



# CVE-2018-8932

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

## Summary

|                        |                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2018-8932                                                                                                       |
| <b>State</b>           | PUBLIC                                                                                                              |
| <b>Assigner</b>        | cve@mitre.org                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                        |
| <b>Published</b>       | 2018-03-22 14:29:00 UTC                                                                                             |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC                                                                                             |
| <b>Description</b>     | The AMD Ryzen and Ryzen Pro processor chips have insufficient access control for the Secure Processor, aka RYZENFAL |

## Risk And Classification

### Problem Types: CWE-732

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor              | Product                            | Version | Update | Edition | Language |
|------------------|---------------------|------------------------------------|---------|--------|---------|----------|
| Hardware         | <a href="#">Amd</a> | <a href="#">Ryzen</a>              | -       | All    | All     | All      |
| Hardware         | <a href="#">Amd</a> | <a href="#">Ryzen</a>              | -       | All    | All     | All      |
| Operating System | <a href="#">Amd</a> | <a href="#">Ryzen Firmware</a>     | -       | All    | All     | All      |
| Operating System | <a href="#">Amd</a> | <a href="#">Ryzen Firmware</a>     | -       | All    | All     | All      |
| Hardware         | <a href="#">Amd</a> | <a href="#">Ryzen Pro</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Amd</a> | <a href="#">Ryzen Pro</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Amd</a> | <a href="#">Ryzen Pro Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Amd</a> | <a href="#">Ryzen Pro Firmware</a> | -       | All    | All     | All      |

## References

| Reference                                                                                               | Source  | Link                                                            | Tags                 |
|---------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------|----------------------|
| "AMD Flaws" Technical Summary   Trail of Bits Blog                                                      | MISC    | <a href="https://blog.trailofbits.com">blog.trailofbits.com</a> | Third Party Advisory |
| Management Team                                                                                         | MISC    | <a href="https://amdflaws.com">amdflaws.com</a>                 | Third Party Advisory |
| AMD Corporate: Initial AMD Technical Assessment...   Community                                          | MISC    | <a href="https://community.amd.com">community.amd.com</a>       | Vendor Advisory      |
| <a href="https://safefirmware.com/amdflaws_whitepaper.pdf">safefirmware.com/amdflaws_whitepaper.pdf</a> | MISC    | <a href="https://safefirmware.com">safefirmware.com</a>         | Third Party Advisory |
| CVE Program record                                                                                      | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                   | canonical            |
| NVD vulnerability detail                                                                                | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                 | canonical, analysis  |

No vendor comments have been submitted for this CVE.

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

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