Nexus Container

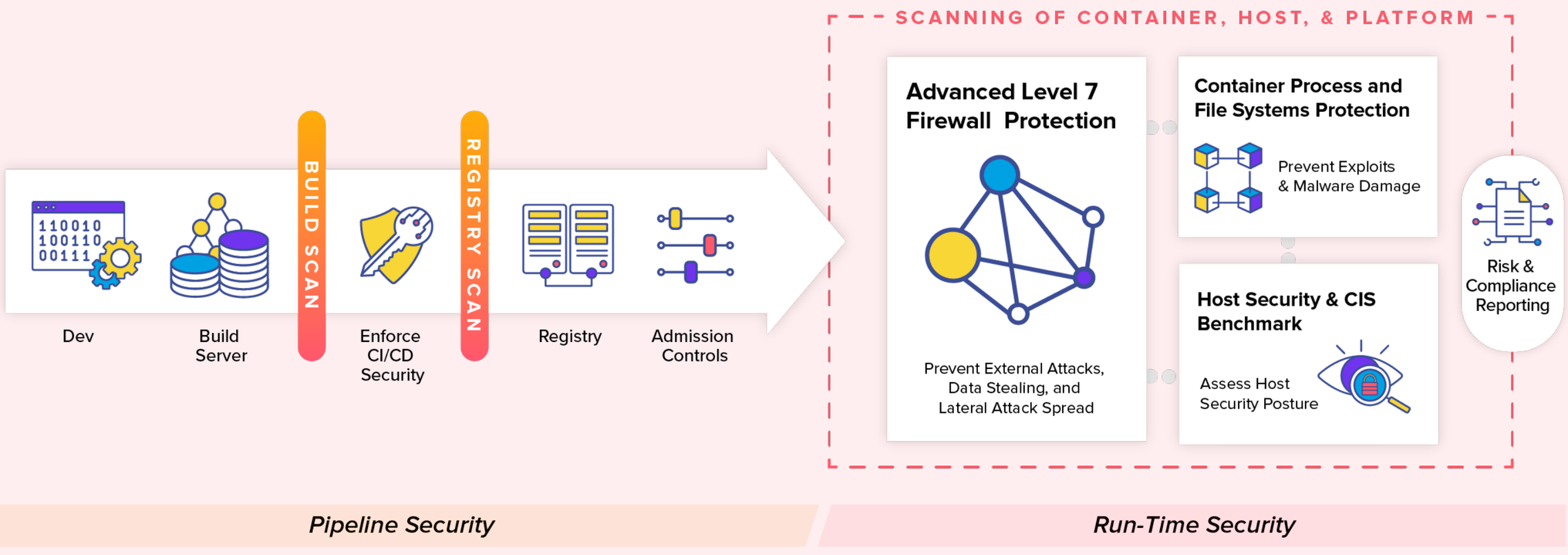
Protect containers from build to production.

The increasing popularity of containers — Docker image pulls were estimated at *~90 billion* in 2020[1] — also means an increasing susceptibility to container attacks. But securing a container's infrastructure requires more than just a quick vulnerability scan. End-to-end container security means taking a layered security approach — enforcing security and compliance requirements AND protecting networks, containers, and hosts in real time.

Nexus Container does it all — providing full life cycle security for Kubernetes-native containers, from build to ship to run.

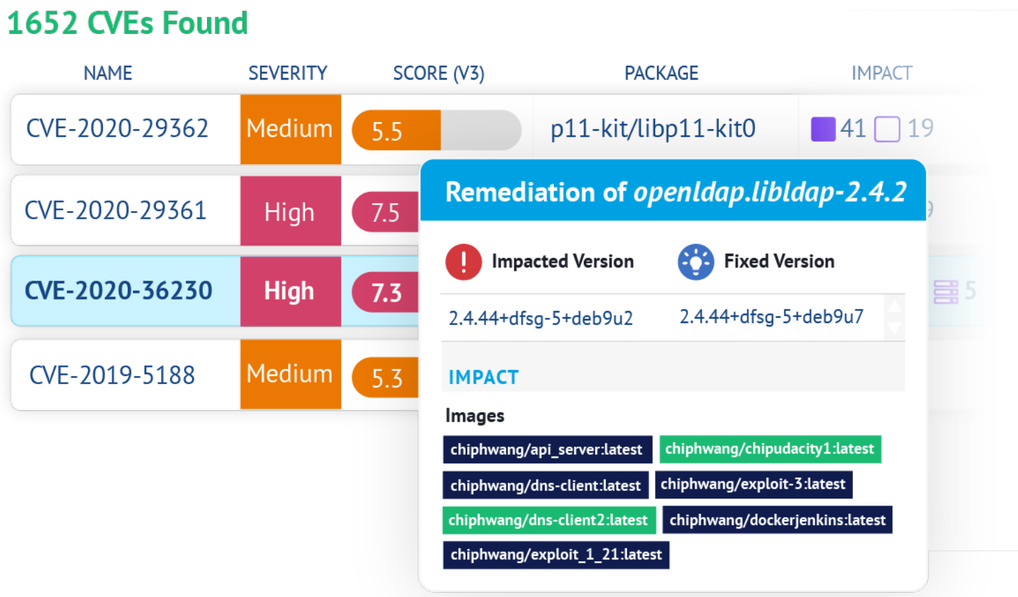
We find — and stop — your vulnerable container images from deploying, and we are the only solution with behavioral inspection that can identify all network traffic at Layer 7 and every container process to automatically create behavior-based security policies, enforce Data Loss Protection, and prevent zero-day malware and network attacks, tunnel, and breaches.

Container Security with Nexus Container



End-to-End Vulnerability Management, Compliance, and Auditing

Full life cycle vulnerability (CVE) & compliance scanning – during build, registry scans, and run-time.



