

Use of CxTP for PANA

draft-bournelle-pana-ctp-02.txt

Julien Bournelle

Maryline Laurent-Maknavicius

Hannes Tschofenig

Yacine El-Mghazli

Gerardo Giaretta

Yoshihiro Ohba

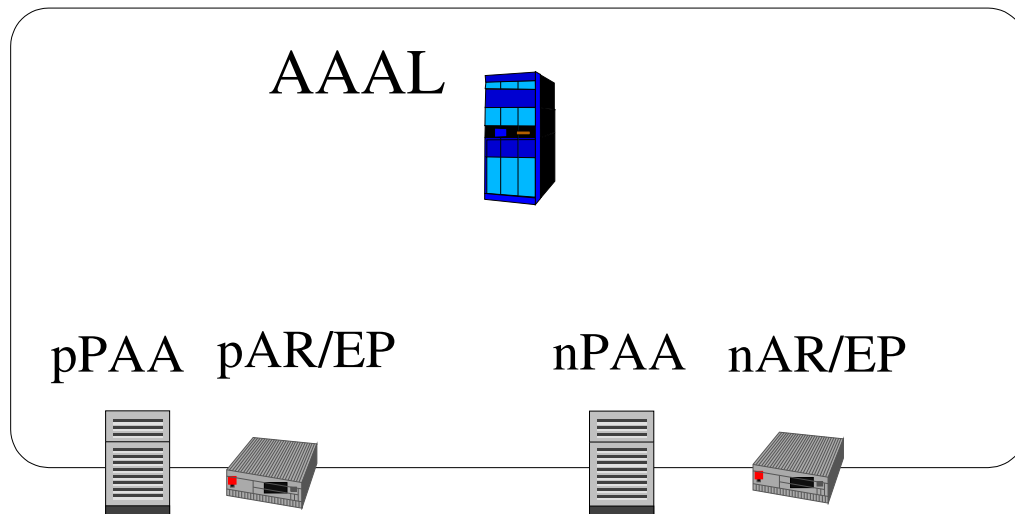
Rafa Marin Lopez

Outline

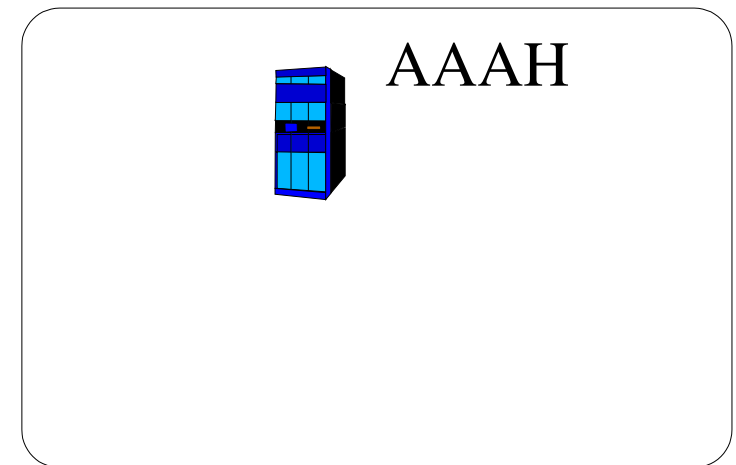
- Problem
- Use of CxTP between PAAs
- AAA interactions
- PANA context
- Considerations
- Next steps

