CVE-2019-14887

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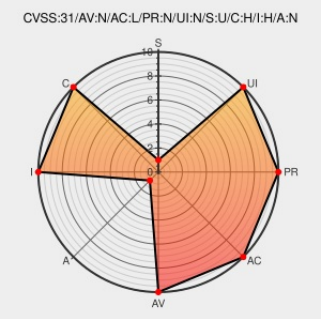

Certain versions of Jboss Data Grid from Redhat contain the following vulnerability:

A flaw was found when an OpenSSL security provider is used with Wildfly, the 'enabled-protocols' value in the Wildfly configuration isn't honored. An attacker could target the traffic sent from Wildfly and downgrade the connection to a weaker version of TLS, potentially breaking the encryption. This could lead to a leak of the data being passed over the network. Wildfly version 7.2.0.GA, 7.2.3.GA and 7.2.5.CR2 are believed to be vulnerable.

CVE-2019-14887 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Red Hat** - **wildfly** version **= 7.2.0.GA, 7.2.3.GA, 7.2.5.CR2**

CVSS3 Score: 9.1 - CRITICAL

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	NONE

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
1772008 – (CVE-2019-14887) CVE-2019-14887 wildfly: The 'enabled-protocols' value in legacy security is not respected if OpenSSL security provider is in use	Issue Tracking Vendor Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-14887
Login server redirect	Permissions Required issues.redhat.com text/html	CONFIRM issues.redhat.com/browse/JBEAP-17965
CVE-2019-14887 Wildfly Vulnerability in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20200327-0007/

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Jboss Data Grid	7.0.0	All	All	All
Application	Redhat	Jboss Data Grid	7.0.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.0.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.0.0	All	All	All
Application	Redhat	Jboss Fuse	7.0.0	All	All	All
Application	Redhat	Jboss Fuse	7.0.0	All	All	All
Application	Redhat	Openshift Application Runtimes	-	All	All	All
Application	Redhat	Openshift Application Runtimes	-	All	All	All
Application	Redhat	Single Sign-on	7.0	All	All	All
Application	Redhat	Single Sign-on	7.0	All	All	All
Application	Redhat	Wildfly	7.2.0	general_availability	All	All
Application	Redhat	Wildfly	7.2.3	general_availability	All	All
Application	Redhat	Wildfly	7.2.5	cr2	All	All
Application	Redhat	Wildfly	7.2.0	general_availability	All	All
Application	Redhat	Wildfly	7.2.3	general_availability	All	All
Application	Redhat	Wildfly	7.2.5	cr2	All	All

cpe:2.3:a:redhat:jboss_data_grid:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_data_grid:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_enterprise_application_platform:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_enterprise_application_platform:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_fuse:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:jboss_fuse:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_application_runtimes:-:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_application_runtimes:-:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:single_sign-on:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:single_sign-on:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:wildfly:7.2.0:general_availability:*:*:*:*:*:*:

cpe:2.3:a:redhat:wildfly:7.2.3:general_availability:*:*:*:*:*:*:

cpe:2.3:a:redhat:wildfly:7.2.5:cr2:*:*:*:*:*:*:

cpe:2.3:a:redhat:wildfly:7.2.0:general_availability:*:*:*:*:*:*:

cpe:2.3:a:redhat:wildfly:7.2.3:general_availability:*:*:*:*:*:*:

cpe:2.3:a:redhat:wildfly:7.2.5:cr2:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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