

Retransmission-based Access Class Barring for RAN overload control in Machine Type Communications

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Outline

Aim

Solution

Result



Aim

- ▶ In order to alleviate the RAN overload,
- ▶ we focus on the objective that can increase access success probability and relieve the access delays.



Solution

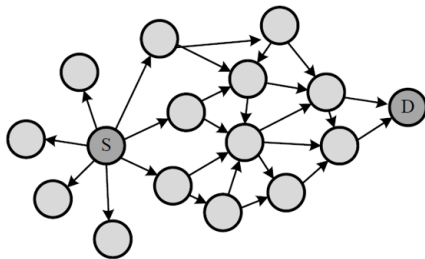


Figure: Some Figure Description

Result

Parameter	Value
Simulation Count	100 thousand
Area Width / Length	40.0 meter
eNB Intensity (λ_B)	0.01 m^{-2}
CeUE Intensity (λ_C)	0.15 m^{-2}
DeUE Intensity (λ_D)	0.15 m^{-2}
Path Loss Exponent (α)	4.0
eNB Power (P_B)	43.0 dBm
Maximum Medium Access Prob. \tilde{p}	0.9