

RIB Info Model

Summary of planned updates from -05 to -06

March 5, 2015 I2RS Interim

RIB RBNF grammar

- Changed <nexthop-list> to <nexthop>
- Explicitly specify the purpose of the <nexthop> i.e., load-balance, primary/standby, replicate
- Used recursion within <nexthop>
- Created a <nexthop-base> option in <nexthop> to point to the <nexthop-chain>

RIB RBNF grammar (contd)

- Changed <nexthop-chain> to be a list of <nexthop-chain-member>
- <nexthop-chain-member> is the same as <nexthop> from -05

RIB RBNF grammar (changes that are still under discussion for -06)

- Primary/standby - use recursive definition or use a list with a preference
- Using <nexthop-chain-member> to point to interfaces in other routing-instances than the one than the incoming packet.

Changes to examples in sec 7.2.6

- Collapsed the two examples to a single example. The new example contains the load-balancing list and the replication list