Security Research Center

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CVE 2021-44228 in Log4J Apache Component

Spring4Shell vulnerability

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About Our Cyber Security Research

Radware's Security Research Center is an in-depth resource about denial-of-service (DoS) and distributed denial-of-service (DDoS) attack tools, trends and threats. Driven by content developed by Radware's threat intelligence team, this section provides first-hand analysis that will guide the implementation of DDoS prevention techniques and solutions.

Security professionals require access to in depth analysis of today’s threat landscape. This is a “go-to” resource for security professionals who want to stay updated on recent cyberattacks, analyzing security threats and identify protection strategies. and dig deeper into network threats beyond surface-level analysis, as well as identify available safeguards.

New Threat Intelligence

Now Available:
2021–2022 Global Threat Analysis Report

READ THE REPORT

The Latest Threats, Advisories & Attack Reports

New cybersecurity attacks and DDoS threats are lurking in the shadows every day. Stay ahead of the vulnerabilities with updated DDoS reports, mitigation best practices and cybersecurity threat reports from Radware's threat intelligence team.

Learn More

Ransom Denial-of-Service (RDoS) 2022

Ransom Denial-of-Service (RDoS) 2022

Over the past several months, Radware has observed a significant increase in DDoS activity across the globe and has been rapidly onboarding new customers in distress.


Learn more

OpsBedil Reloaded 2022 by DragonForce Malaysia

Last year's renewed hacktivist operations throughout the Middle East have returned, presenting a certain level of risk for unprotected assets as threat actors begin to target organizations and citizens across Israel.


Learn more

Spring Hell: CVE-2022-22965 (Spring4Shell)

Several vulnerabilities relating to the Spring Framework, an open-source framework for building enterprise Java applications, were disclosed in March of 2022.

SEE ALL THREAT ALERTS

Live Threat Map

Powered by Radware's Threat Intelligence

Radware’s Live Threat Map presents near real-time information about cyberattacks as they occur, based on our global threat deception network and cloud systems event information. The systems transmit a variety of anonymized and sampled network and application attacks to our Threat Research Center and are shared with the community via this threat map.

See more

Want to know when we post new alerts?

Join our email list to stay up to date on the latest security threats.

Sign Up Today

Security Research, Reports & Guides

Cyber criminals don't keep regular hours. They work around the clock to find and exploit holes in your network and that is why DDoS prevention is so important. Read the latest DDoS prevention research to understand the current threat landscape and how to stop DDoS attacks.

Top Things to Look for in DDoS Protection

Does your data center infrastructure span the boundaries of both the on-premise and cloud universe? Are they safeguarded from the latest cybersecurity threats?

This list can help with what is important to look for in DDoS protection for your applications.

Download the List

Radware's 2021 Hacker's Almanac Series

The Threats Are Real And They Have Evolved: Understand The Evolution of Threat Actors In A Post-Pandemic World.

Modeling the threat landscape is essential to implementing a focused security strategy that aligns with your organization’s most valuable assets.

Read the Almanac

Protecting Against Threats You Can't See

Moving with the speed of your business introduces uncertainty about where attacks and vulnerabilities are hiding.

Download the Global Application & Network Security Report to learn how to balance business agility with security requirements.

Download the Report

DDoSPedia

DDoSPedia is a glossary that focuses on network and application security terms with many distributed DDoS related definitions. It provides a central place for hard to find web-scattered definitions on DDoS attacks.

Search DDoSPedia

Experts Insider & Threat Intelligence

Hear from some of our cyber security experts and learn the strategies to preventing attacks as they share inside information on their research, techniques and best practices for defending your network and web applications against today's threat landscape.


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Thought Leadership & Additional Resources

Cyber-attacks have grown larger and more complex over time, and mitigating them has become even more challenging. Learn how to defend against these evolving threats with updated best practices, attack tool information and other threat intelligence from Radware.

Hacker's Corner

Tactics, Techniques and Procedures
The cybersecurity threat landscape continues to grow as the attacks and evasion maneuvers of threat actors makes the task of detecting and tracking cyberattacks increasingly challenging.

See All Hacker's Corner

Attack Types & Tools

The Big 3 Cyber-Attacks Targeting Proxy Servers
As a facilitator of access to content and networks, proxy servers have become a focal point for those seeking to cause grief to organizations via cyber-attacks due to the fallout a successful assault can have.

See All Attack Types & Tools

Chronicles

Nation-State Cyber Activity Is On The Rise
While some hackers still focus on a specific target—and invest time studying its defense and weaknesses— the year's marquee campaigns were hacking sprees aimed at high volumes of hits.

See All Chronicles

Best Practices & Guidelines

5 Ways Modern Malware Defeats Your Defenses
This piece outlines five common evasion techniques used by modern malware and explains how to mitigate this zero-day threat.

See All Guidelines

C-Suite

Security Risks Equal Business Risks
What are the costs of “cleaning” up after a cyber-attack? What are the potential impacts of these assaults on business, and do partners who interact or share networks with a business pose a security threat?

See All C-Suite

Case Study

Telecom Provider Secures Itself and Its Customers

PenTeleData, a strategic partnership of cable and telephone companies, needed a solution that consistently protects its internal infrastructure and provides the ability to sell DDoS mitigation as a service to its customers.

See All Case Studies

Contact Radware Sales

Our experts will answer your questions, assess your needs, and help you understand which products are best for your business.

Contact Us Now