

## strongSwan - Issue #3650

### HA behaves very strange

03.12.2020 18:32 - Semsot Gram

<b>Status:</b> Feedback	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> high availability (ha plugin)	
<b>Affected version:</b> 5.6.2	<b>Resolution:</b>
<b>Description</b>	
<p>Hi,</p> <p>I've followed the following article: <a href="https://wiki.strongswan.org/projects/strongswan/wiki/highavailability">https://wiki.strongswan.org/projects/strongswan/wiki/highavailability</a> to configure HA on two of my nodes.</p> <p>Recently I've noticed that HA is acting in a very strange way, I am not sure if this is expected behaviour.</p> <p>1. The case scenario, 100 Tunnels are load balanced between two servers: VPNSRV01: 50 ESTABLISHED 50 PASSIVE</p> <p>VPNSrv02: 50 ESTBALISHED 50 PASSIVE</p> <p>I was expecting when I restart strongSwan on VPNSRV01, it will cause 50 ESTABLISHED tunnels to move to the VPNSRV02, where in total it will be 100. After the service restart, in fact the tunnels are moving to the second node for a split second. However after 2-3 seconds all 100 of them are moving back to the VPNSRV01.</p> <p>2. Another case scenario:</p> <p>VPNSRV01: 0 ESTABLISHED 100 PASSIVE</p> <p>VPNSrv02: 100 ESTBALISHED 0 PASSIVE</p> <p>When I restart strongSwan service on VPNSRV01, after 2-3 seconds all ESTABLISHED tunnels are going to move to the VPNSRV01 from VPNSRV02. I was assuming that strongSwan service restart on VPNSRV01, should not cause ESTABLISHED tunnels to move form VPNSRV02.</p> <p>My config:</p> <pre>heartbeat_timeout = 2100 load = yes local = XXX.XXX.XXX.XXX remote = XXX.XXX.XXX.XXX segment_count = 2 # secret = s!ronG-P5K-s3cret fifo_interface = yes autobalance = 10 monitor = yes resync = yes</pre> <p>I will appreciate any help or suggestions.</p>	

Thank you in advance.

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## History

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### #1 - 04.12.2020 08:53 - Tobias Brunner

- *Category set to high availability (ha plugin)*
- *Status changed from New to Feedback*

I was expecting when I restart strongSwan on VPNSRV01, it will cause 50 ESTABLISHED tunnels to move to the VPNSRV02, where in total it will be 100.

After the service restart, in fact the tunnels are moving to the second node for a split second. However after 2-3 seconds all 100 of them are moving back to the VPNSRV01.

Read the log.

When I restart strongSwan service on VPNSRV01, after 2-3 seconds all ESTABLISHED tunnels are going to move to the VPNSRV01 from VPNSRV02.

I was assuming that strongSwan service restart on VPNSRV01, should not cause ESTABLISHED tunnels to move from VPNSRV02.

Read the log.