

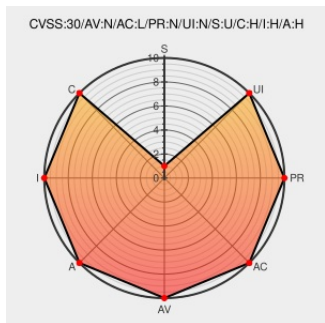


CVE-2018-12549

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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

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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	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 System	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 →