





QoS routing
 Difficult problem QoS constraints may be very diverse Bit rate, delay, delay jitter, loss ratio Additive constraints (hop count, delay) Multiplicative constraints (loss ratio) Concave constraints (bit rate) Multiple constraints often make the QoS routing problem NP-hard Integration with best-effort traffic QOS traffic not affected, but best effort may suffer Network state may change dynamically Difficult to gather up-to-date state information Performance may degrade dramatically if state information outdated
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