

**Overall rating: Critical**



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

## Summary

The Vulnerability and Risk Management (VRM) Team is aware Cisco has published a Security Bulletin to address vulnerabilities in Cisco Firepower Management Center (FMC) Software Vulnerabilities.

## Technical Details

On November 1, 2023, Cisco published a security advisory to address a vulnerability in the following product:

- Cisco Identity Services Engine – multiple versions
- Cisco Firepower Threat Defense – multiple versions
- Cisco Firepower Management Center – multiple versions
- Cisco Adaptive Security Appliance – multiple versions
- Cisco Identity Services Engine – multiple versions

This vulnerability is due to insufficient authorization of configuration commands that are sent through the web service interface. An attacker could exploit this vulnerability by authenticating to the FMC web services interface and sending a crafted HTTP request to an affected device. A successful exploit could allow the attacker to execute certain configuration commands on the targeted FTD device. To successfully exploit this vulnerability, an attacker would need valid credentials on the FMC Software.

Cisco has released software updates that address this vulnerability. There are no workarounds that address this vulnerability.

This advisory is available at the following link:

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-fmc-cmd-inj-29MP49hN>

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 at your next change window.*

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

## References

- CVE-2023-20086, CVE-2023-20095, CVE-2023-20048, CVE-2023-20273, CVE-2023-20175, CVE-2023-20170, CVE-2023-20244, CVE-2023-20083, CVE-2023-20063, CVE-2023-20155, CVE-2023-20219,
- [Cisco Security Advisories](#)

***Please note that we will be transitioning to a new site on August 31, 2023, where we will post the vulnerability reports.***

You will be able to find all the reports that we have published as well as all future reports here: [Cybersecurity Alerts](#)