

Palo Alto Networks Proposal Materials for DoD DevSecOps Tools, Pipeline & Platform Integration & Licensing Blanket Purchase Agreement



Proposal Materials to Support a Bid to FA8307-19-R-0134

DevSecOps Tools, Pipeline & Platform Integration & Licensing Blanket Purchase Agreement

Palo Alto Networks has been working with the LevelUP Pathfinder Program team throughout their initiative to support a wide collection of software, data and programming tools including continuous integration and delivery (CI/CD) software products. The Technical Volume is mainly focused on a narrative where the bidder must show how they will meet all areas of the scope of the BPA, hire the right key personnel, and operate in co-location environments to support the various Pathfinder task orders calls. Palo Alto Networks is proud that a recently acquired tool, Twistlock, was included as a product that bidders should provide pricing for. We are proud that Twistlock was the first container security platform, the first serverless security platform, and the first to unify protection across the cloud native stack. Twistlock can help you with the technical capability to meet the scope of this BPA in the following key areas:

- We can deploy in multiple modes: cloud hosted, on-prem, or hybrid
- Compliant with Pathfinder requirements (UBI based and STIG compliant)
- Native integration with other CI/CD platforms such as Jenkins
- Usage of ML to generate a behavioral profile for the workload which enables us to detect behavioral deviations throughout the CI/CD pipeline
- Single platform providing vulnerability assessment, cloud native firewall, behavioral analysis, runtime defense, and serverless compute protection

Since 2015, Twistlock has defined the what why and how of securing cloud native applications. Our team [built the authorization framework](#) in Docker and OpenShift and secrets management in Docker Swarm. We were the security launch partner with leading platforms like [AWS](#), [Google](#), and [Microsoft Azure](#) for their container related solutions. Twistlock CTO John Morello co-authored [NIST SP 800-190](#), the Container Security Guide. Our [Cloud Discovery open source tool](#) helps infrastructure, operations and security teams identify all the cloud native platform services, such as container registries, cloud native nodes across managed Kubernetes platforms, and serverless services used across your cloud providers, accounts, and regions. Since its origins, [Twistlock Labs](#) has found 19 security vulnerabilities that were publicly disclosed, with CVE IDs that were allocated to NVD. The full list is on their [CVE page](#). The majority of these vulnerabilities were in software critical to cloud infrastructure from OS level to applications that are commonly used, such as the Linux Kernel or Kubernetes.

The DoD Pathfinder programs use Twistlock Compliance Explorer, our compliance management system, to enforce standard configurations, security best practices, use of trusted registries and recommended deployment templates. This provides assurance that cloud native environments, wherever they run, remain compliant with industry and Federal regulations. Runtime defense and native firewalling adds additional protections to critical DoD workloads.

Please see the following page for Pricing Information to aid the response.

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Pricing

For the ability to actually purchase and resell Twistlock, it must be done through our authorized reseller/distributor process. For information on becoming a reseller, please see:

<https://www.paloaltonetworks.com/partners>

To find a reseller partner to get quotes from, please select from:

<https://locator.paloaltonetworks.com>

Please reach out to our Distribution Partner Carahsoft at: paloaltonetworks@carahsoft.com