

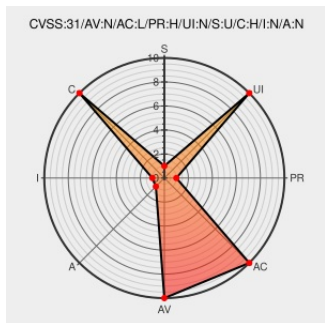


CVE-2020-8256

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CVE-2020-8256

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

Certain versions of [Pulse Connect Secure](#) from [Pulsesecure](#) contain the following vulnerability:

A vulnerability in the Pulse Connect Secure < 9.1R8.2 admin web interface could allow an authenticated attacker to gain arbitrary file reading access through Pulse Collaboration via XML External Entity (XXE) vulnerability.

CVE-2020-8256 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.9 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Forget Your Perimeter Part 2: Four Vulnerabilities in Pulse Connect Secure GoSecure	www.gosecure.net text/html	MISC www.gosecure.net/blog/2020/11/13/forget-your-perimeter-part-2-four-vulnerabilities-in-pulse-connect-secure/
Public KB - SA44588 - 2020-09: Out-of-Cycle Advisory: Multiple vulnerabilities resolved in Pulse	Vendor Advisory kb.pulsesecure.net	MISC kb.pulsesecure.net/articles/Pulse_Security_Advisories/SA44588

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

A vulnerability in the Pulse Connect Secure < 9.1R8.2 admin web interface could allow an authenticated attacker to ga...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Pulsesecure	Pulse Connect Secure	9.1	-	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r3	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4.2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4.3	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r5	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r6	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r7	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r8	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r8.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	-	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r3	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4.2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r4.3	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r5	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r6	All	All

Application	Pulsesecure	Pulse Connect Secure	9.1	r7	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r8	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r8.1	All	All
Application	Pulsesecure	Pulse Connect Secure	All	All	All	All
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:-:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r1:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r2:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r3:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4.1:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4.2:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4.3:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r5:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r6:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r7:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r8:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r8.1:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:-:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r1:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r2:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r3:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4.1:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4.2:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r4.3:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r5:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r6:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r7:*:*:*:*:*:						
cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r8:*:*:*:*:*:						

cpe:2.3:a:pulsesecure:pulse_connect_secure:9.1:r8.1:*:*:*:*:*:

cpe:2.3:a:pulsesecure:pulse_connect_secure:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @RemotelyAlerts	Severity: ?? A vulnerability in the Pulse Connect Sec... CVE-2020-8256 Link for more: alerts.remotelyrmm.com/CVE-2020-8256	2022-08-01 16:29:21
 @LinInfoSec	Pulse - CVE-2020-8256: kb.pulsesecure.net/articles/Pulse...	2022-08-01 17:01:37

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