



CVE-2021-23556

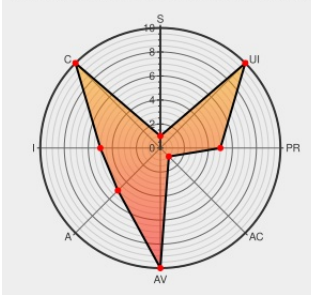
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:H/PR:L/UI:N/S:U/C:H/I:L/A:L/E:P



Certain versions of [Guake](#) from [Guake-project](#) contain the following vulnerability:

The package guake before 3.8.5 are vulnerable to Exposed Dangerous Method or Function due to the exposure of execute_command and execute_command_by_uuid methods via the d-bus interface, which makes it possible for a malicious user to run an arbitrary command via the d-bus method. ****Note:**** Exploitation requires the user to have

installed another malicious program that will be able to send dbus signals or run terminal commands.

CVE-2021-23556 has been assigned by report@snyk.io to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Exposed Dangerous Method	CVE-2021-23556	44 MISC cve.cve.org/CVE/SNYK-PYTHON-GUAKE-235556

Exposed Dangerous Method or Function in guake | CVE-2021-23556 | Snyk

[snyk.io](#)
[text/html](#)

 [MISC snyk.io/vuln/snyk-fythion-guake-235534](#)

Fix arbitrary execution via dbus security flaw by Davidy22 · Pull Request #2017 · Guake/guake · GitHub

[github.com](#)
[text/html](#)

 [MISC github.com/Guake/guake/pull/2017](#)

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[github.com](#)
[text/html](#)

 [MISC github.com/Guake/guake/pull/2017/commits/e3d671120bfe7ba28f50e256cc5e8a629781b888](#)

Releases · Guake/guake · GitHub

[github.com](#)
[text/html](#)

 [MISC github.com/Guake/guake/releases](#)

Security Issue: Exposure of sensitive function, malicious user can arbitrary command via an execute_command dbus method. · Issue #1796 · Guake/guake · GitHub

[github.com](#)
[text/html](#)

 [MISC github.com/Guake/guake/issues/1796](#)

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Related QID Numbers

[183871](#) Debian Security Update for guake (CVE-2021-23556)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Guake-project	Guake	All	All	All	All
cpe:2.3:a:guake-project:guake:*****::						

Discovery Credit

[junorouse](#)

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23556 : The package guake before 3.8.5 are vulnerable to Exposed Dangerous Method or Function due to the e... twitter.com/i/web/status/1...	2022-03-17 11:31:26
 /r/netcve	CVE-2021-23556	2022-03-17 12:38:50

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