

QoS Yang Model

<http://www.ietf.org/id/draft-asechoud-rtgwg-qos-model-10.txt>

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Topics

- Status
- Comments Incorporated
- Summary
- Next Steps

Status

- Taken care of the comments provided since version 07
- Based on the review comments, revised version:

<https://tools.ietf.org/html/draft-asechoud-rtgwg-qos-model-10>

Comments Incorporated

- Reference of RFC 7950 (YANG 1.1) along with RFC 6020
- Added references to Imported modules
- Added references to Yang Objects of Policer, Queues and Scheduler
- Added informative reference to RFC 8340 (Yang Tree Diagrams)
- Added reference to NMDA (RFC 8342)
- Terminology Section updated with RFC 8174

Comments Incorporated

- An Editorial note in Introduction section
- List of modules in section Modules Tree Structure
- Added a section on IANA considerations
- Updated copyright dates
- Revision dates are updated
- Acknowledgement section is updated accordingly

Additional Changes

- “when” statement in Diffserv module to restrict the configuration to Diffserv Policy types

Summary

- The current model defines QoS framework of Policy, Classifier, Actions, Target
- Derived Modules including Diffserv, Queues & Schedulers Model are augmented to Base framework
- 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

- Further Comments/Input from IETF Community
- Vendors prototyping in progress to verify functionality
- Call for Adoption