

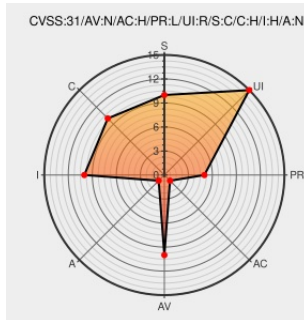


CVE-2020-5242

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CVE-2020-5242 - advisory for GHSA-w698-693g-23hv

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

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

openHAB before 2.5.2 allow a remote attacker to use REST calls to install the EXEC binding or EXEC transformation service and execute arbitrary commands on the system with the privileges of the user running openHAB. Starting with version 2.5.2 all commands need to be whitelisted in a local file which cannot be changed via REST calls.

CVE-2020-5242 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [openhab](#) - [openhab-addons](#) version < 2.5.2

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Exec add-ons allow remote arbitrary command	Third Party Advisory	CONFIRM github.com/openhab/openhab-

execution · Advisory · openhab/openhab-addons · GitHub

github.com

text/html

addons/security/advisories/GHSA-w698-693g-23hv

Merge pull request from GHSA-w698-693g-23hv · openhab/openhab-addons@4c4cb66 · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/openhab/openhab-addons/commit/4c4cb664f2e2c3866aadf117d22fb54aa8dd0031

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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
Application	Openhab	Openhab	All	All	All	All
Application	Openhab	Openhab	All	All	All	All

cpe:2.3:a:openhab:openhab:*****:.*

cpe:2.3:a:openhab:openhab:*****:.*

No vendor comments have been submitted for this CVE

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