

pfSense - Feature #11211

Allow Setting RADIUS Timeout for EAP-RADIUS

01/02/2021 07:18 AM - Viktor Gurov

Status:	Feedback	Start date:	01/02/2021
Priority:	Normal	Due date:	
Assignee:	Viktor Gurov	% Done:	0%
Category:	IPsec	Estimated time:	0.00 hour
Target version:	CE-Next		
Release Notes:	Default		

Description

see <https://forum.netgate.com/topic/108637/ipsec-ikev2-with-eap-radius-vpn-azure-multi-factor-authentication> and <https://forum.netgate.com/topic/128539/allow-setting-radius-timeout-for-eap-radius>

There is currently no way to adjust the RADIUS timeout for EAP-RADIUS authentication in conjunction with Mobile IKEv2. The "Authentication Timeout" setting in System -> User Manager -> Authentication Servers is ignored.

Instead the following defaults are used:

<https://github.com/strongswan/strongswan/blob/5.9.0/conf/plugins/eap-radius.opt>:

```
charon.plugins.eap-radius.retransmit_base = 1.4
    Base to use for calculating exponential back off.

charon.plugins.eap-radius.retransmit_timeout = 2.0
    Timeout in seconds before sending first retransmit.

charon.plugins.eap-radius.retransmit_tries = 4
    Number of times to retransmit a packet before giving up.

charon.plugins.eap-radius.sockets = 1
    Number of sockets (ports) to use, increase for high load.
```

To use 2FA/MFA with RADIUS the timeout needs to be adjusted to 60s, retries eliminated, and sockets need to be adjusted to allow more than one concurrent authentication.

it would be nice to add "RADIUS Advanced options" to vpn_ipsec_mobile.php

Associated revisions

Revision 6542fe08 - 02/18/2021 09:57 AM - Viktor Gurov

RADIUS Advanced parameters. Feature #11211

History

#1 - 01/02/2021 09:01 AM - Viktor Gurov

https://gitlab.netgate.com/pfSense/pfSense/-/merge_requests/89

#2 - 01/04/2021 10:11 AM - Jim Pingle

- Status changed from New to Pull Request Review

- Target version set to CE-Next

#3 - 02/18/2021 09:57 AM - Renato Botelho

- Status changed from Pull Request Review to Feedback

- Assignee set to Viktor Gurov

PR has been merged. Thanks!