

## Overall Rating - High



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

### Summary

The Vulnerability and Risk Management (VRM) Team is aware that Ubuntu published a security notice to address vulnerabilities in the Linux kernel affecting the following product:

- Ubuntu 24.04 LTS

### Technical Details

BlueZ Audio Profile AVRCP Improper Validation of Array Index Remote Code Execution Vulnerability. This vulnerability allows network-adjacent attackers to execute arbitrary code via Bluetooth on affected installations of BlueZ. User interaction is required to exploit this vulnerability in that the target must connect to a malicious device. The specific flaw exists within the handling of the AVRCP protocol. The issue results from the lack of proper validation of user-supplied data, which can result in a write past the end of an allocated buffer. An attacker can leverage this vulnerability to execute code in the context of root. Was ZDI-CAN-19908.

These vulnerabilities are rated as an overall **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-2023-47233 CVE-2024-26876 CVE-2024-26950 CVE-2024-26977 CVE-2024-26977 CVE-2024-5171 CVE-2024-5197 CVE-2023-52076 CVE-2023-27349 CVE-2022-3563 CVE-2024-5171 CVE-2024-5197 CVE-2023-52076
- [USN-6816-1 - Linux kernel vulnerabilities](#)
- [Ubuntu Security Notices](#)