THREAT BULLETINS

Threat Actors are Exploiting Cisco ASA Software Flaw CVE-2014-2120

TLP:WHITE

Dec 03, 2024

On December 2, 2024, Cisco updated its security advisory concerning a decade-old flaw tracked as CVE-2014-2120 to warn about its exploitation. The flaw exists in the WebVPN login page of Cisco Adaptive Security Appliance (ASA) Software.

The issue affects the WebVPN feature used for secure remote access. The flaw allows threat actors to remotely conduct a cross-site scripting (XSS) attack against a WebVPN user on the vulnerable Cisco ASA device. The flaw was originally disclosed in March 2014, and the company deployed relevant patches.

The exploitation of this old vulnerability highlights the importance of maintaining up-to-date security measures to safeguard against potential threats. No workarounds are available for this flaw. Health-ISAC advises members who use Cisco ASA software to ensure their devices are patched as the only way to mitigate the risk of exploitation.

Recommendations:

- Apply available patches for vulnerable Cisco devices.
- Ensure all of the devices are patched in a timely manner.
- Enforce network segmentation and strict network access control policies.
- Continuously monitor for suspicious activities.

- Have an incident response plan ready to limit operational disruptions in the event of a successful attack.
- Review the Health Industry Cybersecurity Practices (HICP): Managing Threats and Protecting Patients resources.

Reference(s)	Security Online, HHS, Cisco

Sources
Cisco Security Advisory
Cisco Confirms Active Exploitation of Decade-Old WebVPN Vulnerability in ASA Software

Incident Date
Dec 03, 2024 (UTC)

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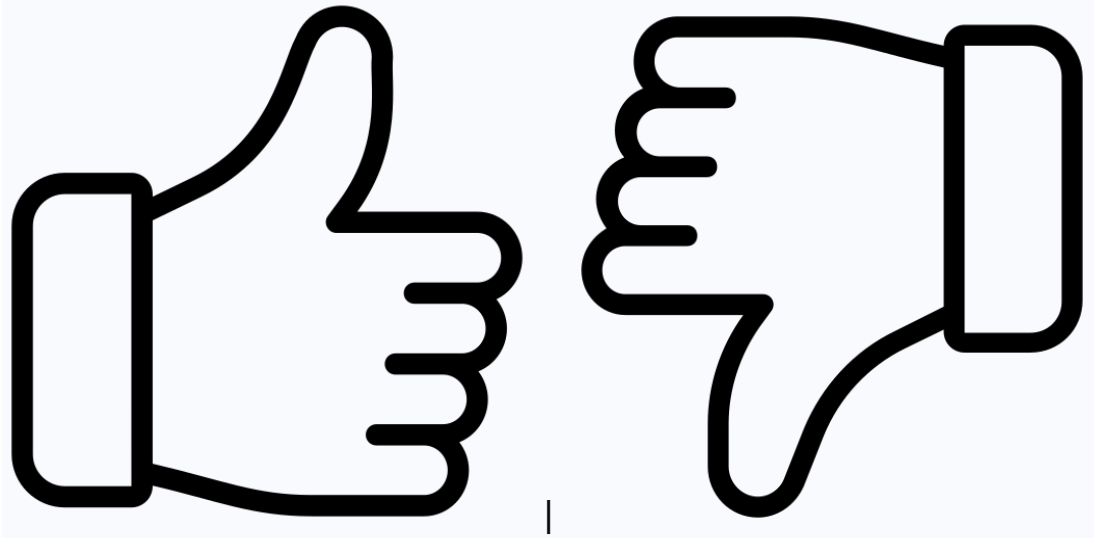

Tags CVE-2014-2120, Cisco ASA Software

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