R&S Quick Notes ? QOS

QOS] - Class class-default need ?fair-queue? if ?bandwidth? was not specified. - When using ?ip rsvp bandwidth? on a sub-interfaces, it is also required to be configured on the main interface. - When using multiple sub-interfaces with ?ip rsvp bandwidth?, the main interface should be configured to be the sum all sub-interfaces. - RSVP requires fair-queue to be enabled. With FRTS, WFQ is disabled by default, re-enable with ?frame-relay fair-queue? in the map-class. - When doing MQC configurations using the bandwidth percent command, do not forget to change the ?max-reserve-bandwidth %?. - Custom queueing defaults ? Byte-count = 1500 bytes & Queue-limit = 20. - Know the NBAR mime categories: ?image/*? or ?audio/*? or ?application/*? or ?text/*? - Voice EF class = 46 decimal and 101110 in dscp-binary. - FRTS formulas: Bc = CIR * Tc Be = (CAR ? CIR) * Tc   - WRED formula: = (1/MPD)   - CAR (Police) formula: Bc = CIR / 8 * Tc   (Default Tc = 1.5 seconds) Be = 2 * Bc