CVE-2018-14632

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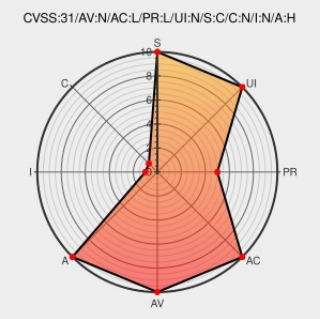

Certain versions of Json-patch from Json-patch Project contain the following vulnerability:

An out of bound write can occur when patching an Openshift object using the 'oc patch' functionality in OpenShift Container Platform before 3.7. An attacker can use this flaw to cause a denial of service attack on the Openshift master api service which provides cluster management.

CVE-2018-14632 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Red Hat** - **atomic-openshift** version **atomic-openshift-3.7**

CVSS3 Score: 7.7 - HIGH

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

CVSS2 Score: 4 - MEDIUM

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

CVE References

Description	Tags	Link
Red Hat Customer Portal	Vendor Advisory access.redhat.com text/html	REDHAT RHSA-2018:2908

Red Hat Customer Portal	Vendor Advisory access.redhat.com text/html	REDHAT RHBA-2018:2652
Red Hat Customer Portal	Vendor Advisory access.redhat.com text/html	REDHAT RHSA-2018:2709
fix check idx index · evanphx/json-patch@4c9aadc · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/evanphx/json-patch/commit/4c9aadca8f89e349c999f04e28199e96e81aba03#diff-65c563bba473be9d94ce4d033f74810e
1625885 – (CVE-2018-14632) CVE-2018-14632 atomic-openshift: oc patch with json causes masterapi service crash	Issue Tracking Patch Vendor Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2018-14632
Red Hat Customer Portal	Vendor Advisory access.redhat.com text/html	REDHAT RHSA-2018:2906
Red Hat Customer Portal	Vendor Advisory access.redhat.com text/html	REDHAT RHSA-2018:2654

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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	Json-patch Project	Json-patch	-	All	All	All
Application	Json-patch Project	Json-patch	-	All	All	All
Application	Json-patch Project	Json-patch	-	All	All	All
Application	Redhat	Openshift Container Platform	3.10	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	3.9	All	All	All
Application	Redhat	Openshift Container Platform	3.10	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	3.9	All	All	All
Application	Redhat	Openshift Container Platform	All	All	All	All
Application	Starcounter-jack	Json-patch	-	All	All	All

cpe:2.3:a:json-patch_project:json-patch:-:*:*:*:*:*:*:*:

cpe:2.3:a:json-patch_project:json-patch:-:*:*:*:*:*:*:go:

cpe:2.3:a:json-patch_project:json-patch:-:*:*:*:*:*:*:go:

cpe:2.3:a:redhat:openshift_container_platform:3.10:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:3.11:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:3.9:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:3.10:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:3.11:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:3.9:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:*:*:*:*:*:*:*:*:

cpe:2.3:a:starcounter-jack:json-patch:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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