

# Cyber Risk Report 2016 highlights

## Application security: Code issues continue to plague organizations

The annual Cyber Risk Report from HPE Security Research helps you understand how hackers attack and where you are most vulnerable. This year's cyber security research report presents a broad perspective drawn from more than 3000 HPE and independent researchers, open source intelligence, and partners like ReversingLabs and Sonatype. Advanced data analysis provides compelling reasons to use application security and threat intelligence solutions to identify and correct vulnerabilities in your apps before you deploy them.

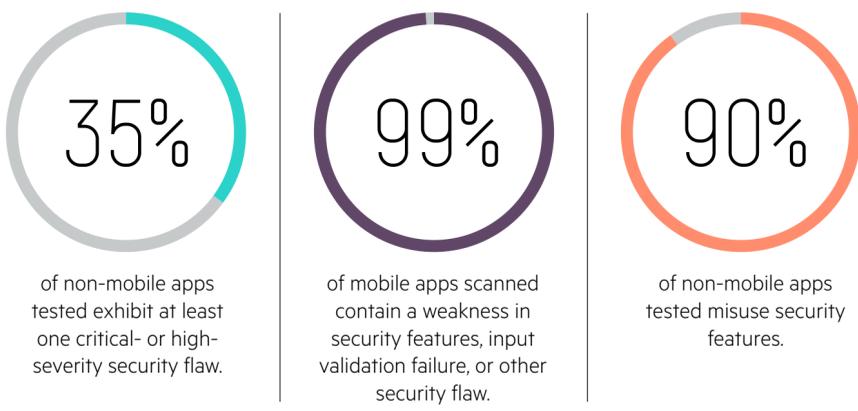
### Attackers have shifted their focus to target applications.

**Improving user accessibility and ease of use also increases ease of access for attackers.**

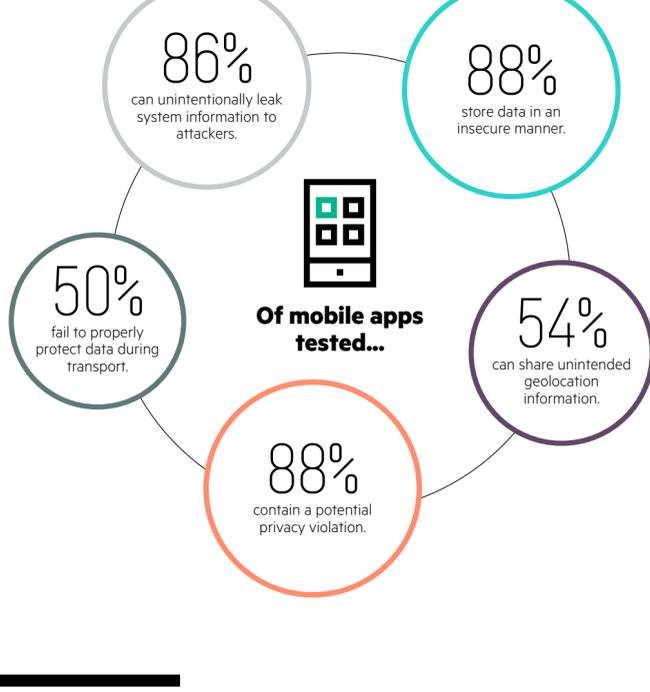
**Applications exploit toolkits are increasingly available on the attack marketplace.**

**Many major breaches in 2015 targeted applications.**

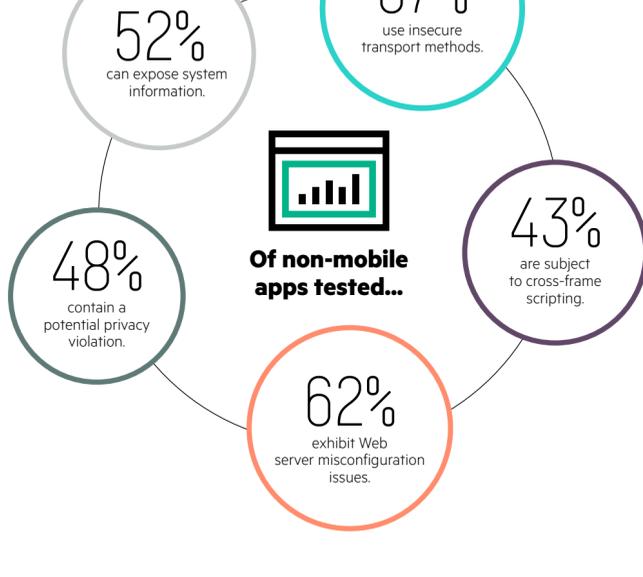
### Most Web and mobile apps contain security weaknesses that can open the door to attackers.



### Mobile apps expose businesses and users to information theft.



### Non-mobile applications are more secure—but not by much.

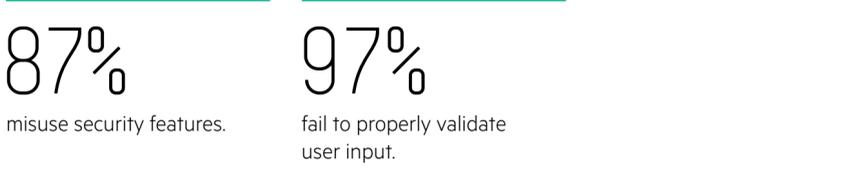


### Reliance on open source software brings changes in security risks.

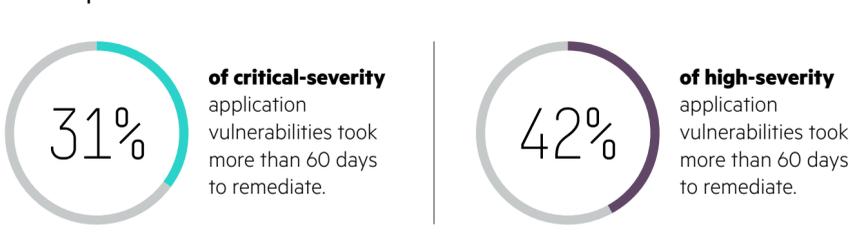
#### Of tested open source Java apps:



#### Of tested open source PHP apps:



### Lengthy remediation times leave companies vulnerable.



### Key takeaways for application security professionals:

- Web and mobile applications offer hackers new entry points to steal sensitive enterprise data.**
- Fundamental coding errors with security implications are still prevalent.**
- Remediation of vulnerabilities is taking too long.**

### HPE recommendations based on the cyber security research findings:

Protect your business by finding and fixing vulnerabilities in the applications you develop before hackers do. **Build security in** to your enterprise with a software security assurance program that reduces successful attacks, so you can focus on the most damaging, and helps software developers **produce and deploy safer code**. Monitor and protect high-risk applications in production.

#### Enable your organization to fearlessly innovate.

Protect your business with HPE Security Fortify.

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