

May 9, 2021

Summary

A npd bug in EmbedThis [Appweb](#) Community Edition **latest** Version 8.2.1 will lead to server crash.

Analysis

The bug exists in `src/http/httpLib.c`

When a HTTP request without a valid Host header is processed by the `parseUri()`, `rx->hostHeader` should be `0x00`, so `hostname = stream->host->name`.

Reproduce

To reproduce this bug, build Appweb Community Edition Version 8.2.1 with make on a x64 Linux Distro, run the server with `./appweb --verbose 127.0.0.1:8081`, and send the poc to it with `cat npd.txt | nc 127.0.0.1 8081`, and a segmentation fault should be expected.



