

# The Fate of RFC3465

Martin Duke

# RFC 3465 (Experimental)

## Congestion Avoidance

`cwnd += min (N, SMSS)`

## Slow Start

`cwnd = cwnd + min (N,  
L * SMSS) [L ≤ 2]`

# RFC 3465 (Experimental)

Congestion Avoidance

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**RECOMMENDED** in RFC  
5681 (PS)

Slow Start

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`L = 1` in RFC 5681 (PS)

`L > 2`: here be dragons

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L	with Hystart++	without Hystart++
1	hystart++ (PS)	RFC 5681 (PS)
2	hystart++ (PS)	RFC 3465 (EXP)
>2	hystart++ (PS)	?????

# Options

- Do Nothing
  - perpetuates myths about RFC 3465
- Document action to move RFC 3465 to Historic
  - Best practice for slow start now includes Hystart++
  - Non-hystart++ L=2 implementations now unspecified
- New PS RFC to standardize last bit of RFC 3465
  - Does it matter that many implementations are in this state? (with large L!)