

pfSense - Feature #7159

Auto correct checksum and missing special characters for NTP GPS initialization commands.

01/23/2017 09:30 PM - Jack Booth

Status:	Resolved	Start date:	01/23/2017
Priority:	Normal	Due date:	
Assignee:	Renato Botelho	% Done:	100%
Category:	NTPD	Estimated time:	0.00 hour
Target version:	2.3.3	Release Notes:	Default
Plus Target Version:			

Description

The current NTP GPS configuration has a field for users to customize the GPS initialization commands. These NMEA commands have a checksum at the end of each NMEA sentence to verify the command. The page has a calculator to help users write the initialization commands but even with the calculator next to the initialization commands text field it is still easy for users to get this wrong. Instead there should be an simple optional tool to correct the user inputs to minimize issues.

Associated revisions

Revision 8c23d92a - 01/23/2017 10:04 PM - Jack Booth

Feature #7159 Add GPS initialization command auto correct tool

Corrects malformed NMEA sentences by calculating and appending the checksum and adding missing special characters "\$" and ""

Revision c977d6b1 - 01/25/2017 12:43 PM - Jack Booth

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(cherry picked from commit 8c23d92a159c1282e7d185665977f0c45d45f845)

History

#1 - 01/23/2017 11:28 PM - Jack Booth

PR <https://github.com/pfsense/pfsense/pull/3433>

#2 - 01/25/2017 12:44 PM - Renato Botelho

- Category set to NTPD
- Status changed from New to Feedback
- Assignee changed from Jack Booth to Renato Botelho
- Target version set to 2.4.0
- % Done changed from 0 to 100

PR has been merged, thanks!

#3 - 02/10/2017 10:41 AM - Jim Pingle

- Status changed from Feedback to Resolved
- Target version changed from 2.4.0 to 2.3.3