[1] Sonatype's 2020 State of the Software Supply Chain report

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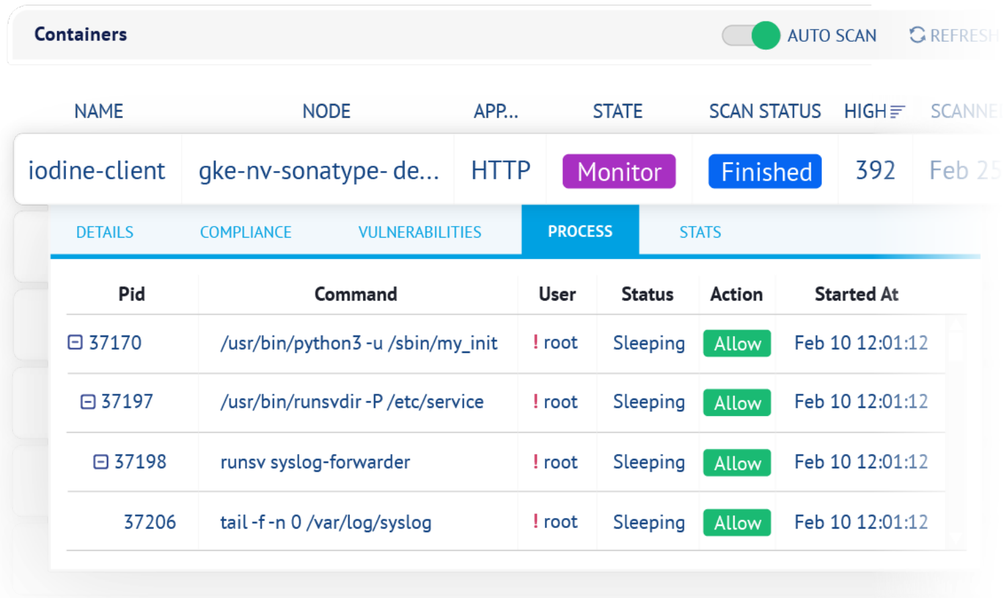
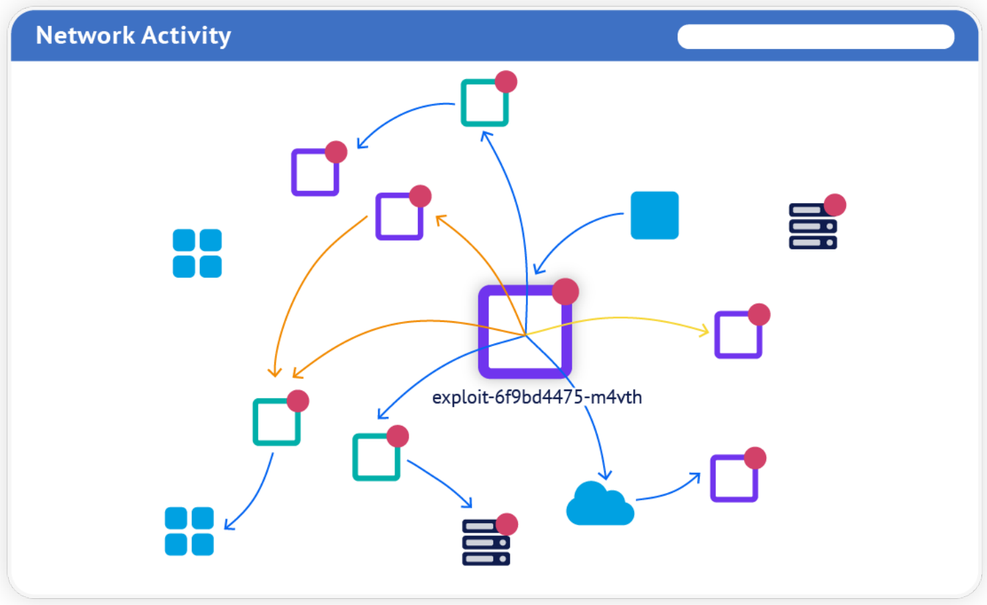


Host & Container Attack Prevention

Real-time vulnerability scanning during run-time for hosts and orchestration platforms, such as Kubernetes. Monitor live containers for suspicious process and file system activity and privilege escalation detection, with host process blocking.

Layer 7 Network Traffic Inspection for Data Loss Protection and Zero-Day Attacks Prevention

Continuously monitor running containers to prevent insider attacks which bypass network L3/L4 protections and safeguard sensitive data, PII, credit cards etc. with the only container DLP engine.



Cloud-Native Automation and Integration

Integrated with orchestration and management platforms: Kubernetes, Red Hat OpenShift (certified container & operator), Rancher (catalog listed), AWS ECS/EKS, Mesos etc., Google GCP/GKE, Azure/AKS, IBM Cloud, OKE, PKS, Diamanti, VMWare Tanzu, PKS.

Key Benefits of Nexus Container

Identify vulnerabilities and compliance issues before containers deploy.

Prevent cyber attacks with real-time visibility into network activity.

Save time on policy management. Our behavioral learning analyzes traffic then builds and enforces security policies for you.

Automate end-to-end container security throughout entire CI/CD pipeline and at run-time.

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Sonatype is the leader in software supply chain automation technology with more than 300 employees, over 1,000 enterprise customers, and is trusted by over 10 million software developers. Sonatype's Nexus platform enables DevOps teams and developers to automatically integrate security at every stage of the modern development pipeline by combining in-depth component intelligence with real-time remediation guidance.

For more information, please visit **Sonatype.com** or connect with us on **Facebook, Twitter,** or **LinkedIn.**