Home Agent Reliability Protocol

HA Reliability DT

Status

- draft-ietf-mip6-hareliability-01.txt is not published for this IETF

- HA reliability solution provides
  - State Synchronization scheme
  - Failure Recovery scheme
  - Multiple HA discovery (for Hard Switch Mode only)
  - Failure Detection scheme
  - HA Control scheme (Switching between HA)

- IPsec/IKE state transfer (unsolved)
  - A) Define a minimal list (standardized) of IKE/IPsec parameters and include them.
  - B) Keep the IKE/IPsec context transfer implementation specific.

- Hello Messages?(proposed)
  - Using other periodic beacon if it's available
  - Using HA hello message if no other scheme is available

- Sync. with HA switch iD (adapted)
  - Required certain ACK from MN to HA after HA switch
  - MN sends BU to HA as ACK