

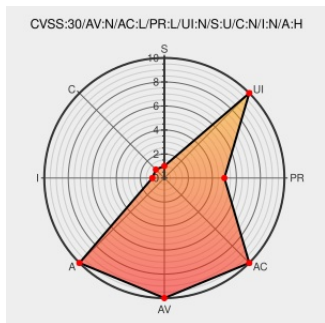


# CVE-2017-16818

Published on: 12/20/2017 12:00:00 AM UTC

Last Modified on: 11/07/2023 02:40:00 AM UTC

## CVE-2017-16818

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

Certain versions of [Fedora](#) from [Fedoraproject](#) contain the following vulnerability:

RADOS Gateway in Ceph 12.1.0 through 12.2.1 allows remote authenticated users to cause a denial of service (assertion failure and application exit) by leveraging "full" (not necessarily admin) privileges to post an invalid profile to the admin API, related to rgw/rgw\_iam\_policy.cc, rgw/rgw\_basic\_types.h, and

rgw/rgw\_iam\_types.h.

CVE-2017-16818 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **4 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                                                | Tags                                                                 | Link                                          |
|------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------|
| [SECURITY] Fedora 27 Update: ceph-12.2.2-1.fc27 - package- | <a href="#">lists.fedoraproject.org</a><br><a href="#">text/html</a> | <a href="#">FEDORA FEDORA-2017-97b730736f</a> |

announce - Fedora Mailing-Lists

rgw: Remove assertions in IAM Policy · ceph/ceph@b3118ca · GitHub

Patch

Third Party Advisory

github.com

text/html

CONFIRM

github.com/ceph/ceph/commit/b3118cabb8060a8cc6a01c4e8264cb18e7b1745a

1515872 – (CVE-2017-16818)  
CVE-2017-16818 ceph: Failed assertion through user input in ceph\_assert() function in rgw\_iam\_policy.cc

Issue Tracking

Patch

Third Party Advisory

bugzilla.redhat.com

text/html

CONFIRM

bugzilla.redhat.com/show\_bug.cgi?id=1515872

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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 |
|------------------|-------------------------------|------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a> | 27      | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a> | 27      | All    | All     | All      |
| Application      | <a href="#">Redhat</a>        | <a href="#">Ceph</a>   | All     | All    | All     | All      |

cpe:2.3:o:fedoraproject:fedora:27:\*\*\*\*\*:

cpe:2.3:o:fedoraproject:fedora:27:\*\*\*\*\*:

cpe:2.3:a:redhat:ceph:\*\*\*\*\*:

No vendor comments have been submitted for this CVE

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Next ID →