CVE-2021-22893

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Summary

CVE	CVE-2021-22893
State	PUBLIC
Assigner	support@hackerone.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-23 17:15:00 UTC
Updated	2024-01-13 18:36:00 UTC
Description	Pulse Connect Secure 9.0R3/9.1R1 and higher is vulnerable to an authentication bypass vulnerability exposed by the Wind

Risk And Classification

EPSS: 0.936070000 probability, percentile 0.998350000 (date 2026-04-02)

CISA KEV: Listed on 2021-11-03; due 2022-05-03; ransomware use Known

Problem Types: CWE-416

CISA Known Exploited Vulnerability

Vendor	Ivanti
Product	Pulse Connect Secure
Name	Ivanti Pulse Connect Secure Use-After-Free Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	Reference CISA's ED 21-03 (https://www.cisa.gov/news-events/directives/ed-21-03-mitigate-pulse-connect-secure-product-vulnerabilities) for further guidance and requirements. Note: The due date for addressing this vulnerability aligns with the requirements outlined in ED 21-03. https://nvd.nist.gov/vuln/detail/CVE-2021-22893

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ivanti	Connect Secure	9.0	-	All	All
Application	Ivanti	Connect Secure	9.0	r1	All	All
Application	Ivanti	Connect Secure	9.0	r2	All	All
Application	Ivanti	Connect Secure	9.0	r2.1	All	All
Application	Ivanti	Connect Secure	9.0	r3	All	All
Application	Ivanti	Connect Secure	9.0	r3.1	All	All

Application	Ivanti	Connect Secure	9.0	r3.2	All	All
Application	Ivanti	Connect Secure	9.0	r3.3	All	All
Application	Ivanti	Connect Secure	9.0	r3.5	All	All
Application	Ivanti	Connect Secure	9.0	r4	All	All
Application	Ivanti	Connect Secure	9.0	r4.1	All	All
Application	Ivanti	Connect Secure	9.0	r5.0	All	All
Application	Ivanti	Connect Secure	9.0	r6.0	All	All
Application	Pulsesecure	Pulse Connect Secure	All	All	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	-	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r2.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r3	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r3.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r3.2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r3.3	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r3.5	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r4	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r4.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r5.0	All	All
Application	Pulsesecure	Pulse Connect Secure	9.0	r6.0	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	r10.0	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r10.2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r11.0	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r11.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r11.3	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	r8.2	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r8.4	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r9	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r9.1	All	All
Application	Pulsesecure	Pulse Connect Secure	9.1	r9.2	All	All

References

Reference	Source
Check Your Pulse: Suspected APT Actors Leverage Authentication Bypass Techniques and Pulse Secure Zero-Day | FireEye Inc	MISC
VU#213092 - Pulse Connect Secure vulnerable to authentication bypass that could allow for remote code execution	MISC
Pulse Connect Secure Security Update - Pulse Secure Blog	MISC
Public KB - SA44784 - 2021-04: Out-of-Cycle Advisory: Pulse Connect Secure RCE Vulnerability (CVE-2021-22893)	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

38838 Pulse Connect Secure Remote Code Execution Vulnerability (SA44784)