Security Bulletin: Server-Side Request Forgery (SSRF) in Langflow URL Component

Security Bulletin

Summary

IBM Langflow Desktop contains a Server-Side Request Forgery (SSRF) vulnerability in the URL data source component where user-supplied URLs are insufficiently validated before being used in backend HTTP requests, allowing authenticated attackers to force the Langflow server to make arbitrary requests to internal or restricted network resources such as localhost services, private IP ranges, and cloud metadata endpoints; this flaw enables unauthorized access to sensitive internal systems and data by relaying retrieved responses back through the Langflow execution flow.

Vulnerability Details

CVEID: CVE-2026-3340 *(https://www.cve.org/CVERecord?id=CVE-2026-3340)*
DESCRIPTION: IBM Langflow is vulnerable to server-side request forgery (SSRF). This may allow an authenticated attacker to send unauthorized requests from the system, potentially leading to network enumeration or facilitating other attacks.
CWE: CWE-918: Server-Side Request Forgery (SSRF) *(https://cwe.mitre.org/data/definitions/918.html)*
CVSS Source: IBM
CVSS Base score: 6.5
CVSS Vector: (CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

Affected Products and Versions

Affected Product(s)	Version(s)
IBM Langflow Desktop	1.0.0 - 1.8.4

Remediation/Fixes

IBM recommends addressing the vulnerability now by upgrading to IBM Langflow Desktop 1.9.0 or newer https://www.langflow.org/blog/langflow-1-8-desktop *(https://www.langflow.org/blog/langflow-1-8-desktop)*

If you are already using Langflow Desktop, upgrade in the application to version 1.9.0

To install Langflow Desktop for the first time, visit Download Langflow Desktop *(https://langflow.org/desktop)*.

Workarounds and Mitigations

None

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References

Complete CVSS v3 Guide

On-line Calculator v3

Related Information

IBM Secure Engineering Web Portal *(http://www.ibm.com/security/secure-engineering/bulletins.html)*

IBM Product Security Incident Response Blog *(http://www.ibm.com/blogs/psirt)*

Acknowledgement

Change History

28 Apr 2026: Initial Publication

*The CVSS Environment Score is customer environment specific and will ultimately impact the Overall CVSS Score. Customers can evaluate the impact of this vulnerability in their environments by accessing the links in the Reference section of this Security Bulletin.

Disclaimer

Document Information

More support for:

IBM Langflow Desktop

Software version:

1.0.0 - 1.8.4

Operating system(s):

Windows, Mac OS

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