Fast-Slow Retransmission Timeout and Congestion Control Algorithm for CoAP

draft-ietf-core-fasor-01

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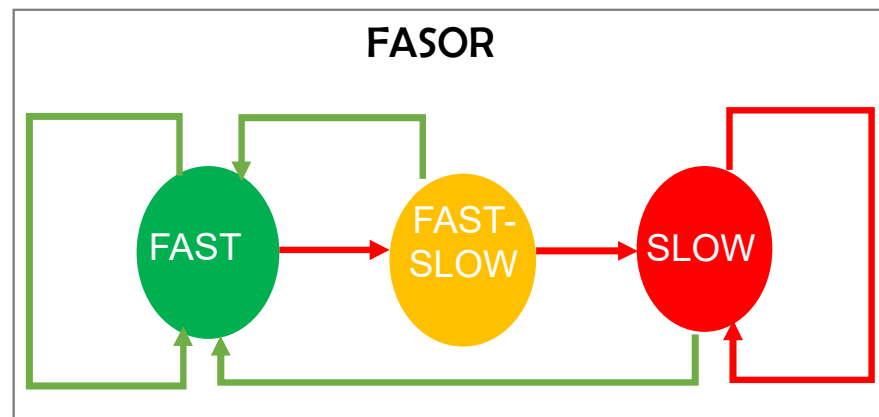
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FASOR (Fast-Slow RTO)

- FASOR is an alternative Retransmission Timeout (RTO) and congestion control algorithm for CoAP

- Optional to implement in CoAP (like CoCoA)

- 3-state RTO logic each with its own back off series

I-D History

- -00 published in March, 2020 (after WG adoption)
  - Addressed feedback from Christer regarding the Retransmission Count option
    - Clarified limitations in the option use
    - Clarified the meaning of "new destination endpoint"

- -01 published in Oct 2020
  - Clarified the use of the Retransmission Count Option value
    - i.e., increment by one for each retransmission
  - Some editorial changes

Next Steps

- More reviews and feedback would be appreciated
  - Also from tsvarea
- Then ready for WGLC?