CVE-2020-10737

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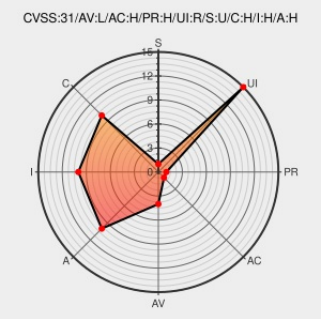

Certain versions of Oddjob from Redhat contain the following vulnerability:

A race condition was found in the mkhomedir tool shipped with the oddjob package in versions before 0.34.5 and 0.34.6 wherein, during the home creation, mkhomedir copies the /etc/skel directory into the newly created home and changes its ownership to the home's user without properly checking the homedir path. This flaw allows an attacker to leverage this issue by creating a symlink point to a target folder, which then has its ownership transferred to the new home directory's unprivileged user.

CVE-2020-10737 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Red Hat** - **oddjob** version **before 0.34.5**

Affected Vendor/Software: **Red Hat** - **oddjob** version **before 0.34.6**

CVSS3 Score: 6.3 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	HIGH	HIGH	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 3.7 - LOW

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

CVE References

Description	Tags	Link
Commit - oddjob - 10b8aaa1564b723a005b53acc069df71313f4cac - Pagure.io	Patch Third Party Advisory pagure.io text/html	CONFIRM pagure.io/oddjob/c/10b8aaa1564b723a005b53acc069df71313f4cac?branch
1833042 – (CVE-2020-10737) CVE-2020-10737 oddjob: race condition in oddjob_selinux_mkdir function in mkhomedir.c can lead to symlink attack	Issue Tracking Vendor Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2020-10737

Related QID Numbers

377558 Alibaba Cloud Linux Security Update for oddjob (ALINUX3-SA-2022:0053)

940421 AlmaLinux Security Update for oddjob (ALSA-2020:4687)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Oddjob	All	All	All	All
Application	Redhat	Oddjob	All	All	All	All

cpe:2.3:a:redhat:oddjob:*:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:oddjob:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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