

Parameters	Value
Total service types, $K$	10
BS service rate $f_n$	10 GHz
BS communication distance	130m
CPU cycles requirement of service $k$ , $\mu_k$	$[0.1, 0.5]$ GHz/task
BS storage space $C_n$	200 GB
Storage space requirement of service $k$ $c_k$	$[20, 100]$ GB
Unit energy consumption, $\kappa_n$	1 kWh
Computation delay for tasks offloaded to cloud, $h$	$[2, 4]$ sec/task
Smooth factor, $\tau$	$10^{-2}$
Energy for cooling and communication traffic, $\tilde{E}_n^t$	$[0, 3]$ kWh