



CVE-2020-24231

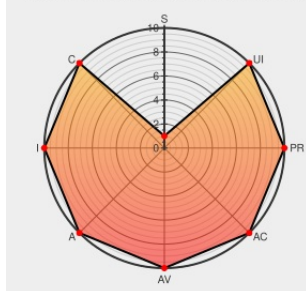
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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



Certain versions of [Symmetricds](#) from [Jumpmind](#) contain the following vulnerability:

Symmetric DS <3.12.0 uses mx4j to provide access to JMX over HTTP. mx4j, by default, has no auth and is available on all interfaces. An attacker can interact with JMX: get system info, and invoke MBean methods. It is possible to install additional MBeans from a remote host using MLet that leads to arbitrary code execution.

CVE-2020-24231 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	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
0004263: mx4j without auth - SymmetricDS - Issue Tracker	Vendor Advisory www.symmetricds.org text/html	MISC www.symmetricds.org/issues/view.php?id=4263

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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	Jumpmind	Symmetricds	All	All	All	All
Application	Jumpmind	Symmetricds	All	All	All	All
cpe:2.3:a:jumpmind:symmetricds:*:*:*:*:*:*						
cpe:2.3:a:jumpmind:symmetricds:*:*:*:*:*:*						

No vendor comments have been submitted for this CVE

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