

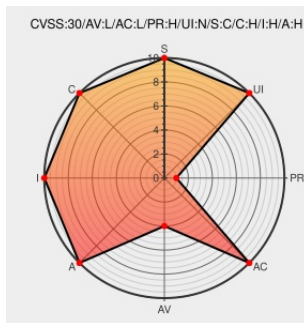


CVE-2019-2516

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CVE-2019-2516

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

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

Vulnerability in the Portable Clusterware component of Oracle Database Server. Supported versions that are affected are 11.2.0.4, 12.1.0.2, 12.2.0.1 and 18c. Easily exploitable vulnerability allows high privileged attacker having Grid Infrastructure User privilege with logon to the infrastructure where Portable Clusterware executes to

compromise Portable Clusterware. While the vulnerability is in Portable Clusterware, attacks may significantly impact additional products. Successful attacks of this vulnerability can result in takeover of Portable Clusterware. CVSS 3.0 Base Score 8.2 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H).

CVE-2019-2516 has been assigned by [secalert_us@oracle.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Oracle Corporation](#) - **Oracle Database** version = **11.2.0.4**

Affected Vendor/Software: [Oracle Corporation](#) - **Oracle Database** version = **12.1.0.2**

Affected Vendor/Software: [Oracle Corporation](#) - **Oracle Database** version = **12.2.0.1**

Affected Vendor/Software: [Oracle Corporation](#) - **Oracle Database** version = **18c**

CVSS3 Score: **8.2 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
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LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Oracle Critical Patch Update - April 2019	Patch Vendor Advisory web.archive.org text/html Inactive Link Not Archived	MISC www.oracle.com/technetwork/security-advisory/cpuapr2019-5072813.html

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Related QID Numbers

- 20282 Oracle Database 18c Critical OJVM Patch Update - April 2019
- 20293 Oracle Database 12.2.0.1 Critical OJVM Patch Update - April 2019

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Database Server	11.2.0.4	All	All	All
Application	Oracle	Database Server	12.1.0.2	All	All	All
Application	Oracle	Database Server	12.2.0.1	All	All	All
Application	Oracle	Database Server	18c	All	All	All
Application	Oracle	Database Server	11.2.0.4	All	All	All
Application	Oracle	Database Server	12.1.0.2	All	All	All
Application	Oracle	Database Server	12.2.0.1	All	All	All
Application	Oracle	Database Server	18c	All	All	All

cpe:2.3:a:oracle:database_server:11.2.0.4:*****:

cpe:2.3:a:oracle:database_server:12.1.0.2:*****:

cpe:2.3:a:oracle:database_server:12.2.0.1:*****:

cpe:2.3:a:oracle:database_server:18c:*****:

cpe:2.3:a:oracle:database_server:11.2.0.4:*****:

cpe:2.3:a:oracle:database_server:12.1.0.2:*****:

cpe:2.3:a:oracle:database server:12.2.0.1:*****:

cpe:2.3:a:oracle:database_server:18c:*****:

No vendor comments have been submitted for this CVE

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