Overview

• The IETF has said much about Congestion Control (CC).

• I decided to write ~4 page document on the core things that would encourage a CC to "play well”

• The RFCs already say this stuff…

• Well…. , and it took more than 4 pages!
Draft Revision

• -00 Initial draft
  • Consumed 26 key RFCs looking for wisdom - it was there but scatered.

• -01 More coherent

• -02 to Fix some annoying typos
Section 3: Principles of Congestion Control

- There are a diversity of Path Characteristics
- Flow multiplexing and congestion
- Avoiding congestion collapse
Section 4: Guidelines of Performing CC

- Connection Initialisation ("RTO", "IW")
- Using Path Capacity ("CC", "Bursts")
- Timers and Retransmission
- Responding to (potential) Congestion (congestion, ECN)
- Using More Capacity ("Slow-start", etc)
- Network Signals (Trust)
- Protection of Protocol Mechanisms ("on path", "off path")
Questions to WG

• Will / has anyone read this?

• Does anyone care?

• Who will help me? … or should I spend my time otherwise?