CVE-2022-2333

Published on: Not Yet Published

Last Modified on: 09/21/2022 04:10:00 PM UTC

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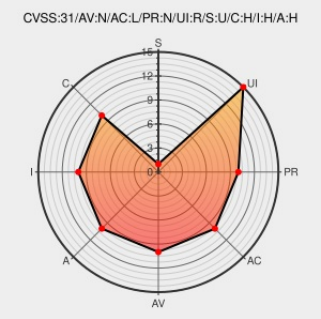

Certain versions of Softmaster from Honeywell contain the following vulnerability:

If an attacker manages to trick a valid user into loading a malicious DLL, the attacker may be able to achieve code execution in Honeywell SoftMaster version 4.51 application's context and permissions.

CVE-2022-2333 has been assigned by ics-cert@hq.dhs.gov to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Honeywell** - **SoftMaster** version **= 4.51**

Vulnerability Patch/Work Around

Honeywell recommends users with potentially affected products take the following steps to protect themselves: Update firmware of vulnerable and affected devices. Isolate systems from the internet or create additional layers of defense to their system from the internet by placing the affected hardware behind a firewall or into a demilitarized zone (DMZ). If remote connections to the network are required, then users should consider using a VPN or other means to ensure secure remote connections into the network where the device is located. More information can be found in the Honeywell Security Notification SN2022-08-31 01 SoftMaster-R4.7

CVSS3 Score: 7.8 - HIGH

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

CVE References

Description	Tags	Link
Honeywell SoftMaster | CISA	www.cisa.gov text/html	CONFIRM www.cisa.gov/uscert/ics/advisories/icsa-22-256-02
	www.security.honeywell.com application/pdf	CONFIRM www.security.honeywell.com/-/media/Security/Resources/PDF/Product-Warranty/Security_Notification_SN_2019-09-13-02_V4-pdf.pdf

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

SXF VPN RCE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Honeywell	Softmaster	4.51	All	All	All

cpe:2.3:a:honeywell:softmaster:4.51:*:*:*:*:*:*:*:

Discovery Credit

Noam Moshe of Claroty Research reported these vulnerabilities to Honeywell.

Social Mentions

Source	Title	Posted (UTC)
@motakasoft	GitHub Trending Archive, 27 Apr 2022, Unknown. shirouQwQ/CVE-2022-2333, hamed98/clean-code-slides, Grasscutters/Gra… twitter.com/i/web/status/1…	2022-04-29 01:30:02
@motakasoft	GitHub Trending Archive, 28 Apr 2022, Unknown. shirouQwQ/CVE-2022-2333, hamed98/clean-code-slides, f0ng/JavaFileDic… twitter.com/i/web/status/1…	2022-04-30 01:30:02
@RedPacketSec	Honeywell SoftMaster code execution | CVE-2022-2333 - redpacketsecurity.com/honeywell-soft… #CVE #Vulnerability #OSINT #ThreatIntel #Cyber	2022-09-15 09:02:00
/r/netcve	CVE-2022-2333	2022-09-16 22:38:50

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