

LRTT

- For stations implementing the conservative mode, Topology will generate a LRTT frame when the topology stabilizes for every station in the ringlet and for both ringlets
- The LRTT frame will be similar to the FRTT frame defined in D2.3
- The response shall be sent in the opposite ringlet by all stations, regardless of their fairness implementation
- Topology will calculate the LRTT and store it the topology DB. The required accuracy is 100's of us.
- The LRTT will be initialized to "0"

LRTT

- Requirements
 - LRTT is not cleared when topology is unstable
 - LRTT shall be updated within 1 second of topology stabilization
 - A station shall respond to a LRTT within 100 msec
 - If the station is not able to respond within 100 msec it shall not respond at all
 - A new LRTT will be issued to stations that do not respond after 200 msec, until they respond

FDD

- FDD frames will be transmitted by the tail of the congestion domain periodically (10 msec to 1 s, 100 msec default)
- FDD frames will have a distinct control type value
- The payload of this frame will be a 16 bits sequence number that binds between the classA and the classC FDD
- Fairness will consider only FDD pairs