



CVE-2023-4456

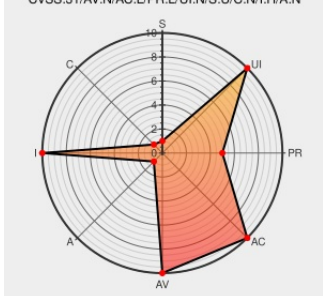
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CVE-2023-4456

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

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



Certain versions of [Openshift Logging](#) from [Redhat](#) contain the following vulnerability:

A flaw was found in openshift-logging LokiStack. The key used for caching is just the token, which is too broad. This issue allows a user with a token valid for one action to execute other actions as long as the authorization allowing the original action is still cached.

CVE-2023-4456 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Red Hat - RHOL-5.5-RHEL-8** version **not down converted**

Affected Vendor/Software: **Red Hat - RHOL-5.6-RHEL-8** version **not down converted**

Affected Vendor/Software: **Red Hat - RHOL-5.7-RHEL-8** version **not down converted**

CVSS3 Score: **6.5 - MEDIUM**

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

CVE References

Description	Tags	Link
Red Hat	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2023:4933
cve-details	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2023-4456
Red Hat	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2023:4933

text/html

access.redhat.com/errata/RHSA-2023:5096

2233087 – (CVE-2023-4456) CVE-2023-4456 openshift-logging: LokiStack authorisation is cached too broadly

bugzilla.redhat.com

text/html

MISC

bugzilla.redhat.com/show_bug.cgi?id=2233087

Red Hat

access.redhat.com

text/html

MISC

access.redhat.com/errata/RHSA-2023:5095

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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	Redhat	Openshift Logging	All	All	All	All

cpe:2.3:a:redhat:openshift_logging:*****:.*

No vendor comments have been submitted for this CVE

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