IETF-89, London.

AQM Recommendations

`draft-ietf-aqm-recommendation-03`

F. Baker

G. Fairhurst

Document Structure

2. The Need For Active Queue Management

3. Managing Aggressive Flows

4. Conclusions and Recommendations
4.1. Operational deployments SHOULD use AQM procedures
4.2. Signaling to the transport endpoints
4.2.1. AQM and ECN
4.3. AQM algorithms deployed SHOULD NOT require operational tuning
4.4. AQM algorithms SHOULD respond to measured congestion, not application profiles
4.5. AQM algorithms SHOULD NOT be dependent on specific transport protocol behaviours
4.6. Interactions with congestion control algorithms
4.7. The need for further research

Changes since the last version

-02 WG Draft - Minor edits Feb 14 2014

Some language fixes.

Initial conditions, such as the interface rate and MTU size or other values derived from these, MAY be required by an AQM algorithm.

an implementation MAY use more than one instance of an AQM algorithm

-03 WG Draft - Minor edits Feb 15 2014.

Comments from David Collier-Brown and David Taht.

Included MF-classifier as a classifier

Overload protection is desirable to protect traffic from misconfigured or malicious use of ECN.

Next steps

WGLC and look for wider feedback?