

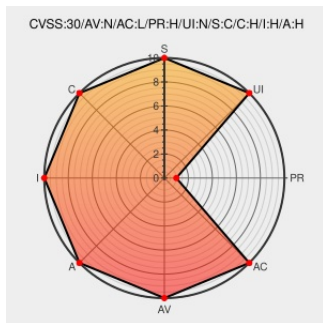


CVE-2019-2517

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CVE-2019-2517

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

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

Vulnerability in the Core RDBMS component of Oracle Database Server. Supported versions that are affected are 12.2.0.1 and 18c. Easily exploitable vulnerability allows high privileged attacker having DBFS_ROLE privilege with network access via Oracle Net to compromise Core RDBMS. While the vulnerability is in Core RDBMS,

attacks may significantly impact additional products. Successful attacks of this vulnerability can result in takeover of Core RDBMS. CVSS 3.0 Base Score 9.1 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H).

CVE-2019-2517 has been assigned by secalert_us@oracle.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Oracle Corporation - Oracle Database** version = 12.2.0.1

Affected Vendor/Software: **Oracle Corporation - Oracle Database** version = 18c

CVSS3 Score: **9.1 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	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
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	12.2.0.1	All	All	All
Application	Oracle	Database Server	18c	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:12.2.0.1:****:****:.						
cpe:2.3:a:oracle:database_server:18c:****:****:.						
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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