects to progress or barriers

3. Train, and then train again

High performing DevSecOps teams can shrink the amount of work and make the flow of work faster so they can focus on work that matters. And this requires not only changing culture but changing practices. Even the best teams do not become adept at DevSecOps overnight. Training is a fundamental part of DevSecOps success from team-building exercises to tool tips and best practices. Learn how to become more agile, improve decision making, or better leverage specific software features.

- Enable any type of user to learn their way. From free in-product tutorials to team training sessions to advanced certifications, **Atlassian University** provides a wide range of options that help your agency to employ radical transparency, agile communication, and systematic alignment
- Teamwork can be hard to develop. **Team Playbook** is a collection of techniques to evaluate your team's health, strengthen critical areas, and build a DevSecOps culture

4. Fuel repeatability and responsiveness

Scaling DevSecOps maturity levels and system complexity demands an increase in speed and scalability, along with highly repeatable processes. Effective version control and automating repetitive tasks are essential. Powerful tools help you proactively respond to and resolve issues before they impact the mission. A deeper integration of tools and teams leads to more effective and efficient results.

As the number of DevSecOps teams increases, aggregate information from multiple teams for a strategic view.

- Respond to critical issues faster with **Opsgenie** Incident management and alerting tools. Streamline workflows, automate and prioritize alerts, and ensure the critical issues are addressed rapidly
- Scale agile development by aggregating team information with **Jira Align**. Get visual, real-time data to align strategy with execution
- Automate builds, tests, and releases together into a continuous workflow with **Bamboo** professional build server. Centralize and track results for continuous integration, deployment, and delivery
- Smooth workflow and boost productivity with integrations from **Atlassian Marketplace**. Expand your reach, extend features, and reduce development and response times

Need help in maturing your DevSecOps capabilities for your agency? The Atlassian Public Sector team can help! Learn more at www.atlassian.com/government

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Thank you for downloading this Atlassian resource! Carahsoft is pleased to serve as Atlassian's exclusive public sector aggregator, working with an extensive ecosystem of resellers, system integrators, and solution partners who are committed to helping government agencies select and implement the best solution at the best possible value.

To learn how to take the next step toward acquiring Atlassian's solutions, please check out the following resources and information:

For additional resources:
carah.io/AtlassianResources

For upcoming events:
carah.io/AtlassianEvents

For additional DevSecOps solutions:
carah.io/DevSecOpsSolutions

For additional Atlassian solutions:
carah.io/AtlassianPortfolio

To set up a meeting:
atlassian@carahsoft.com
833-JIRA-GOV

To purchase, check out the contract vehicles available for procurement:
carah.io/AtlassianContracts