

## Overall Rating - Critical



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

### Summary

The Vulnerability and Risk Management (VRM) Team is aware that in PHP version 8.0.\* before 8.0.30, 8.1.\* before 8.1.22, and 8.2.\* before 8.2.8, when loading phar file, while reading PHAR directory entries, insufficient length checking may lead to a stack buffer overflow, leading potentially to memory corruption or RCE.

### Technical Details

See links below for more details.

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

### Recommended Action

- Investigate how your area of responsibility is affected.
- Notify business owner(s) as required.
- Ensure mitigation is performed as soon as possible.

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

### References

- [CVE-2023-3824](#)
- <https://github.com/php/php-src/security/advisories/GHSA-jgcx-ccgc-xwhv>
- <https://lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/message/7NBF77WN6DTVTY2RE73IGPYD6M4PIAWA/>