Dynatrace Application Security

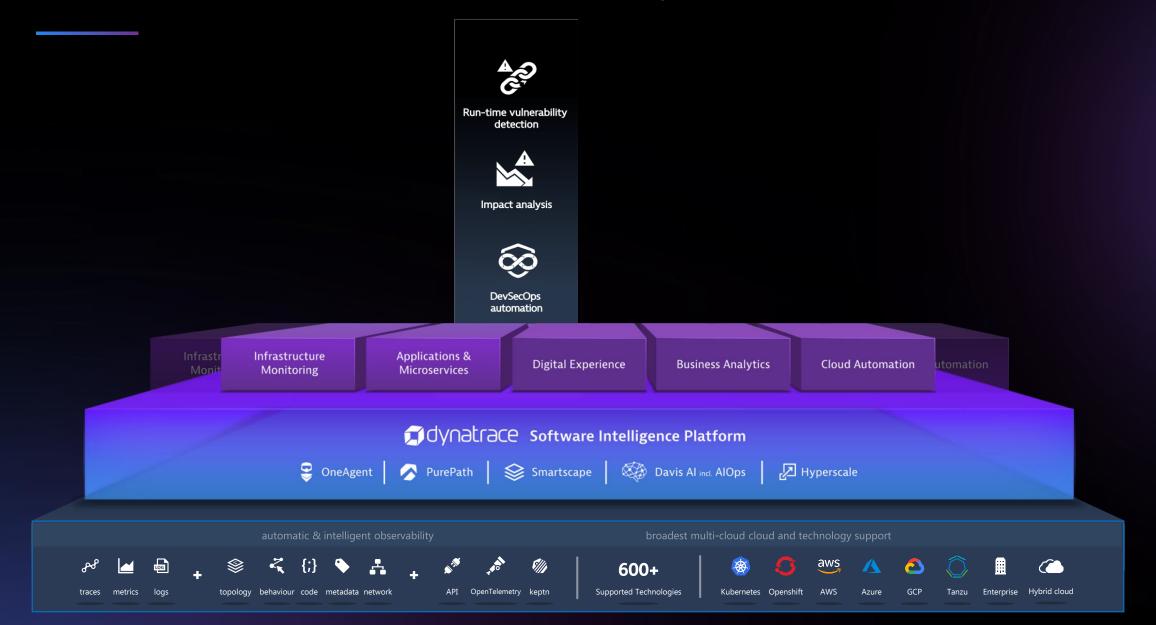
Attila Hőgye April 2022







Dynatrace Software Intelligence Platform





Be Fast and Secure

100% automated visibility → reduce risks and security blind spots

- Automation (OneAgent) ensures all running apps are scanned
- OneAgent sees inside applications, identifies true risks
- Smartscape sees application context, Davis AI assesses business impact
- Drill-down to individual request details using service flows and PurePaths
- Automatically keep up with real-time changes such as container dynamics, multi-version deployments, runtime container updates

Save 70% of your developers' time spent on remediation

- Help developers prioritize critical vulnerabilities, ignore invalid ones
- No waiting for scan results
- More efficient remediation

Improve the relationship between your Security team and Developers

- Developer friendly vulnerability explanations. More efficient workflows.
- Simplify Security Team job reducing false positives and distractions through intelligent scanning, filtering and prioritization
- Everyone using the same multi-purpose platform.
- Real time detection and alerting

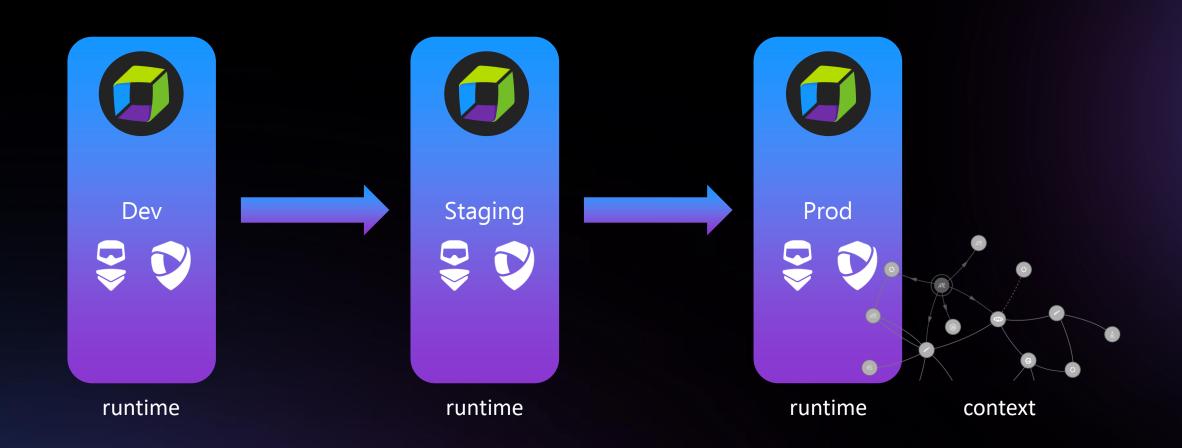
It's easy!

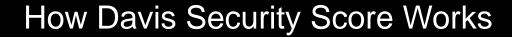
- No new agents
- No new scripts
- No configurations

Dynatrace Application Security



100% automated visibility, 100% lifecycle











Inside the running application

- Is the library being used?
- How is the library being used?



Production environment context

- Is app exposed to the Internet?
- Is app exposed to other risky apps?



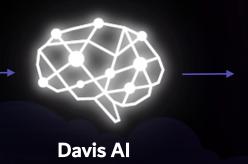
Threat environment

• Is a public exploit available?



Potential impact

- Are multiple entities affected?
- Is sensitive data potentially impacted?



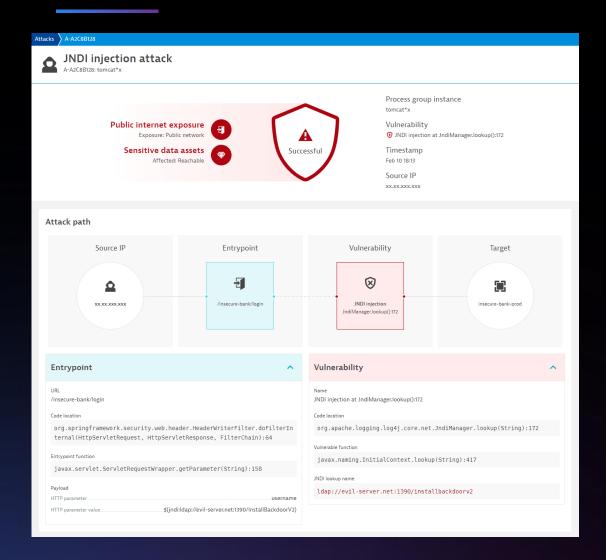
Davis Security Score



What is coming next?



Attack Detection and Blocking



We are adding real-time attack protection to our Application Security module. Based on code-level insights and transaction analysis, attacks can be detected and blocked without configuration, achieving a perfect OWASP benchmark score for injection attacks—100% accuracy and zero false positives.

Important notes:

- 'Attack detection and protection' is expected to become available for customers in May/June timeframe.
- At launch we will support specific use cases (sql/cmd/jndi injection attacks on Java).

Software Intelligence for the Enterprise Cloud

Cloud monitoring reinvented. Easy, Automatic, Al-Powered.

