



CVE-2020-2883

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CVE-2020-2883

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Weblogic Server](#) from [Oracle](#) contain the following vulnerability:

Vulnerability in the Oracle WebLogic Server product of Oracle Fusion Middleware (component: Core). Supported versions that are affected are 10.3.6.0.0, 12.1.3.0.0, 12.2.1.3.0 and 12.2.1.4.0. Easily exploitable vulnerability allows unauthenticated attacker with network access via IOP, T3 to compromise Oracle WebLogic Server. Successful attacks

of this vulnerability can result in takeover of Oracle WebLogic Server. CVSS 3.0 Base Score 9.8 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H).

CVE-2020-2883 has been assigned by secalert_us@oracle.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Oracle Corporation - WebLogic Server** version = **10.3.6.0.0**

Affected Vendor/Software: **Oracle Corporation - WebLogic Server** version = **12.1.3.0.0**

Affected Vendor/Software: **Oracle Corporation - WebLogic Server** version = **12.2.1.3.0**

Affected Vendor/Software: **Oracle Corporation - WebLogic Server** version = **12.2.1.4.0**

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
ZDI-20-570 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-570/
Oracle Critical Patch Update Advisory - April 2020	Vendor Advisory www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpuapr2020.html
WebLogic Server Deserialization Remote Code Execution ~ Packet Storm	packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/157950/WebLogic-Server-Deserialization-Remote-Code-Execution.html
ZDI-20-504 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-504/

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

weblogic 漏洞扫描工具。目前包含对以下漏洞的检测能力：CVE-2014-4210、CVE-2016-0638、CVE-2016-3510、CVE-2017-3248、CVE-2017-3506、CVE-2017-10271、C...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Weblogic Server	10.3.6.0.0	All	All	All
Application	Oracle	Weblogic Server	12.1.3.0.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All	All	All
Application	Oracle	Weblogic Server	10.3.6.0.0	All	All	All
Application	Oracle	Weblogic Server	12.1.3.0.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All	All	All
cpe:2.3:a:oracle:weblogic_server:10.3.6.0.0:*****:						
cpe:2.3:a:oracle:weblogic_server:12.1.3.0.0:*****:						
cpe:2.3:a:oracle:weblogic_server:12.2.1.3.0:*****:						

cpe:2.3:a:oracle:weblogic_server:12.2.1.4.0:*****:
cpe:2.3:a:oracle:weblogic_server:10.3.6.0.0:*****:
cpe:2.3:a:oracle:weblogic_server:12.1.3.0.0:*****:
cpe:2.3:a:oracle:weblogic_server:12.2.1.3.0:*****:
cpe:2.3:a:oracle:weblogic_server:12.2.1.4.0:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @ipssignatures	It's new to me that Hillstone has a protection/signature/rule for the vulnerability CVE-2020-2883.... twitter.com/i/web/status/1...	2021-09-06 05:02:02
 @ipssignatures	I know 4 other IPSs that have protections/signatures/rules for the vulnerability CVE-2020-2883. ipssignatures.appspot.com/?cve=CVE-2020-... #S6qwkxguzbaees	2021-09-06 05:02:02
 @infinityABCDE	vulmap version 0.3 github.com/zhzyker/vulmap 新蹭 Weblogic CVE-2020-14882 新蹭 Weblogic CVE-2020-2883 新蹭 Weblogic CVE-202... twitter.com/i/web/status/1...	2021-09-16 13:06:07
 @m0rb	(ex: CVE-2020-2555, CVE-2020-2883, CVE-2020-14645)	2022-03-02 22:53:35

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