

QoS in Mobile Ad Hoc Networks

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Report of QoS in MANets discussion (1/2)

- QoS on MANets is a new but rapidly growing area of interest:
 - Rising popularity and necessity of multimedia application.
 - Potential commercial usage of MANets.
- A review of the current trends and solutions given in the wire-based IP network: over provisioning and network traffic engineering.
- The knowledge and ideas of the QoS models, signaling, routing protocols developed for QoS in Wire-based networks can not be directly mapped to MANets.
- A review of the recent QoS models, signaling, routing protocols given in MANets.
- A complete solution for QoS in MANets requires :
 - An appropriate QoS Model.
 - A QoS Signaling Protocol.
 - A QoS Routing Protocol.
 - A QoS MAC Protocol.
 - Various supplementary mechanisms such as (CAC, Policy Managers, Queuing Mechanisms for congestion control and others).

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2

Report of QoS in MANets discussion (2/2)

- We have adopted the following resolutions:
 - A forum or mailing list.
 - Periodic meetings to identify and evaluate advanced works.
 - A draft on QoS in MANET requirements.
- More detail about the report can be found in:
<http://www.lri.fr/~badis/QoSinMANETS/>

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3