

## R&S Quick Notes ? BGP

BGP - When using Communities, don't forget ?neighbor send-community? - Know your attributes and the direction which applied, when to used what. - ?aggregate address? needs a more specific prefix in the BGP table for aggregate to be advertised. - Synchronization issue has 3 solutions, 1- Load BGP on all transit routers, 2- GRE tunnel, 3- Redistribution BGP>IGP. - ?no bgp nexthop trigger? ? Disables next-hop tracking between scanner intervals. - ?no bgp fast-ext-falover? ? Force the router to wait for the dead-timer to expire, before generating notification messages , when a connected peer goes down. - ?neighbor fall-over? ? Will check neighbor connnectivity between scanner intervals, aka BGP Fast Peering. - Only the Holdtime is sent in update-msg. Two neighbors will use the lowest holdtime and then calculate the keepalive from that. - Know your Regular Expressions - Know the difference between Peer-Groups and Peer-Templates