

# Dynatrace Application Security

Deliver applications faster and more securely  
with Runtime Application Vulnerability Detection



Dynatrace Application Security provides automated, runtime vulnerability detection and risk assessment for cloud-native applications across the entire software development lifecycle. It is optimized for cloud-native applications running in containers and Kubernetes. Using proven Dynatrace technologies, Dynatrace Application Security helps your DevOps teams resolve security issues faster, allowing them to accelerate software delivery.

## The challenge

Your business relies on the rapid development of new cloud-native applications. But your cloud environment is becoming too complex for humans to manage. The only way to keep up is with complete automated security, requiring no human intervention — no configuration, no installation, no dedicated security testing, no waiting for results, and no manual piecing together of information from multiple tools.

Unfortunately, traditional security products fall short. They typically —

- Require a separate configuration for each application
- Take a long time to produce results
- Can't see short-lived workloads
- Can't see what is happening inside running containers
- Produce long lists of false (or inaccurate) alerts
- Suffer from blind spots because they are not 100% automated

## Why Application Security from Dynatrace?

Dynatrace Application Security extends the power of Dynatrace to applications in your enterprise:



**Run fast and be secure.** Our automated, real-time security aligns with your DevOps speed and your cloud automation practices.



**Eliminate vulnerability blind spots** with our 100% automated deployment in your production environment.



**Save 70% of the time** your developers spend on remediation, enabling teams to focus on accelerating digital transformation projects.

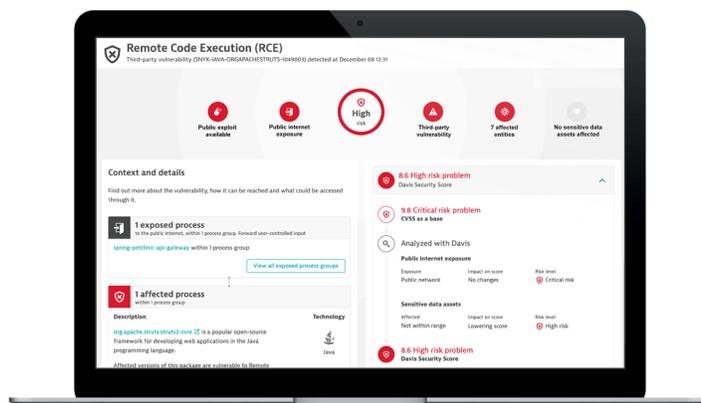


**Understand the true risk of each vulnerability.**

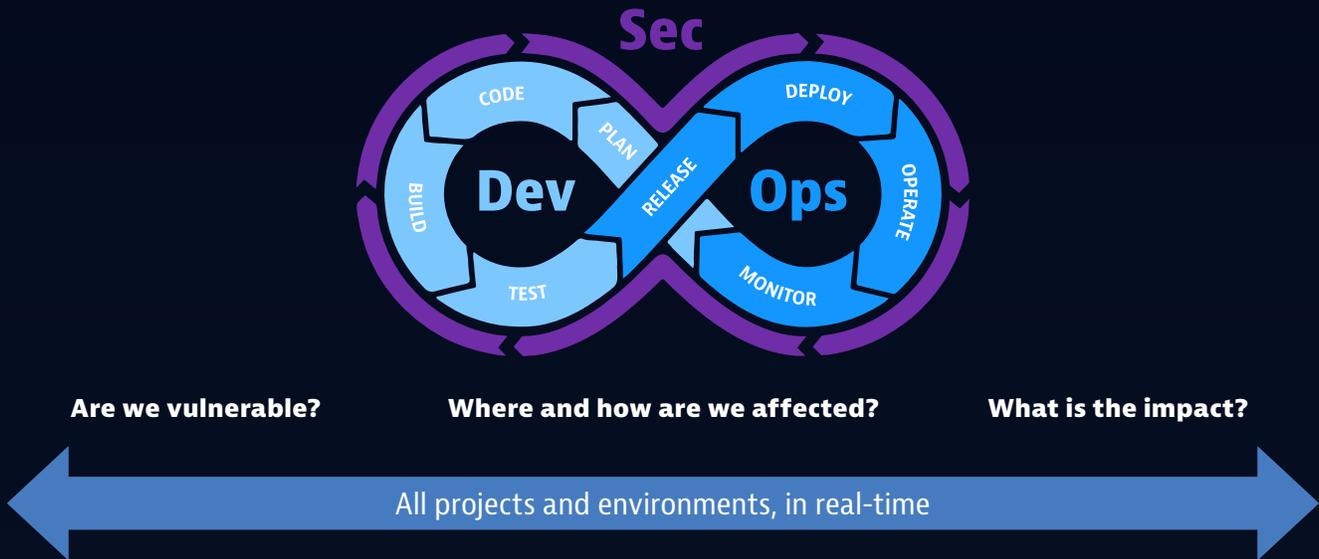
Davis AI automatically generates a unique security score for each potential vulnerability by combining information from Snyk with Smartscape topology and PurePath attack vector analysis



**Speed vulnerability remediation** by identifying the required upgrades and/or potential workarounds through native integration with Snyk.



# Dynatrace Application Security provides runtime vulnerability detection across the entire software development lifecycle.



## Dynatrace Application Security benefits:

- Reduce security blind spots with 100% automated visibility of applications in runtime — all environments, in real-time
- Reduce remediation effort by 70%, and speed projects along
- Give the C-suite more confidence in their cloud-native applications
- Accelerate innovation by automating existing manual security processes
- Improve the relationship between the security team and developers

Dynatrace Application Security is an integral part of the Dynatrace Software Intelligence Platform. There is nothing new to install or configure. Existing Dynatrace observability technologies support a range of security use-cases, from vulnerability detection and risk detection (today) to advanced runtime self-protection (RASP) in the future, without any need for tuning or rules adjustment.

**“With Dynatrace Application Security, our DevSecOps teams finally gain the 100% production run-time visibility they need** to defend against vulnerabilities in our Kubernetes environment.

Its real-time, topology-driven, and precise risk assessment allows us to focus our energy where it matters for the business, eliminating wasted time spent working through thousands of false positives.”

—**Jürgen Plasser**, Application Security Management



## About Dynatrace

Dynatrace provides software intelligence to simplify cloud complexity and accelerate digital transformation. With automatic and intelligent observability at scale, our all-in-one platform delivers precise answers about the performance and security of applications, the underlying infrastructure, and the experience of all users to enable organizations to innovate faster, collaborate more efficiently, and deliver more value with dramatically less effort. That's why many of the world's largest enterprises trust Dynatrace® to modernize and automate cloud operations, release better software faster, and deliver unrivalled digital experiences.

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