Problem

Visited domain



Home domain



PANA client

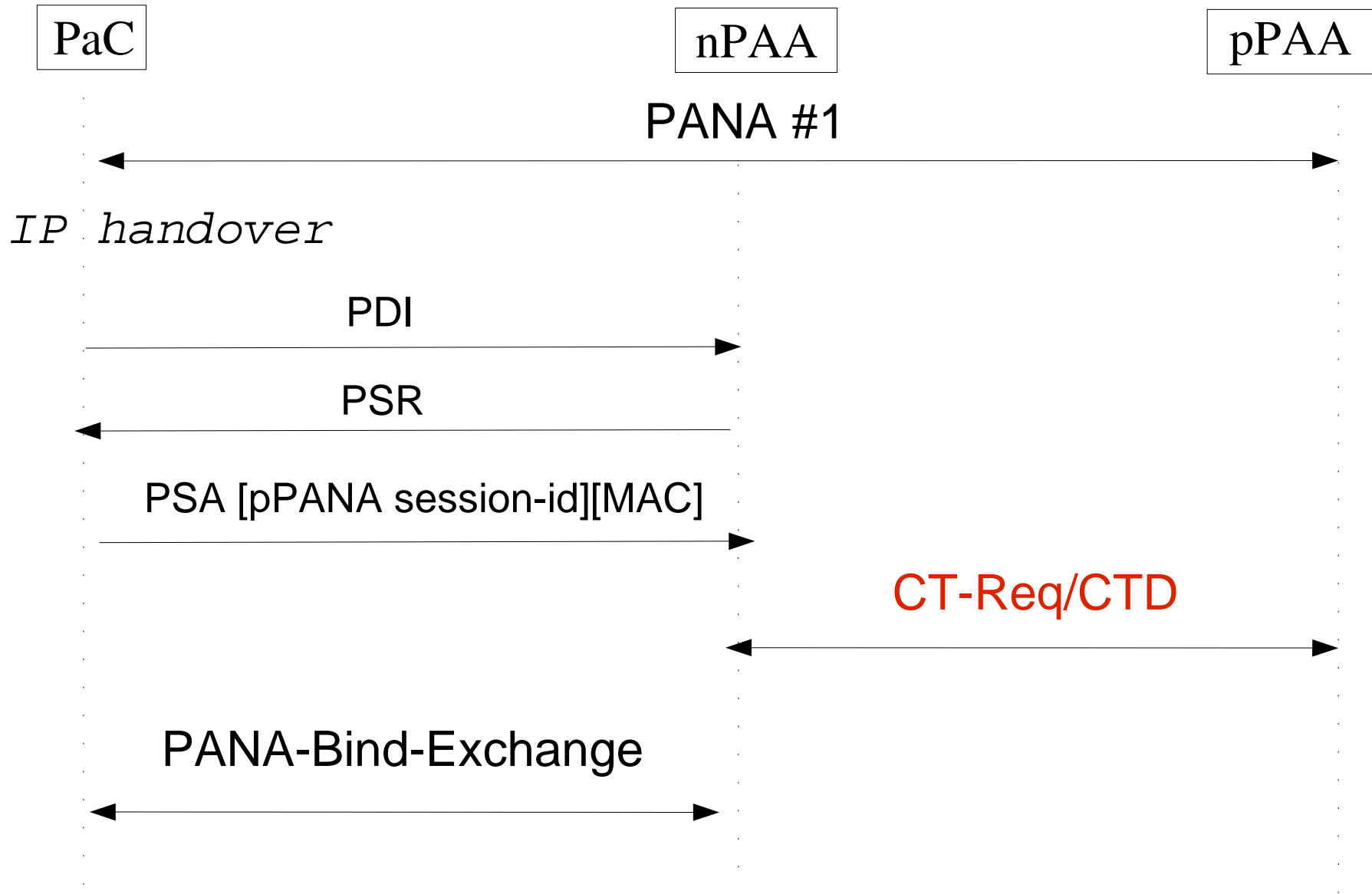


After IP handover the PaC has to restart network access authentication (including EAP) from scratch with the nPAA.

CxTP between PAAs complementing existing wg I-D

- PANA side: draft-ietf-pana-mobopts-00.txt
 - Predictive mode currently not supported
 - PSA triggers the transfer
 - Use CT-Req/CTD without CTP auth. token
- CxTP side: this i-d contains/will contain:
 - the PANA context
 - AAA interaction described
 - Description of CxTP message

CxTP between PAAs: Reactive mode



AAA interaction

- AAA server needs to know the PAA in charge of the PaC
 - Re-authentication
 - Abort/Terminate Session

PANA context

- What should be transferred between pPAA and nPAA ?
 - Session-lifetime elapsed
 - AAA server identity
 - Keying material: AAA-Key-int
 - Filtering rules to be applied to nEP ?

Things to think about

- Modifying assumptions for context transfer:
 - transfer between PAAs instead of ARs
 - different authorization token usage
- Predictive mode:
 - use PTR message with a new AVP

Next steps

- Focus on CxTP between PAAs instead of ARs
- WG item ?