Gateway-based Trust Relationship Between Endpoints and Intermediate Nodes

draft-du-panrg-gateway-based-trust-relationship-01
Zongpeng Du duzongpeng@chinamobile.com
Peng Liu liupengyjy@chinamobile.com
IETF113
Target

• BNG as the gateway of the Endpoint is able to maintain a per-connection state and a trust-relationship for each user.
• Based on this Gateway (BNG), to make
  – the Endpoint trusts the information from the Ingress PE
  – the Ingress PE trusts the suggestion from a valid user
Mechanism

• From the Ingress PE to the Client
  – Ingress PE makes a signature for the message by using a private key

• From the client to the Ingress PE
  – BNG makes a signature instead of the Client by using a private key
  – or put it into an IPSec between the BNG and the Ingress PE
Thanks for listening

Welcome for comments