

strongSwan - Feature #2461

Extended replay window support on FreeBSD

07.11.2017 13:37 - Emeric Poupon

Status: Closed	Start date: 07.11.2017
Priority: Normal	Due date:
Assignee: Tobias Brunner	Estimated time: 0.00 hour
Category: libcharon	
Target version: 5.6.1	
Resolution: Fixed	
Description Hello, Since FreeBSD 11.1, it is possible to use a custom PFKEY extension to manage large replay windows (greater than 4k packets) Please find attached a proposal patch to support this on strongSwan.	
Related issues: Copied to Bug #2501: Fix extended replay window support on FreeBSD 11.1 Closed	

Associated revisions

Revision 88a8fba1 - 08.11.2017 16:35 - Tobias Brunner

kernel-pfkey: Support anti-replay windows > 2k

FreeBSD 11.1 supports a new extension to configure larger anti-replay windows, now configured as number of packets.

Fixes #2461.

History

#1 - 07.11.2017 14:32 - Tobias Brunner

- Status changed from New to Feedback

- Target version set to 5.6.1

Since FreeBSD 11.1, it is possible to use a custom PFKEY extension to manage large replay windows (greater than 4k packets)

The maximum is currently actually 2040 (255 * 8).

Please find attached a proposal patch to support this on strongSwan.

I don't think it's necessary to add a configure check. And making this conditional is also not really necessary (the value in the extension will just overwrite whatever is set in `sadb_sa_replay`). I pushed this to the *2461-pfkey-replay* branch.

#2 - 07.11.2017 14:46 - Emeric Poupon

The maximum is currently actually 2040 (255 * 8)

Indeed :)

Please find attached a proposal patch to support this on strongSwan.

I don't think it's necessary to add a configure check. And making this conditional is also not really necessary (the value in the extension will just overwrite whatever is set in `sadb_sa_replay`). I pushed this to the *2461-pfkey-replay* branch.

Indeed that works fine this way, thanks for integrating this!

#3 - 08.11.2017 17:07 - Tobias Brunner

- Status changed from *Feedback* to *Closed*
- Assignee set to *Tobias Brunner*
- Resolution set to *Fixed*

Please find attached a proposal patch to support this on strongSwan.

I don't think it's necessary to add a configure check. And making this conditional is also not really necessary (the value in the extension will just overwrite whatever is set in `sadb_sa_replay`). I pushed this to the *2461-pfkey-replay* branch.

Indeed that works fine this way, thanks for integrating this!

No problem. Thanks for bringing it to our attention.

#4 - 22.12.2017 10:19 - Tobias Brunner

- Copied to *Bug #2501: Fix extended replay window support on FreeBSD 11.1 added*

Files

patch-extended-replay-window-pfkey	1.89 KB	07.11.2017	Emeric Poupon
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