

strongSwan - Feature #129

Relations between ike/child/peer_cfg

13.05.2011 09:46 - Martin Willi

Status: Assigned	Start date: 13.05.2011
Priority: Normal	Due date:
Assignee: Martin Willi	Estimated time: 0.00 hour
Category: libcharon	
Target version:	
Resolution:	
Description	
<p>The relations between child_cfg/peer_cfg are too strict:</p> <p>Reloading configurations through <i>ipsec reload</i> deletes child_cfg attached to peer_cfgs, even if in use by an IKE_SA. This prevents a CHILD_SA from rekeying, as no child_cfg is available anymore for the peer_cfg refcounted by the IKE_SA. We either have to store a reference for the child_cfg too, or even better look up the connections during rekeying globally.</p> <p>A different issue concerns the relation between peer_cfg/ike_cfg:</p> <p>The relation is not strict enough: As responder, it is currently not possible to enforce a ike_cfg for a peer_cfg selected later during authentication. Limiting peer_cfgs to the addresses specified in the associated ike_cfg is not possible, either.</p>	
Related issues:	
Related to Bug #400: Routed connections lost with reload	Closed 03.09.2013
Related to Issue #1338: problem with changing esp algorithm in strongswan	Feedback 06.03.2016
Blocks Bug #397: Receive TS_UNACCEPTABLE errors	New 01.09.2013

History

#1 - 11.07.2011 14:10 - Tobias Brunner

- Target version changed from 4.5.3 to 4.6.0

#2 - 06.02.2012 10:50 - Tobias Brunner

- Target version deleted (4.6.0)

#3 - 23.05.2016 15:06 - Tobias Brunner

- Related to Issue #1338: problem with changing esp algorithm in strongswan added