

Diffserv Yang Model

<http://www.ietf.org/id/draft-asechoud-netmod-diffserv-model-03.txt>

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Topics

- Status
- Changes since last revision
- Open Issues
- Suggestions from IETF Community
- Comments

Status

- Bi-weekly meeting to bring closure on open issues
- Established framework of Policy, Classifier, Action & Target Modules
- Based on the discussions, revised version:

<https://tools.ietf.org/html/draft-asechoud-netmod-diffserv-model-03>

Changes since last revision

- RFC 6087 compliance
- WRED to RED
- Enhanced Meter action Model
- Removed Flow Label Support
- Added Operational data model
- Removed target inline configuration model
- As per review comments, added explanation for “Why No Action Template”

Open Issues

All vendors can't support combinations of certain filters and actions

- Co-existence of queuing and non-queuing actions
- Single Scheduler Vs Multiple (per traffic class) Scheduler under a Target

Suggestions from IETF community

- For parameters supported by one Vendor, put that in vendor specific extension
- For parameters supported by some vendors, use if-feature
- For parameters supported by almost all vendors, use deviation
- Use “must” and “when” constraints referring to various combinations
- Use “type” leaf to encode different policy functions

Comments?