



# Ivanti Connect Secure and Policy Secure Command Injection Vulnerability

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2024-21887
<b>State</b>	PUBLISHED
<b>Assigner</b>	Unknown
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-01-12 17:15:00 UTC
<b>Updated</b>	2024-01-22 17:15:00 UTC
<b>Description</b>	Ivanti Connect Secure (ICS, formerly known as Pulse Connect Secure) and Ivanti Policy Secure contain a command injection vulnerability.

## Risk And Classification

**EPSS:** 0.944120000 probability, percentile 0.999770000 (date 2026-04-21)

**CISA KEV:** Listed on 2024-01-10; due 2024-01-22; ransomware use Known

**Problem Types:** CWE-77

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Ivanti
<b>Product</b>	Connect Secure and Policy Secure
<b>Name</b>	Ivanti Connect Secure and Policy Secure Command Injection Vulnerability
<b>Required Action</b>	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
<b>Notes</b>	Please apply mitigations per vendor instructions. For more information, please see: <a href="https://forums.ivanti.com/s/article/KB-CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US">https://forums.ivanti.com/s/article/KB-CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2024-21887">https://nvd.nist.gov/vuln/detail/CVE-2024-21887</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Ivanti</a>	<a href="#">Connect Secure</a>	22.1	r1	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Connect Secure</a>	22.1	r6	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Connect Secure</a>	22.2	-	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Connect Secure</a>	22.2	r1	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Connect Secure</a>	22.3	r1	All	All

Application	Ivanti	Connect Secure	22.4	r1	All	All
Application	Ivanti	Connect Secure	22.4	r2.1	All	All
Application	Ivanti	Connect Secure	22.5	r2.1	All	All
Application	Ivanti	Connect Secure	22.6	-	All	All
Application	Ivanti	Connect Secure	22.6	r1	All	All
Application	Ivanti	Connect Secure	22.6	r2	All	All
Application	Ivanti	Connect Secure	9.0	All	All	All
Application	Ivanti	Connect Secure	9.1	r1	All	All
Application	Ivanti	Connect Secure	9.1	r10	All	All
Application	Ivanti	Connect Secure	9.1	r11	All	All
Application	Ivanti	Connect Secure	9.1	r11.3	All	All
Application	Ivanti	Connect Secure	9.1	r11.4	All	All
Application	Ivanti	Connect Secure	9.1	r11.5	All	All
Application	Ivanti	Connect Secure	9.1	r12	All	All
Application	Ivanti	Connect Secure	9.1	r12.1	All	All
Application	Ivanti	Connect Secure	9.1	r13	All	All
Application	Ivanti	Connect Secure	9.1	r13.1	All	All
Application	Ivanti	Connect Secure	9.1	r14	All	All
Application	Ivanti	Connect Secure	9.1	r15	All	All
Application	Ivanti	Connect Secure	9.1	r15.2	All	All
Application	Ivanti	Connect Secure	9.1	r16	All	All
Application	Ivanti	Connect Secure	9.1	r16.1	All	All
Application	Ivanti	Connect Secure	9.1	r17	All	All
Application	Ivanti	Connect Secure	9.1	r17.1	All	All
Application	Ivanti	Connect Secure	9.1	r18	All	All
Application	Ivanti	Connect Secure	9.1	r2	All	All
Application	Ivanti	Connect Secure	9.1	r3	All	All
Application	Ivanti	Connect Secure	9.1	r4	All	All
Application	Ivanti	Connect Secure	9.1	r4.1	All	All
Application	Ivanti	Connect Secure	9.1	r4.2	All	All
Application	Ivanti	Connect Secure	9.1	r4.3	All	All
Application	Ivanti	Connect Secure	9.1	r5	All	All
Application	Ivanti	Connect Secure	9.1	r6	All	All
Application	Ivanti	Connect Secure	9.1	r7	All	All
Application	Ivanti	Connect Secure	9.1	r8	All	All

Application	Ivanti	Connect Secure	9.1	r8.1	All	All
Application	Ivanti	Connect Secure	9.1	r8.2	All	All
Application	Ivanti	Connect Secure	9.1	r9	All	All
Application	Ivanti	Connect Secure	9.1	r9.1	All	All
Application	Ivanti	Policy Secure	22.1	r1	All	All
Application	Ivanti	Policy Secure	22.1	r6	All	All
Application	Ivanti	Policy Secure	22.2	r1	All	All
Application	Ivanti	Policy Secure	22.2	r3	All	All
Application	Ivanti	Policy Secure	22.3	r1	All	All
Application	Ivanti	Policy Secure	22.3	r3	All	All
Application	Ivanti	Policy Secure	22.4	r1	All	All
Application	Ivanti	Policy Secure	22.4	r2	All	All
Application	Ivanti	Policy Secure	22.4	r2.1	All	All
Application	Ivanti	Policy Secure	22.5	r1	All	All
Application	Ivanti	Policy Secure	22.5	r2.1	All	All
Application	Ivanti	Policy Secure	22.6	r1	All	All
Application	Ivanti	Policy Secure	9.0	All	All	All
Application	Ivanti	Policy Secure	9.1	r1	All	All
Application	Ivanti	Policy Secure	9.1	r10	All	All
Application	Ivanti	Policy Secure	9.1	r11	All	All
Application	Ivanti	Policy Secure	9.1	r12	All	All
Application	Ivanti	Policy Secure	9.1	r13	All	All
Application	Ivanti	Policy Secure	9.1	r13.1	All	All
Application	Ivanti	Policy Secure	9.1	r14	All	All
Application	Ivanti	Policy Secure	9.1	r15	All	All
Application	Ivanti	Policy Secure	9.1	r16	All	All
Application	Ivanti	Policy Secure	9.1	r17	All	All
Application	Ivanti	Policy Secure	9.1	r18	All	All
Application	Ivanti	Policy Secure	9.1	r2	All	All
Application	Ivanti	Policy Secure	9.1	r3	All	All
Application	Ivanti	Policy Secure	9.1	r3.1	All	All
Application	Ivanti	Policy Secure	9.1	r4	All	All
Application	Ivanti	Policy Secure	9.1	r4.1	All	All
Application	Ivanti	Policy Secure	9.1	r4.2	All	All
Application	Ivanti	Policy Secure	9.1	r5	All	All
Application	Ivanti	Policy Secure	9.1	r6	All	All

Application	<a href="#">Ivanti</a>	<a href="#">Policy Secure</a>	9.1	r7	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Policy Secure</a>	9.1	r8	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Policy Secure</a>	9.1	r8.1	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Policy Secure</a>	9.1	r8.2	All	All
Application	<a href="#">Ivanti</a>	<a href="#">Policy Secure</a>	9.1	r9	All	All

## References

Reference	Source	Link	Tags
Ivanti Connect Secure Unauthenticated Remote Code Execution ≈ Packet Storm		<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>	
Ivanti Community		<a href="https://forums.ivanti.com">forums.ivanti.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	kev

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[150786](#) Ivanti Connect Secure (ICS) and Ivanti Policy Secure Gateways Command Injection Vulnerability (CVE-2024-21887)

[731074](#) Ivanti Connect Secure (ICS) and Ivanti Policy Secure Gateway Multiple Vulnerabilities

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