CVE-2018-12549

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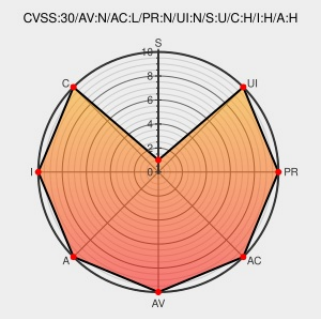
CVE-2018-12549

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Openj9 from Eclipse contain the following vulnerability:

In Eclipse OpenJ9 version 0.11.0, the OpenJ9 JIT compiler may incorrectly omit a null check on the receiver object of an Unsafe call when accelerating it.

CVE-2018-12549 has been assigned by security@eclipse.org to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **The Eclipse Foundation** - **Eclipse OpenJ9** version **= 0.11.0**

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
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2019:1238

Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2019:0640
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2019:0469
544019 – (CVE-2018-12549) OpenJ9 may fail to null check the receiver of an unsafe call	Issue Tracking Mitigation Vendor Advisory bugs.eclipse.org text/html	CONFIRM bugs.eclipse.org/bugs/show_bug.cgi?id=544019
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2019:0472

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Eclipse	Openj9	0.11.0	All	All	All
Application	Eclipse	Openj9	0.11.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating	Redhat	Enterprise Linux Workstation	6.0	All	All	All

System						
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Satellite	5.8	All	All	All
Application	Redhat	Satellite	5.8	All	All	All

cpe:2.3:a:eclipse:openj9:0.11.0:*:*:*:*:*:*:*:

cpe:2.3:a:eclipse:openj9:0.11.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:satellite:5.8:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:satellite:5.8:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→