

# PANA Terminology and Requirements I-D : Update

draft-ietf-pana-requirements-05.txt

# Updates

- [www.toshiba.com/tari/pana/draft-ietf-pana-requirements-05.txt](http://www.toshiba.com/tari/pana/draft-ietf-pana-requirements-05.txt)
- Updates:
  - Definition of Enforcement Point (EP) added
  - Clarification that some requirements are satisfied by EAP methods
  - IP address pre-configuration requirement changed
  - EAP lower layer requirements section added
  - Location of PAA further clarified (link vs. subnet vs. IP hops)
  - PAA-EP protocol section added

# Enforcement Point

- Defn:
- A node on the access network where decisions on per-packet enforcement policy are enforced for devices by using Device Identifier information provided by a PAA. Per-packet enforcement includes per-packet filtering and may include cryptographic per-packet protection as well.

# Reliance on EAP Methods

- Key generation, when needed
- Client identifier types
- Mutual authentication
  
- Choice of EAP method is important

# IP Address Configuration

- PaC is not required to have an IP address prior to PANA

# EAP Lower Layer Requirements

- Reference to draft-ietf-eap-rfc2284bis-01.txt included

# Location of PAA

- PAA and PaC exactly one IP hop away from each other
  - not necessarily on the same physical link
  - not same as being on the same “subnet” (think multilink!)

# PAA-EP Protocol

- PAA delivers authorization information to EP
  - carry device ID and keys securely
  - needs to support either push (from PAA) model or pull (from EP) model, depending on the PANA design
- PANA WG will identify one (or more) existing solution
  - MIDCOM WG output might be useful



# Next Steps

- Please review and comment!
  - volunteers?
- Will go to WG last call (post IETF56)