



CVE-2021-42561

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

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

An issue was discovered in CALDERA 2.8.1. When activated, the Human plugin passes the unsanitized name parameter to a python "os.system" function. This allows attackers to use shell metacharacters (e.g., backticks `` or dollar parenthesis "\$()") in order to escape the current command and execute arbitrary shell commands.

CVE-2021-42561 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Releases · mitre/caldera · GitHub	github.com text/html	MISC github.com/mitre/caldera/releases
Disclosures/CVE-2021-42561-Command Injection Via the	github.com	MISC

Disclosures/CVE-2021-42561-Command Injection via the Human Plugin-MITRE Caldera at master · DrunkenShells/Disclosures · GitHub

github.com
text/html

github.com/DrunkenShells/Disclosures/tree/master/CVE-2021-42561-Command%20Injection%20Via%20the%20Human%20Plugin-MITRE%20Caldera

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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	Mitre	Caldera	All	All	All	All
cpe:2.3:a:mitre:caldera:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-42561 : An issue was discovered in CALDERA 2.8.1. When activated, the Human plugin passes the unsanitized... twitter.com/i/web/status/1...	2022-01-12 19:08:10
 /r/netcve	CVE-2021-42561	2022-01-12 20:38:21

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