RPL Unaware Leaves

draft-ietf-roll-unaware-leaves

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ROLL Virtual Meeting
Status to the draft

- AD review (thx Alvaro!) AD Evaluation::AD Followup
- Discussion on terms RUL, 6LN, 6LR; rewording there
- Blocked on the status of the RPL config option flags
- Resolution posted on 3 drafts (see useofrplinfo)
- Published -20, 21 coming up
- In Mop 7: “the Root is expected to perform the proxy operation by default.”
THANKS!
Non-Storing Mode overhead (RAN)
Storing-Mode Routing stretch (RAN)

Same packet format from RAL to:
- Other RAL
- Root
- The Internet

Due to RPI option type now 0x23
Non-Storing Routing stretch (RAN)
Non-Storing Routing stretch Alt (RAN)

Src: 51
Dest: Root
RPI
Src: 51
Dest: 52
Stuff

Src: Root
Dest: 52
RPI
Via: 11
Via: 22
Via: 32
Via: 42
Src: X
Dest: 52
Stuff
Any Mode from RUL To *

Src: 41
Dest: Root
RPI
Src: 51
Dest: Stuff

Src: 51
Dest: Root
Src: 51
Dest: Stuff

Dest: Root

Dest: Internet

Src: 51
Dest: 56
RPI
Src: 51
Dest: 56
Stuff

e.g. Storing to RAN
Storing Mode To RUL

RUL addresses injected in non-storing mode so packet flies to the Root which encapsulated.
Storing Mode To RUL (Alt)

RUL addresses injected in non-storing mode so packet flies to the Root which encapsulated
Non-Storing Mode To RUL

RUL addresses injected in non-storing mode so packet flies to the Root which encapsulated