

IETF-90, London.

# AQM Recommendations

`draft-ietf-aqm-recommendation-06`

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# Document Structure

## 1. Introduction

### 1.1 Congestion Collapse

### 1.2 AQM to manage Latency

### 1.3 Document Overview

## 2. The Need For Active Queue Management

## 3. Managing Aggressive Flows

## 4. Conclusions and Recommendations

# Changes since the last version

## **-04 WG Draft**

Reworded text and many clarifications from WGLC

## **-05 WG Draft**

AQM defined at start of Sect 2

Reducing control loop synchronisation

Randomness SHOULD be introduced in the algorithms

## **-06 WG Draft -**

Introduction restructured

Text explaining status of RFC 2309

AQM & Bursts explained

## **-07 WG Draft**

Introduction finalised

# Update to RFC 2309

## **The document is a follow-on to RFC 2309:**

RFC 2309 is an Informational document from the IRTF

RFC 2309 established the need for AQM

RFC2309 motivated widescale deployment based on RED

## **The present WG document seeks to make RFC 2309 Historic:**

It is intended as an IETF BCP from the AQM WG.

It preserves some key recommendations, and adds to these in the light of continued work on AQM

It obsoletes the recommendation in section 5 to deploy RED as the default solution

# Next steps

Completed WGLC

Still some contributions to integrate into Introduction

Decide on updated status of RFC