Core-Stateless Fair Queueing Stoica, Shenker, Zhang [Stoica03a] CSci551: Computer Networks SP2006 Thursday Section John Heidemann

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Context e2e congestion control good: simple way to get approx fairneess but: assume people cooperate fair queueing good: enforces fairness but: more complex also only gurantees fairness to flows, but F&F talk about using extra flows

Key Ideas • CSFQ: Core-Stateless Fair Queueing • not all the routers store per-flow state – core routers can be simple, therefore fast • only edge routers have per-flow state – like FQ













