CoA Proxying

RADEXT - IETF 89

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FreeRADIUS

Problem Statement

- How do we do CoA proxying in a roaming environment?

- User-Name doesn't work, we need to forward to the visited network

Solution

- Use Operator-Name

  - '1' + realm

- Defined to be the name of the visited network

Problem Statement

- How to get the packets from the visited network AAA to the NAS?

- NAS-IP-Address doesn't work

  - Private IPs, it can be re-written

Solution

- Define new Operator-NAS-Identifier

  - opaque token meaningful only to operator

  - Sent with Operator-Name (both ways)

- Operator can use it to route the packet to the NAS.

- Other methods may be used, too

Implementations

- FreeRADIUS

  - CoA proxying via existing Operator-Name

  - Uses existing realms table.

  - Seems to work.

Discussion?