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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.

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. Run the work, and much 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 of the most distributed DoD capabilities are built on open source by leveraging security and compliance. When 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 maintains the security of the entire application throughout all every stage of development. The total configuration is comprehensive and forward-looking, so you can build and deploy with confidence. Automated enforcement of security policies front up time for developing new features to support the mission. Read about [Red Hat OpenShift's security focus](#).

Multiple community and third-party add-ons make Kubernetes deployments difficult to manage
 Custom application capabilities do not function without having any more than a foundation function as a base without a tool, web, and environmental patches. In addition to the custom application platform, patching an operating system (OS) and tool for metrics monitoring, log aggregation, observability, software-defined networking (SDN), automated deployment to infrastructure targets, compliance integration and continuous delivery (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 complex distribution patterns is time-consuming and error-prone, increasing the quantity of testing iterations with each new release from every vendor. The effort to keep up with new releases drives development 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.

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