

QoS Yang Model

<http://www.ietf.org/id/draft-asechoud-rtgwg-qos-model-05.txt>

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Topics

- Status
- Recent changes to the draft
- Summary
- Next Steps

Status

- Weekly meeting to bring closure on open issues
- Resolved Open Issues in Classifier, Diffserv, Actions
- Separate Draft for QoS operational Model
- Based on the discussions, revised version:

<https://tools.ietf.org/html/draft-asechoud-rtgwg-qos-model-05>

Recent changes to the draft

- Meter Inline and Reference configuration added to Diffserv Model
- Policy type IP, IPv4, IPv6 Added
- Hierarchical Model added to Diffserv Model
- If-feature is added to action identities and Min-rate, Max-rate, Queue and Scheduler groupings
- By default, classifier has match-all-filter attribute and If-feature is added to classifier attribute 'match-any-filter'
- Conform, Exceed and Violate Meter Actions have different action capabilities

Summary

- The current model defines QoS framework of Policy, Classifier, Actions, Target
- Adaptable to any vendor QoS model. The three examples of Company A, B and C models are added.
- Augmentable to other Matches and Actions
- Extensible through various feature definitions

Next Steps

- Comments/Input from IETF Community
- Call for Adoption