

## strongSwan - Issue #3097

### charon restart behaviour

24.06.2019 10:59 - Krishnamurthy Daulatabad

<b>Status:</b> Feedback	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> charon	
<b>Affected version:</b> 5.7.2	<b>Resolution:</b>
<b>Description</b>	
<p>This is a query regarding charon restart behaviour while running as a responder. The scenario is like below:</p> <ul style="list-style-type: none"><li>- IPSEC SA established between initiator and responder</li><li>- both initiator and responder are exchanging DPD INFORMATIONAL messages</li><li>- Responder system crashes, restarts and charon daemon is restarted.</li><li>- Initiator is in DPD detection phase.</li><li>- The new charon daemon on responder receives DPD INFORMATION messages from initiator and looks like, ignores it</li><li>- The SA (data path) is dead until the initiator completes the DPD phase and initiates a new SA request.</li></ul> <p>So my questions is</p> <ul style="list-style-type: none"><li>- Is there anyway for the responder to trigger the "connection close" (after it restarts) when it receives a DPD information request from initiator ?</li></ul>	

#### History

##### #1 - 24.06.2019 11:13 - Tobias Brunner

- Status changed from New to Feedback

- Is there anyway for the responder to trigger the "connection close" (after it restarts) when it receives a DPD information request from initiator ?

No, it doesn't know anything about the previous SAs (SPIs, key material etc.). And strongSwan doesn't return unencrypted INFORMATIONALs with INVALID\_SPI notifies (which initiators would also have to handle somehow). It currently also doesn't support [RFC 6290](#) or [RFC 5723](#) (again, initiators would have to support these too).

##### #2 - 24.06.2019 13:27 - Krishnamurthy Daulatabad

Thanks for the quick response. Is there any plan to implement RFC 6290 anytime soon?

##### #3 - 24.06.2019 16:09 - Tobias Brunner

Is there any plan to implement RFC 6290 anytime soon?

Not at this moment.