

Overall Rating - High



This notification is intended as an informational bulletin for technical audiences.

Summary

The Vulnerability and Risk Management (VRM) Team is aware of an issue in the urllib.parse component of Python before 3.11.4.

Technical Details

Exploitation allows attackers to bypass blocklisting methods by supplying a URL that starts with blank characters.

This vulnerability is rated as a **High** Severity.

Recommended Action

- Investigate how your area of responsibility is affected.
- Notify business owner(s) as required.
- *Ensure mitigation is performed at your next change window.*

Please notify [VRM](#) with any questions or concerns you may have.

References

- [CVE-2023-24329](#)
- <https://pointernull.com/security/python-url-parse-problem.html>
- <https://github.com/python/cpython/pull/99421>
- <https://security.netapp.com/advisory/ntap-20230324-0004/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/TZH26JGNZ5XYPZ5SAU3NKSBSPRE5OHTG/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/PURM5CFDABEWAIWZFD2MQ7ZJGCPYSQ44/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/O5SP4RT3RRS434ZS2HQQKQJ3VZW7YPKYR/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/UONZWLB4QVLQIY5CPDLEUEKH6WX4VQMC/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/EM2XLZSTXG44TMFXF4E6VTGKR2MQCW3G/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/U2MZOJYGFCB5PPT6AKMAU72N7QOYWLBP/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/LWC4WGXER5P6Q75RFGL7QUTPP3N5JR7T/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/F2NY75GFDZ5T6YPN44D3VMFT5SUVTOTG/>

- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/MZEHSXSCMA4WWQKXT6QV7AAR6SWNZ2VP/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/6PEVICI7YNGGMSL3UCMWGE66QFLATH72/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/OHHJHJRLEF3TDT2K3676CAUVRDD4CCMR/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/WTOAUJNDWZDRWVSXJ354AYZYKRMT56HU/>
- <https://github.com/python/cpython/issues/102153>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/T4IDB5OAR5Y4UK3HLMZBW4WEL2B7YFMJ/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/H23OSKC6UG6IWOQAUPW74YUHWRWVXJP7/>
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- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/JZTLGV2HYFF4AMYJL25VDIGAIHCU7UPA/>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/DSL6NSOAXWBJJ67XPLSSC74MKNKZF3BBBO/>
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- <https://www.kb.cert.org/vuls/id/127587>