

CoA Proxying

RADEXT - IETF 96

Alan DeKok

FreeRADIUS

Open Issues

- Proxy spoofing is always possible
 - Can be minimized, but not prevented
- Mandatory attributes need to be removed before being sent to the NAS
- Comments from Peter Deacon

Updated text

All attributes added by a RADIUS proxy when sending packets from the Visited Network to the Home Network Network **MUST** be removed by the corresponding CoA proxy from packets which travel the reverse path. The result is that a NAS will only ever receive CoA packets which contain either attributes sent by the NAS to the RADIUS server, or attributes which are required to perform a change of authorization

Explanation

- When the NAS sends a packet to a local server, that server may add attributes to the packet
- Those attributes are NOT understood by the NAS
- The local server do the inverse process with CoA proxy
- i.e. remove any attributes it had added

Discussion?