



Attain ATO sooner with Red Hat OpenShift



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One shot for DoD mission success

"The Department of Defense is at a defining moment as the services pivot to deliver cloud-based services, adopt cloud-native software development practices, to modernize the DoD in preparation for the digital battlefield and competition with near-peer threats."

Department of Defense

Red Hat OpenShift supports the warfighter

Red Hat OpenShift is the only complete Kubernetes application platform for automating deployment, scaling, and management of containerized applications for the warfighter and other DoD users. Use it to:

Gain information advantage by pushing decision making to the edge.

Provide uninterrupted data availability.

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Achieve ATO and warfighter preparedness with Red Hat OpenShift

U.S. Department of Defense (DoD) organizations need to receive an Authority to Operate (ATO) before their systems can host mission-critical workloads. Every day, week, and month that goes by without an ATO leaves the warfighter without a critical capability fully deployed to the field.

Red Hat® OpenShift™ promotes mission success by accelerating ATO and helping DoD deliver warfighter capabilities that are sustainable, manageable, and security-focused.

Fastest to prototype does not mean fastest to production

Some Kubernetes distributions let you quickly build a prototype by bypassing security and compliance. While ignoring security can help you speed up prototype creation, this also builds technical debt, which takes far more time to address on the back end versus getting it right the first time.

The Red Hat advantage. Red Hat OpenShift reinforces the security of the entire application platform stack at every stage of development. The initial configuration is comprehensive and hardened, saving you the time and effort required to add security later. Automated enforcement of security policies frees up time for developing new features to support the mission. Read about Red Hat OpenShift and defense in depth.

Multiple community and third-party add-ons make Kubernetes deployments difficult to manage

Container application platforms do not function without tooling any more than a foundation functions as a home without a roof, walls, windows, and environmental controls. In addition to the container application platform, you need an operating system (OS) and tools for metrics monitoring, log aggregation, observability, software-defined networking (SDN), automated deployment to infrastructure targets, continuous integration and continuous delivery (CI/CD) pipelines with policy enforcement, application frameworks and languages, and more.

Most Kubernetes vendors deliver only Kubernetes itself—without the other capabilities you will also need—and recommend third-party products. However, integrating multiple tools with the container application platform is time-consuming and involves revisiting the viability of existing integrations with each new release from every vendor. The effort to keep up with new releases diverts developers' attention away from coding that provides the warfighter with an advantage.

The Red Hat advantage. Red Hat provides the feature-rich capabilities you need to build, deploy, and operate compliant DoD applications. Every release of every Red Hat product is validated to work with all other Red Hat products, saving you the time and expense of integrating multiple tools and maintaining those integrations. If you need additional capabilities, we offer certified products from our large ecosystem of enterprise hardware, software, and cloud service providers, allowing you to focus on what you do best: code.

Red Hat OpenShift

Read about how Red Hat OpenShift promotes mission success and helps DoD deliver sustainable, manageable, and security- focused warfighter capabilities.