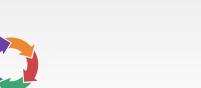
F#RTINET.

OUTBREAK ALERTS





Oracle WebLogic Server Vulnerability Attackers target vulnerable WebLogic servers

https://www.oracle.com/security-alerts/cpujan2023.html

CVEs: CVE-2023-21839

attacker with network access via T3, IIOP, to compromise Oracle WebLogic Server. Successful attacks of this vulnerability can result in unauthorized access to critical data on the Oracle WebLogic Server and the confidentiality impact of the vulnerability is rated as "High".

Known exploited vulnerability in the Oracle WebLogic Server product of Oracle Fusion Middleware. This vulnerability allows an unauthenticated

Background

applications, such as Java, for on-premises and in the cloud. In the previous years, we have seen some other vulnerabilities namely, CVE-2018-3252, CVE-2020-14645 and CVE-2020-2883 in the Oracle WebLogic Server. FortiGuard Labs provided IPS signature protections against these flaws in 2018 and 2020 respectively. According to the IPS telemetry, we can see the attacks are still active in 2023. Go to Additional Resources for full Threat Encyclopedia.

Oracle WebLogic Server is a unified and extensible platform for developing, deploying and running enterprise

Announced

January, 2023: Oracle released a critical patch update advisory. The affected versions of Oracle WebLogic server include 12.2.1.3.0, 12.2.1.4.0, 14.1.1.0.0.

Latest Developments

May 1, 2023: CISA added CVE-2023-21839 in CISA's Known Exploited Vulnerabilities Catalog (KEV). May 2, 2023: FortiGuards Labs released a Threat Signal on the vulnerability

https://www.fortiguard.com/threat-signal-report/5154

https://www.oracle.com/security-alerts/cpujan2023.html

the vendor advisory. **PROTECT**

FortiGuard Labs has released an IPS signature to detect and block attack attempts targeting vulnerable Oracle WebLogic Server and also recommends organizations to review and patch affected versions as recommended in



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

Reconnaissance

Detects attack attempts related to Oracle WebLogic Server Vulnerability and prevents lateral movement on the

Lure

network segment



network segment

FortiDeceptor

Detects attack attempts related to Oracle WebLogic Server Vulnerability and prevents lateral movement on the



IPS

Exploitation

FortiADC FortiGate FortiNDR FortiSASE FortiProxy

DB 23.547

Detects and blocks attack attempts related to Oracle WebLogic Server Vulnerability (CVE-2023-21839)



Post-execution









DB 23.547



FortiEDR

v4.0+

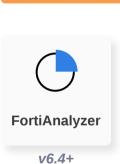
Detects and blocks post exploitation activity related to known and unkown malware



Find and correlate important information to identify an outbreak, the following updates are available to raise alert and generate reports:

Outbreak Detection

DETECT



FortiAnalyzer

DB 2.00002

Threat Hunting

Content Update





Assisted Response Services

RESPOND

Automated Response

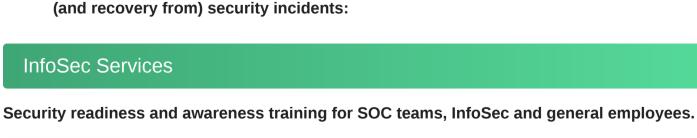
Develop containment techniques to mitigate impacts of security events:

Response ACI

FortiRecon:

RECOVER

Services that can automatically respond to this outbreak.



Incident



Response

Readiness

IDENTIFY

Identify processes and assets that need protection: Attack Surface Monitoring (Inside & Outside)

Security reconnaissance and penetration testing services, covering both internal & external attack vectors,

Improve security posture and processes by implementing security awareness and training, in preparation for

including those introduced internally via software supply chain.





FortiRecon: **Security EASM** Rating

Additional Resources

https://www.cisa.gov/known-exploited-vulnerabilities-catalog

https://www.fortiguard.com/encyclopedia/ips/49001

FortiGuard IPS for CVE-2018https://www.fortiguard.com/encyclopedia/ips/47154 3252

Learn more about FortiGuard Outbreak Alerts

FortiGuard IPS for CVE-2020-

14645 & CVE-2020-2883

CISA KEV