

## strongSwan - Issue #2864

### Would like to know why IPSEC\_SA is synced to standby node by triggering rekey in HA scenario

20.12.2018 08:23 - Xiaoqiang Fu

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Tobias Brunner	
<b>Category:</b>	high availability (ha plugin)	
<b>Affected version:</b>	5.6.1	<b>Resolution:</b> No feedback
<b>Description</b>		
Hi expert,		
I would like to know why IPSEC_SA is synced to standby node from active node by triggering rekey. Why IPSEC_SA synchronization is similar to IKE_SA to fetch from cache?		
Whether there is some background or rationale for such mechanism?		
Looking forward your reply		
Regards, Yang Li		

#### History

##### #1 - 20.12.2018 10:09 - Tobias Brunner

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

One reason is that IPsec keys are generally not stored by the IKE daemon. But more importantly, the sequence numbers are not actively synced by the daemon in the current HA solution, but directly via cluster IP. So IPsec SAs (in particular outbound SAs) couldn't be used by the integrated node even if the keys would be synced. This is actually described on [HighAvailability](#).

##### #2 - 28.02.2019 16:13 - Tobias Brunner

- Status changed from Feedback to Closed
- Assignee set to Tobias Brunner
- Resolution set to No feedback