



# Frappe Framework ERPNext 13.4.0 Remote Code Execution

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

## Summary

<b>CVE</b>	CVE-2023-54345
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulnCheck
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-05 12:16:16 UTC
<b>Updated</b>	2026-05-05 19:50:11 UTC
<b>Description</b>	Frappe Framework ERPNext 13.4.0 contains a sandbox escape vulnerability in RestrictedPython that allows authenticated

## Risk And Classification

**Primary CVSS:** v4.0 8.7 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**EPSS:** 0.000960000 probability, percentile 0.261460000 (date 2026-05-05)

**Problem Types:** CWE-94 | CWE-94 Improper Control of Generation of Code ('Code Injection')

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	8.7	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA
4.0	CNA	CVSS	8.7	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA
3.1	disclosure@vulncheck.com	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSG:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Erpnext	Frappe Framework ERPNext	affected 13.4.0	Not specified

### References

Reference	Source	Link	Ta
<a href="http://www.vulncheck.com/advisories/frappe-framework-erpnext-remote-code-execution">www.vulncheck.com/advisories/frappe-framework-erpnext-remote-code-execution</a>	disclosure@vulncheck.com	<a href="http://www.vulncheck.com">www.vulncheck.com</a>	
<a href="http://frappeframework.com/docs/v13/user/en/desk/scripting/server-script">frappeframework.com/docs/v13/user/en/desk/scripting/server-script</a>	disclosure@vulncheck.com	<a href="http://frappeframework.com">frappeframework.com</a>	
<a href="https://github.com/frappe/frappe/blob/v13.4.0/frappe/utils/safe_exec.py">github.com/frappe/frappe/blob/v13.4.0/frappe/utils/safe_exec.py</a>	disclosure@vulncheck.com	<a href="https://github.com">github.com</a>	
<a href="http://erpnext.org">erpnext.org</a>	disclosure@vulncheck.com	<a href="http://erpnext.org">erpnext.org</a>	
<a href="https://github.com/frappe/frappe">github.com/frappe/frappe</a>	disclosure@vulncheck.com	<a href="https://github.com">github.com</a>	
<a href="http://ur4ndom.dev/posts/2023-07-02-uiuctf-rattler-read">ur4ndom.dev/posts/2023-07-02-uiuctf-rattler-read</a>	disclosure@vulncheck.com	<a href="http://ur4ndom.dev">ur4ndom.dev</a>	
<a href="https://gist.github.com/lebr0nli/c2fc617390451f0e5a4c31c87d8720b6">gist.github.com/lebr0nli/c2fc617390451f0e5a4c31c87d8720b6</a>	disclosure@vulncheck.com	<a href="https://gist.github.com">gist.github.com</a>	
<a href="http://www.exploit-db.com/exploits/51580">www.exploit-db.com/exploits/51580</a>	disclosure@vulncheck.com	<a href="http://www.exploit-db.com">www.exploit-db.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	ca

### Vendor Comments And Credit

Discovery Credit

**CNA: Sander Ferdinand (en)**

There are currently no legacy QID mappings associated with this CVE.

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