



CVE-2020-14642

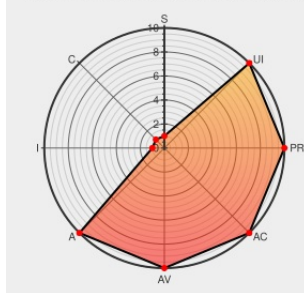
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CVE-2020-14642

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

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



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

Vulnerability in the Oracle Coherence product of Oracle Fusion Middleware (component: CacheStore). 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 HTTP to compromise Oracle Coherence.

Successful attacks of this vulnerability can result in unauthorized ability to cause a hang or frequently repeatable crash (complete DOS) of Oracle Coherence. CVSS 3.1 Base Score 7.5 (Availability impacts). CVSS Vector: (CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H).

CVE-2020-14642 has been assigned by [secalert_us@oracle.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Oracle Corporation](#) - **Coherence** version = **3.7.1.0**

Affected Vendor/Software: [Oracle Corporation](#) - **Coherence** version = **12.1.3.0.0**

Affected Vendor/Software: [Oracle Corporation](#) - **Coherence** version = **12.2.1.3.0**

Affected Vendor/Software: [Oracle Corporation](#) - **Coherence** version = **12.2.1.4.0**

Affected Vendor/Software: [Oracle Corporation](#) - **Coherence** version = **14.1.1.0.0**

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **7.8 - HIGH**

Access Vector	Access Complexity	Authentication
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Control	Complexity	Impact
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Oracle Critical Patch Update Advisory - July 2020	Vendor Advisory www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpujul2020.html

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There are currently no QIDs associated with this CVE

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

```
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:*****:

No vendor comments have been submitted for this CVE

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