

	Optimization objective
Traditional backend	<p>Minimizing backend delays</p> $\min \sum_{r \in R} t_r^{(backend)}$
QoE-driven backend	<p>Minimizing <i>impact</i> of backend delays</p> $\min \sum_{r \in R} Q \left(t_r^{(nonbackend)} \right) - Q \left(t_r^{(nonbackend)} + t_r^{(backend)} \right)$