



CVE-2020-2974

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

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

Vulnerability in the Oracle Application Express component of Oracle Database Server. Supported versions that are affected are 5.1-19.2. Easily exploitable vulnerability allows low privileged attacker having SQL Workshop privilege with network access via HTTP to compromise Oracle Application Express. Successful attacks require human

interaction from a person other than the attacker and while the vulnerability is in Oracle Application Express, attacks may significantly impact additional products. Successful attacks of this vulnerability can result in unauthorized update, insert or delete access to some of Oracle Application Express accessible data as well as unauthorized read access to a subset of Oracle Application Express accessible data. CVSS 3.1 Base Score 5.4 (Confidentiality and Integrity impacts). CVSS Vector: (CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N).

CVE-2020-2974 has been assigned by [secalert_us@oracle.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Oracle Corporation - Application Express** version = 5.1-19.2

CVSS3 Score: **5.4 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	LOW	LOW	NONE

CVSS2 Score: **3.5 - LOW**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact

NONE

PARTIAL

NONE

CVE References

Description	Tags	Link
Oracle Critical Patch Update Advisory - July 2020	Patch 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	Application Express	All	All	All	All

cpe:2.3:a:oracle:application_express:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

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