



Build Security into DevOps

The app economy

Developers are now responsible for driving innovation and delivering new products to market faster. It's a transformational evolution for the Software Development Life Cycle (SDLC), pushing for more agile processes and greater collaboration across development, QA, security, and operations. Agility has become the top priority for business leaders as they prepare for the fast-paced, hypercompetitive future.¹



In fact, businesses believe that by 2020, each application will need to be released 30 additional times each year in order to keep up with demands of business innovation.² As developers accelerate to meet time-to-market demands, security teams are playing catch-up. It's time to rethink the traditional, reactive approach of security testing code so late in the development process and look toward the speed, continuous integration, and automation requirements of the new SDLC.

Automate, integrate, monitor, and protect

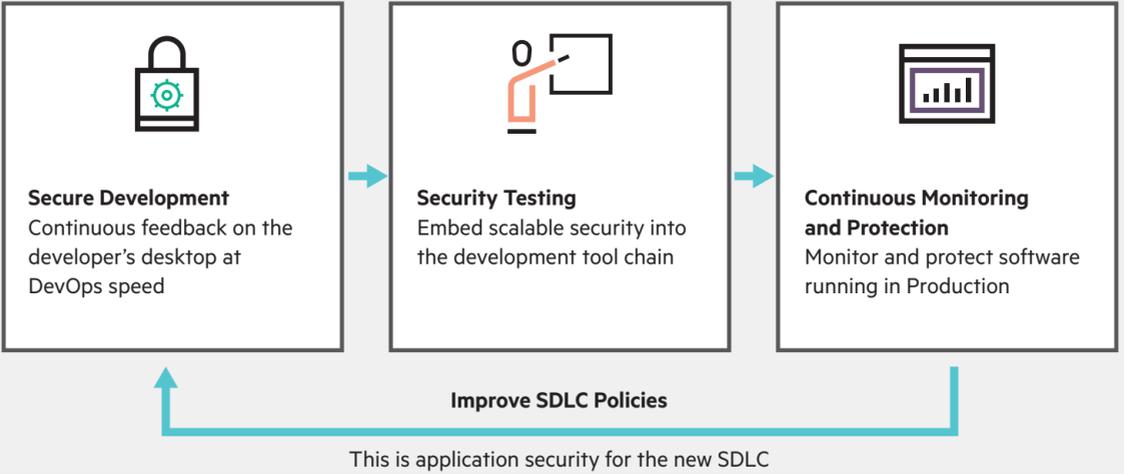
Security cannot be an afterthought. Application security best practices and testing should be built into the development process.

You need not compromise application security to achieve DevOps speed. By integrating app sec tools into your software development tool chain, security can be built in.

Finding and fixing security flaws is not enough. Continuous monitoring and protection can help you stay on top of a rapidly changing application landscape.

Build security into the new SDLC

The new SDLC requires an expanded scope of application security – from development, through traditional scanning and testing, and into production.



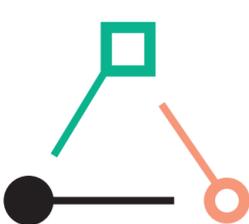
HPE Security Fortify offers end-to-end solutions

Secure Development



- Feedback to developers must be immediate to eliminate vulnerabilities before they are built in.
- Accelerate the SDLC by reducing vulnerabilities early, rather than tracking, remediating, and re-testing them later.

Security Testing



- Security testing feedback should be frequent, even continuous.
- Static and dynamic testing can automate security testing to speed-up cycles and reduce errors.

Continuous Monitoring



- Continuously monitor for new apps, new vulnerabilities, and other changes affecting security risk
- Safeguard vulnerabilities you may have in production.
- Manage the risk of speedier deployment via compensating controls for added protection.

To learn more about integrating security into DevOps, visit hpe.com/software/fortify, consider a **Software Security Assessment**, or talk to your Hewlett Packard Enterprise sales representative.

1. Frost & Sullivan surveys, "Through the DevOps Looking Glass: Learning from HP's Own Transformation Initiative, May 2015; Lynda Stadtmueller Vice President, Cloud Services; <https://www.hpe.com/h20195/v2/GetPDF.aspx/4AA5-8744ENW.pdf>

2. HPE research: https://community.hpe.com/15/HPE-Business-Insights/Apps-Big-Data-and-Security-in-2020-Rafa-Brugnini-s-keynote/ba-p/6541476#V9iQ_fkrK00