Summary

Name: F5 Ethernet Trailer dissector infinite loop

Docid: wnpa-sec-2022-06

Date: September 7, 2022

Affected versions: 3.6.0 to 3.6.7, 3.4.0 to 3.4.15

Fixed versions: 3.6.8, 3.4.16

References:
Wireshark issue 18307 (https://gitlab.com/wireshark/wireshark/-/issues/18307)
CVE-2022-3190 (https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-3190)

Details

Description

The F5 Ethernet Trailer dissector could go into an infinite loop. Discovered by Jason Cohen.

Impact

It may be possible to make Wireshark consume excessive CPU resources by injecting a malformed packet onto the wire or by convincing someone to read a malformed packet trace file.

Resolution

Upgrade to Wireshark 3.6.8, 3.4.16 or later.

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