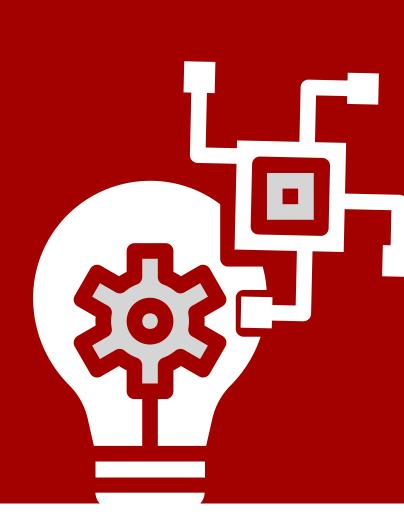


DevSecOps Powers Public Sector Innovation

Continuous improvement and integrated security - at scale





responsibility, integrated from the start Security used to be the exclusive responsibility of an isolated team-tacked on in the final stage of development. In order to take full advantage of a

DevSecOps approach:



Identify the security controls

the planning stage

different apps

Shift security left, as early as



necessary within a given app



Automate security features for

Prioritize speed to market for



repeated tasks to keep workflow from slowing down



security and meet your DevOps security goals

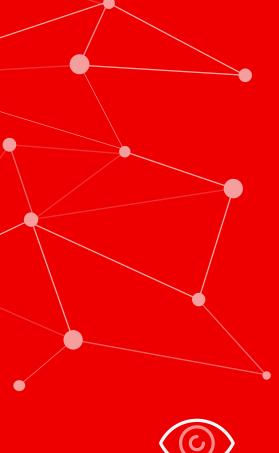
Select the right tools to integrate



DevOps speeds innovation by closing the gap between

development and operations, but the speed gained

can be undermined by poor security planning.



DevOps is for everyone

With the right leadership and incentives in place, your development and operations teams can help facilitate an open culture. Transforming into an open organization means embracing principles that reflect open source values:

While DevOps specifically refers to development and operations,

DevOps relies on a culture of collaboration that aligns with open

source principles and transparent, agile approaches to work.

the practice is most successful when spread throughout the agency.

Inclusivity



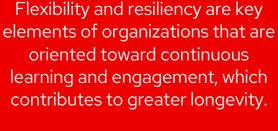
Collaboration



Organizations that are

inclusive seek out diverse

Open organizations are communal by Individuals in an open organization



Adaptability

Community



believe that work is better when more

parties are involved, and it lends the

DevSecOps is a philosophy, movement, and culture



default. Shared values and purpose



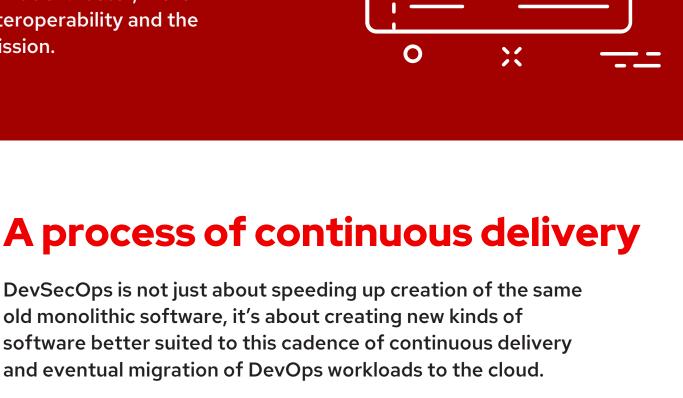
secure releases, greater interoperability and the freedom to focus on the mission.

of continuous improvement and integrated

security—at scale. The result delivers powerful

undergoing digital transformation: faster, more

advantage for government agencies who are



Allows environments to continuously scale with ease. Frees teams to focus more on strategic projects and less on

• Enables an infrastructure to withstand the constant code

changes that come with DevOps.

repeatable, predictable tasks.

The Automation to-do list: 1. Maintain short and frequent development cycles. 2. Integrate security measures with minimal disruption to operations.

3. Keep up with innovative technologies like containers and microservices.

All of these initiatives begin at the human

level—with the ins and outs of collaboration

4. Foster closer collaboration between commonly isolated teams.

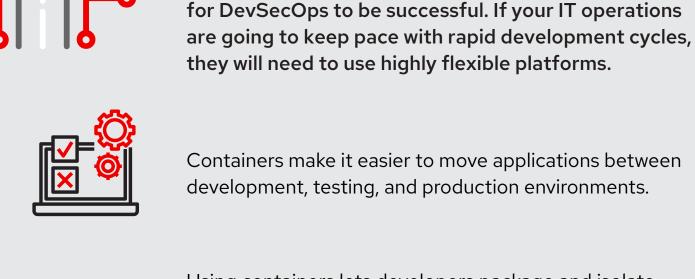
Automation:

- at your agency—but the facilitator of those human changes in a DevSecOps framework is automation.

Treat your infrastructure

like dev teams treat code

Selecting tools that support your processes is critical



Using containers lets developers package and isolate their apps with everything they need to run, including, application files, runtime environments, dependent

Containers support a unified environment for

development, delivery, integration, and automation.

libraries, and configurations.





Ansible Automation

automation technology that can improve your current processes, migrate applications for better optimization, and provide a single

language for DevOps practices

across your organization.

Platform

A simple, enterprise IT

Red Hat

built-in security for

OpenShift

Red Hat® OpenShift® delivers

container-based applications,

including role-based access

controls, Security-Enhanced

isolation, and checks throughout

Linux (SELinux)-enabled

the container build process.

To learn more about Red Hat technologies

enabling and driving DevSecOps,

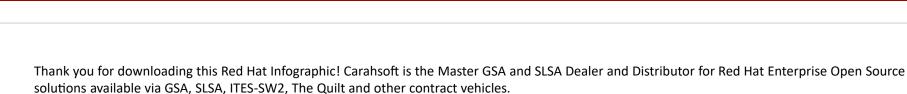
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