

New issue

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Telnet servers potentially lead to nonterminating acknowledgment loops #2685

[Open](#) jerrytesting opened this issue on Aug 8, 2021 · 0 comments

jerrytesting commented on Aug 8, 2021

Hello,

In the implementation of telnet servers until version 3.0 and even the latest commit [32b5b17](#) , potential nonterminating acknowledgment loops have been found in telnet servers.

In order to prevent nonterminating acknowledgment loops, one rule made by [RFC854](#) is that, a request must not be acknowledged if a party receives what appears to be the request to enter some mode it is already in.

However, when the negotiated options are already disabled, servers still respond to DONT and WONT requests with WONT or DONT commands. Hence, potential infinite acknowledgment loops exist in the telnet server during execution, which may lead to denial of service and excessive CPU consumption.

Could you have a check? Thanks a lot.

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
No branches or pull requests

1 participant

