FRTINET.

OUTBREAK ALERTS 🗘



VMware Spring Cloud Function RCE Vulnerability

Critical flaw found in Spring Cloud Function resulting in Remote Code Execution

https://tanzu.vmware.com/security/cve-2022-22963 CVEs: CVE-2022-22963

In Spring Cloud Function versions 3.2.2, 3.1.6, and older versions, it is possible for an attacker to provide a specially crafted malicious expression that may result in remote code execution and access to local resources. With CVSS base score of 9.8 and publicly available proof of concept, this vulnerability should be seriously attended.

Background	Spring Framework is an open source lightweight Java-based platform application development framework for creating high-performing, easily testable code. And, Spring Cloud provides developer tools to build distributed systems (e.g. configuration management, service discovery, etc).
	In March 2022, another critical vulnerability CVE-2022-22965 known as "Spring4Shell" also affected a flaw in the Spring Framework. See dedicated Outbreak Report for full details: https://www.fortiguard.com/outbreak-alert/spring4shell-vulnerability
Announced	March 29, 2022: VMware published a vulnerability report: https://tanzu.vmware.com/security/cve-2022-22963
Latest Developments	Dec 20, 2022: FortiGuard Labs is still seeing active attack attempts of the vulnerability CVE-2022-22963 and advises users to upgrade to recommended versions for mitigating the vulnerability.
	The FortiGuard telemetry can be viewed at:

https://www.fortiguard.com/encyclopedia/ips/51355



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PROTECT

Countermeasures across the security fabric for protecting assets, data and network from cybersecurity events:

Reconnaissance

Weaponization

Delivery

Exploitation

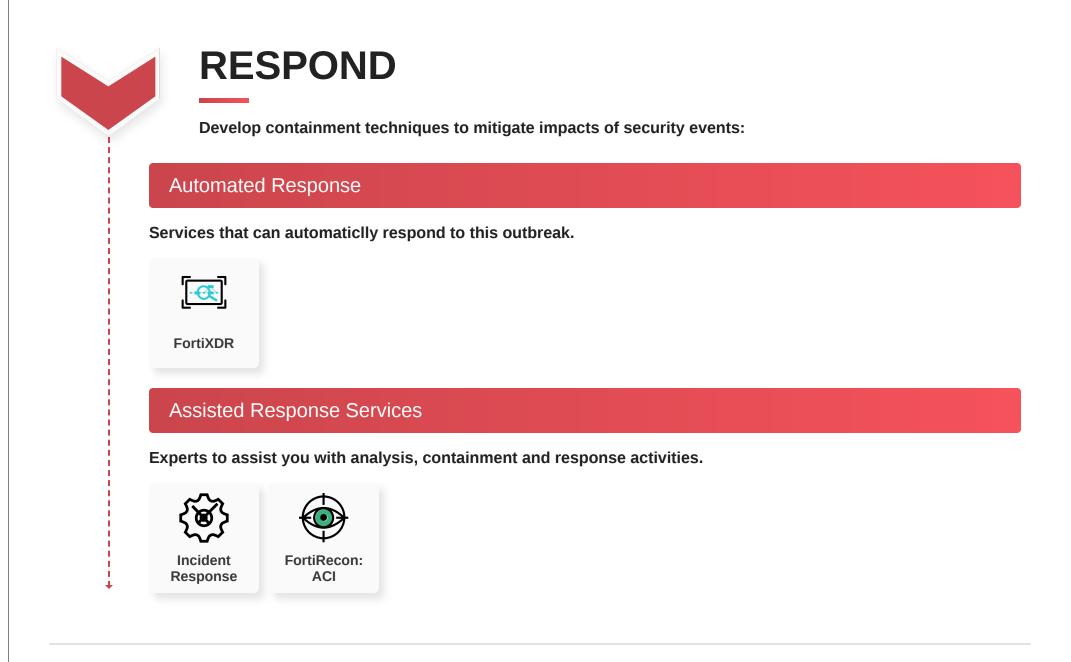
	ation of Spring C			·	
FortiGate	FortiSASE	FortiNDR	FortiADC	FortiProxy	
DB 20.309	DB 20.309	DB 20.309	DB 20.309	DB 20.309	
Web App S	Security				
etects exploit	ation of Spring (Cloud vulnerabi	lity (CVE-2022-2	2963)	
	$\mathbf{M}_{\mathbf{M}}$				
FortiWeb	FortiADC				
DB 0.00318	DB 1.00033				
Applicatior	n Firewall				
etects exploit	ation of Spring C	Cloud vulnerabi	lity (CVE-2022-2	2963)	
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FortiClient					
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Find and correlate important information to identify an outbreak, the following updates are available to raise alert and generate reports:

Outbreak Detection

DETECT

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FortiAnalyzer			
DB 1.00081			
Threat Hunting	ıg		
FortiAnalyzer			





RECOVER

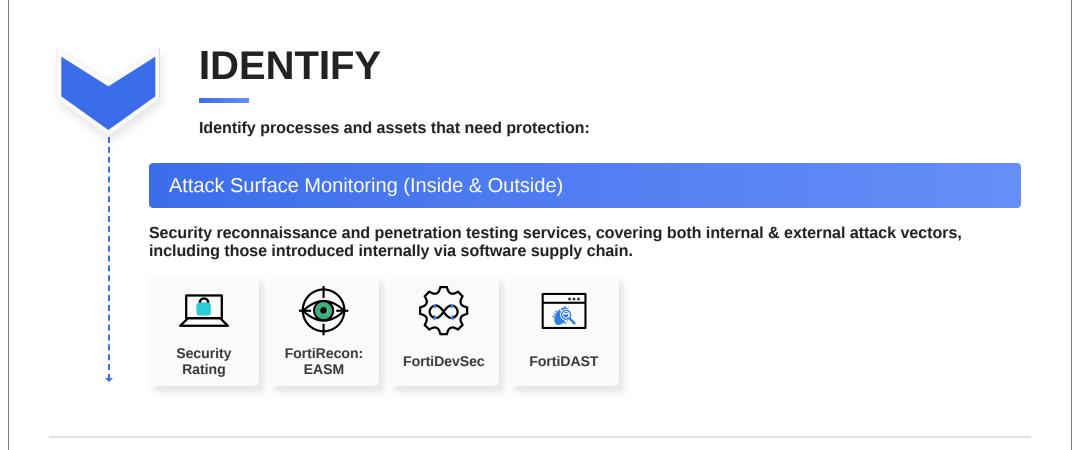
Improve security posture and processes by implementing security awareness and training, in preparation for (and recovery from) security incidents:

InfoSec Services

Security readiness and awareness training for SOC teams, InfoSec and general employees.



Readiness



Additional Resources

VMware	https://tanzu.vmware.com/security/cve-2022-22963
Bleeping Computer	https://www.bleepingcomputer.com/news/security/springshell-attacks-target-about-one-in-six-vulnerable-orgs/
RedHat	https://access.redhat.com/security/vulnerabilities/RHSB-2022-003
Spring4Shell	https://www.fortiguard.com/outbreak-alert/spring4shell-vulnerability

Learn more about FortiGuard Outbreak Alerts

