

ATTACKER VALUE ⓘ

VERY HIGH

(9 users assessed)

EXPLOITABILITY ⓘ

VERY HIGH

(9 users assessed)

USER INTERACTION

Unknown

42

Webmin password_change.cgi Command Injection

Disclosure Date: August 16, 2019 · (Last updated 6 years ago)

CVE-2019-15107

⚠️ Exploited in the Wild

Reported by [gdft2112](#) and 1 more...

[View Source Details](#)

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MITRE ATT&CK

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Add MITRE ATT&CK tactics and techniques that apply to this CVE.

Execution

TECHNIQUES	VALIDATION ⓘ
Command and Scripting Interpreter	VALIDATED
Command and Scripting Interpreter: Unix Shell	VALIDATED

Metasploit Module

[exploit/linux/http/webmin_backdoor](#)

CISA KEV Listed

Common in enterprise

Easy to weaponize

Gives privileged access

Observed in ransomware attacks

Unauthenticated

Vulnerable in default configuration

Description

An issue was discovered in Webmin <=1.920. The parameter old in password_change.cgi contains a command injection vulnerability.

[Ratings & Analysis](#)

[Vulnerability Details](#)

Add Assessment

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15

wwu-r7 (435)

100

2

[August 21, 2019 3:12am UTC \(6 years ago\)](#) · Edited 2 years ago

Ratings

ATTACKER VALUE

Very High

EXPLOITABILITY

Very High

ATTACKER VALUE

VERY HIGH

42

Webmin password_change.cgi Command Injection

This was a supply chain attack: [http://www.webmin.com/exploit.html](#). The backdoor was introduced in a version that was “exploitable” in the default install. Version 1.890 is the money. Anything after requires a non-default setting.

Note that SourceForge installs are affected, but GitHub checkouts aren't.

ETA: Metasploit added an [exploit module](#).

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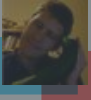
https://attackerkb.com/topics/hxx3zmiCkR/webmin-password-change-cgi-command-injection

1/4

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5

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[busterb \(317\)](#)

50

August 20, 2019 6:37pm UTC (6 years ago) • Edited 6 years ago

Ratings

ATTACKER VALUE

EXPLOITABILITY

Technical Analysis

This is bound to have many vulnerabl

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[ZM-20-20 \(5\)](#)

5

January 30, 2021 1:40am UTC (5 years ago) • Edited 5 years ago

Ratings

ATTACKER VALUE

EXPLOITABILITY

Common in enterprise

Easy to weaponize

Gives privileged access

Technical Analysis

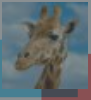
Almost 2 years later and this is still found in the wild.

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[bwatters-r7 \(204\)](#)

40

August 22, 2019 10:22pm UTC (6 years ago) • Edited 6 years ago

Ratings

ATTACKER VALUE

EXPLOITABILITY

Technical Analysis

This is a terrible situation for any development team. A hacker took over a server that managed webmin code and changed the code in a subtle way to allow them (or others) to execute commands as root on computers running Webmin. It took nearly a year and a half for the attack to be discovered and fixed.

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[jrobles-r7 \(40\)](#)

10

August 20, 2019 6:02pm UTC (6 years ago) • Edited 6 years ago

ATTACKER VALUE

VERY HIGH

EXPLOITABILITY

Very High

Technical Analysis

I tested Webmin v1.900 and the password change page was not available by default, however it is a reasonable option to have.

42

Webmin password_change.cgi Command Injection

EXPLOITABILITY

Very High

Technical Analysis

I tested Webmin v1.900 and the password change page was not available by default, however it is a reasonable option to have.

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https://attackerkb.com/topics/hxx3zmiCkR/webmin-password-change-cgi-command-injection

2/4

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[sgonzalez-r7](#) (8)
[August 26, 2019 4:31pm UTC \(6 years ago\)](#) • Edited 6 years ago

Ratings

ATTACKER VALUE

EXPLOITABILITY

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[P1dOf](#) (2)
[July 10, 2020 4:11am UTC \(6 years ago\)](#) • Edited 5 years ago

Ratings

ATTACKER VALUE Very High

EXPLOITABILITY High

Easy to weaponize Unauthenticated

Technical Analysis

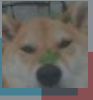
High Vulnerability

Log in to Add Reply

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[69](#) (2)
[February 28, 2020 4:26pm UTC \(6 years ago\)](#) • Edited 6 years ago

Ratings

ATTACKER VALUE Very High

EXPLOITABILITY Very High

Easy to weaponize Gives privileged access

Technical Analysis

This vulnerability is very easy to exploit – without the need for any tools specialized for this attack.

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[KoelhoSec](#) (1)
[April 09, 2021 2:48am UTC \(5 years ago\)](#) • Edited 5 years ago

Ratings

ATTACKER VALUE

VERY HIGH

42

Webmin password_change.cgi Command Injection

Unauthenticated Vulnerable in default configuration

Technical Analysis

MetaSploit module available:
exploit/linux/http/webmin_backdoor



Description:

This module exploits a backdoor in Webmin versions 1.890 through 1.920. Only the SourceForge downloads were backdoored, but they are

See More

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https://attackerkb.com/topics/hxx3zmiCkR/webmin-password-change-cgi-command-injection

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