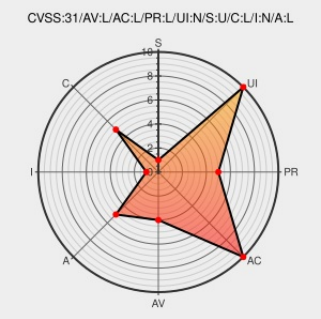
CVE-2020-10697

Published on: 05/27/2021 12:00:00 AM UTC

Last Modified on: 10/25/2022 04:10:00 PM UTC

CVE-2020-10697

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



Certain versions of Ansible Tower from Redhat contain the following vulnerability:

A flaw was found in Ansible Tower when running Openshift. Tower runs a memcached, which is accessed via TCP. An attacker can take advantage of writing a playbook polluting this cache, causing a denial of service attack. This attack would not completely stop the service, but in the worst-case scenario, it can reduce the Tower performance, for which memcached is designed. Theoretically, more sophisticated attacks can be performed by manipulating and crafting the cache, as Tower relies on memcached as a place to pull out setting values. Confidential and sensitive data stored in memcached should not be pulled, as this information is encrypted. This flaw affects Ansible Tower versions before 3.6.4, Ansible Tower versions before 3.5.6 and Ansible Tower versions before 3.4.6.

CVE-2020-10697 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 4.4 - MEDIUM

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

CVSS2 Score: 3.6 - LOW

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

CVE References

Description	Tags	Link
1818445 – (CVE-2020-10697) CVE-2020-10697 Tower: memcached deployment is insecure on OpenShift	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1818445

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Ansible Tower	All	All	All	All

cpe:2.3:a:redhat:ansible_tower:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-10697 : A flaw was found in Ansible Tower when running Openshift. Tower runs a memcached, which is accesse… twitter.com/i/web/status/1…	2021-05-27 19:07:37
/r/netcve	CVE-2020-10697	2021-05-27 19:41:31

← Previous ID

Next ID→