



CVE-2016-5495

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-5495
State	PUBLISHED
Assigner	oracle
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-25 14:29:30 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Unspecified vulnerability in the Oracle Discoverer component in Oracle Fusion Middleware 11.1.1.7.0 allows remote attackers to execute arbitrary code or cause a denial of service (memory consumption) via a crafted XML document. The vulnerability is due to a buffer overflow in the XML parser. The attacker can exploit this by sending a crafted XML document to the Oracle Discoverer component, which will cause a buffer overflow and crash the application. The vulnerability is not present in Oracle Fusion Middleware 11.1.1.7.0 Patch Set 1. The vulnerability is present in Oracle Fusion Middleware 11.1.1.7.0 Patch Set 2 and later.

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

EPSS: 0.002740000 probability, percentile 0.506880000 (date 2026-05-08)

Problem Types: CWE-200 | CWE-284 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

None

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:L/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Discoverer	11.1.1.7.0	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference
Oracle Fusion Middleware Bugs Let Remote and Local Users Access and Modify Data and Deny Service and Let Remote Users Gain Elevate
Oracle Critical Patch Update - October 2016
Oracle Fusion Middleware CVE-2016-5495 Remote Security Vulnerability
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

There are currently no legacy OID mappings associated with this CVE.

There are currently no legacy QID mappings associated with this CVE.

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