Overall rating: High

BRITISH COLUMBIA

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

Summary

The Vulnerability and Risk Management (VRM) Team is aware a vulnerability was found in Cisco ASA and Firepower Threat Defense. The vulnerability allows a remote attacker to perform a denial of service (DoS) attack.

Technical Details

The vulnerability exists due to an implementation error within the cryptographic functions for SSL/TLS traffic processing when they are offloaded to the hardware. A remote attacker can send a specially crafted stream of SSL/TLS traffic to an affected device and perform a denial of service (DoS) attack.

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-2023-20006
- http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-asaftd-ssl-dos-uu7mV5p6
- http://bst.cloudapps.cisco.com/bugsearch/bug/CSCwc94466