

Bug 2060129 (CVE-2022-0852) - CVE-2022-0852 convert2rhel: Red Hat account password passed via command line by code

Keywords: Security ×

Status: CLOSED ERRATA

Alias: CVE-2022-0852

Product: Security Response

Component: vulnerability

Version: unspecified

Hardware: All

OS: Linux

Priority: high

Severity: high

Target ---
Milestone:

Assignee: Red Hat Product Security

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On: 2060225 2060226 2077963

Blocks: 2054854

TreeView+ [depends on](#) / [blocked](#)

Reported: 2022-03-02 19:09 UTC by Todd Cullum

Modified: 2022-07-06 15:43 UTC ([History](#))

CC List: 5 users ([show](#))

Fixed In Version:

Doc Type: If docs needed, set a value

Doc Text: There is a flaw in convert2rhel. convert2rhel passes the Red Hat account password to subscription-manager via the command line, which could allow unauthorized users locally on the machine to view the password via the process command line via e.g. htop or ps. The specific impact varies upon the privileges of the Red Hat account in question, but it could affect the integrity, availability, and/or data confidentiality of other systems that are administered by that account. This occurs regardless of how the password is supplied to convert2rhel.

Clone Of:

Environment:

Last Closed: 2022-04-27 11:45:33 UTC

Attachments	(Terms of Use)
Add an attachment (proposed patch, testcase, etc.)	

Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHSA-2022:1599	0	None	None	None	2022-04-27 06:28:51 UTC
Red Hat	RHSA-2022:1617	0	None	None	None	2022-04-27

Product Errata						07:22:39 UTC
Red Hat Product Errata	RHSA-2022:1618	0	None	None	None	2022-04-27 07:23:31 UTC

Todd Cullum 2022-03-02 19:09:41 UTC

[Description](#)

In convert2rhel's subscription.py file, code to register a system passes the password via the commandline. This could result in disclosure of the password to all users with local access to the system.

Reference:

1.
<https://github.com/oamg/convert2rhel/blob/main/convert2rhel/subscription.py#L156>

errata-xmllrpc 2022-04-27 06:28:49 UTC

[Comment 3](#)

This issue has been addressed in the following products:

Convert2RHEL for RHEL-8

Via RHSA-2022:1599 <https://access.redhat.com/errata/RHSA-2022:1599>

errata-xmllrpc 2022-04-27 07:22:36 UTC

[Comment 4](#)

This issue has been addressed in the following products:

Convert2RHEL for RHEL-7

Via RHSA-2022:1617 <https://access.redhat.com/errata/RHSA-2022:1617>

errata-xmllrpc 2022-04-27 07:23:29 UTC

[Comment 5](#)

This issue has been addressed in the following products:

Convert2RHEL for RHEL-6

Via RHSA-2022:1618 <https://access.redhat.com/errata/RHSA-2022:1618>

This bug is now closed. Further updates for individual products will be reflected on the CVE page(s):

<https://access.redhat.com/security/cve/cve-2022-0852>

Note

You need to [log in](#) before you can comment on or make changes to this bug.

