# CVE-2023-4456

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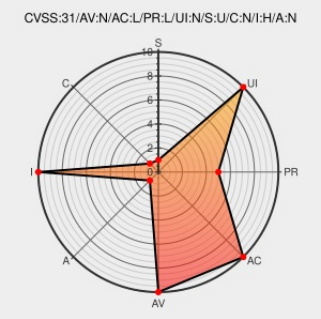
## CVE-2023-4456

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




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 | MISC |

| | | |
|---|---|---|
| | 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 |



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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