



Security Bulletin: Path Traversal and Arbitrary File Write Vulnerability in IBM Langflow Desktop API v2 File Upload Endpoint

Security Bulletin

Summary

IBM Langflow Desktop contains a vulnerability in its API v2 file upload functionality where the POST `/api/v2/files` endpoint fails to validate and sanitize user-supplied filenames before passing them to the `LocalStorageService`, resulting in a path traversal condition that allows authenticated attackers to write files outside the intended upload directory; by exploiting this flaw, an attacker can overwrite sensitive application files such as configuration data or databases and potentially achieve remote code execution with the privileges of the Langflow backend service.

Vulnerability Details

CVEID: [CVE-2026-3345](https://www.cve.org/CVERecord?id=CVE-2026-3345) (<https://www.cve.org/CVERecord?id=CVE-2026-3345>)

DESCRIPTION: Langflow could allow a remote attacker to traverse directories on the system. An attacker could send a specially crafted URL request containing "dot dot" sequences (`/../`) to view arbitrary files on the system.

CWE: [CWE-22: Improper Limitation of a Pathname to a Restricted Directory \('Path Traversal'\)](https://cwe.mitre.org/data/definitions/22.html)

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CVSS Source: IBM

CVSS Base score: 6.5

CVSS Vector: (CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:N)

Affected Products and Versions

Affected Product(s)	Version(s)
IBM Langflow Desktop	<=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) (<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) (<http://www.ibm.com/security/secure-engineering/bulletins.html>)

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

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Document Information

More support for:

IBM Langflow Desktop

Software version:

<, =1.8.4

Operating system(s):

Windows, Mac OS

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