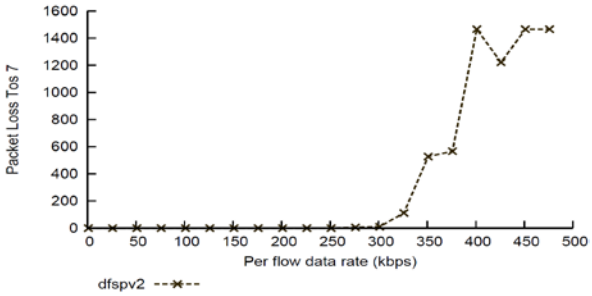

Figure 10: Packet loss for high priority traffic with policing, number of lost packets in terms of offered traffic load.

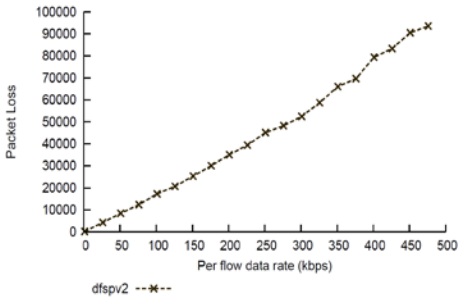

Figure 11: Total packet loss when applying policing and resource reservation , number of lost packets in terms of offered traffic load.

reservation is used, neither signaling traffic nor data traffic is forwarded over networks without sufficient resources.

In our example, we differentiate traffic by TOS, but we could also police traffic based on e.g., source, destination, protocol type, and visited intermediate nodes. The idea is to ensure that networks forward traffic as intended. In these simulations we have used a static network topology to represent an environment of mobile networks. The overlay network will not experience the same mobility as a MANET since it is the job of the underlying network to reroute the link between overlay nodes, however there will be some long time link breaks and lots of short brakes that we will introduce in future simulations.

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