



CVE-2020-14756

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



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

Vulnerability in the Oracle Coherence product of Oracle Fusion Middleware (component: Core Components). Supported versions that are affected are 3.7.1.0, 12.1.3.0.0, 12.2.1.3.0, 12.2.1.4.0 and 14.1.1.0.0. Easily exploitable vulnerability allows unauthenticated attacker with network access via IOP, T3 to compromise Oracle

Coherence. Successful attacks of this vulnerability can result in takeover of Oracle Coherence. CVSS 3.1 Base Score 9.8 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H).

CVE-2020-14756 has been assigned by [secalert_us@oracle.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

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
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Oracle Critical Patch Update Advisory - January 2022

[www.oracle.com](http://www.oracle.com/text/html)
text/html

MISC www.oracle.com/security-alerts/cpujan2022.html

Oracle Critical Patch Update Advisory - January 2021

Vendor Advisory
www.oracle.com
text/html

MISC www.oracle.com/security-alerts/cpujan2021.html

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

CVE-2021-1994、CVE-2021-2047、CVE-2021-2064、CVE-2021-2108、CVE-2021-2075、
CVE-2019-17195、CVE-2020-14756、CVE-2021-2109

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Coherence	12.1.3.0.0	All	All	All
Application	Oracle	Coherence	12.2.1.3.0	All	All	All
Application	Oracle	Coherence	12.2.1.4.0	All	All	All
Application	Oracle	Coherence	14.1.1.0.0	All	All	All
Application	Oracle	Coherence	3.7.1.0	All	All	All
Application	Oracle	Coherence	12.1.3.0.0	All	All	All
Application	Oracle	Coherence	12.2.1.3.0	All	All	All
Application	Oracle	Coherence	12.2.1.4.0	All	All	All
Application	Oracle	Coherence	14.1.1.0.0	All	All	All
Application	Oracle	Coherence	3.7.1.0	All	All	All
Application	Oracle	Utilities Framework	4.2.0.2.0	All	All	All
Application	Oracle	Utilities Framework	4.2.0.3.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.0.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.2.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.3.0	All	All	All
Application	Oracle	Utilities Framework	All	All	All	All

cpe:2.3:a:oracle:coherence:12.1.3.0.0:*****:

cpe:2.3:a:oracle:coherence:12.2.1.3.0:*****:

cpe:2.3:a:oracle:coherence:12.2.1.4.0:*****:

cpe:2.3:a:oracle:coherence:14.1.1.0.0:*****:
cpe:2.3:a:oracle:coherence:3.7.1.0:*****:
cpe:2.3:a:oracle:coherence:12.1.3.0.0:*****:
cpe:2.3:a:oracle:coherence:12.2.1.3.0:*****:
cpe:2.3:a:oracle:coherence:12.2.1.4.0:*****:
cpe:2.3:a:oracle:coherence:14.1.1.0.0:*****:
cpe:2.3:a:oracle:coherence:3.7.1.0:*****:
cpe:2.3:a:oracle:utilities_framework:4.2.0.2.0:*****:
cpe:2.3:a:oracle:utilities_framework:4.2.0.3.0:*****:
cpe:2.3:a:oracle:utilities_framework:4.4.0.0.0:*****:
cpe:2.3:a:oracle:utilities_framework:4.4.0.2.0:*****:
cpe:2.3:a:oracle:utilities_framework:4.4.0.3.0:*****:
cpe:2.3:a:oracle:utilities_framework:*****:

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @ipssignatures	It's new to me that Astaro has a protection/signature/rule for the vulnerability CVE-2020-14756.... twitter.com/i/web/status/1...	2021-04-10 15:02:01
 @ipssignatures	I know 2 other IPSs that have protections/signatures/rules for the vulnerability CVE-2020-14756. ipssignatures.appspot.com/?cve=CVE-2020-... #Sokanu5z6dacq4	2021-04-10 15:02:02
 @Har_sia	CVE-2020-14756 har-sia.info/CVE-2020-14756... #HarsialInfo	2021-04-11 18:30:03
 @buaqbot	WebLogic CVE-2020-14756 T3/IOP 反序列化RCE ift.tt/0oIKluU ift.tt/SwP6vjt	2022-03-11 03:38:14

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