

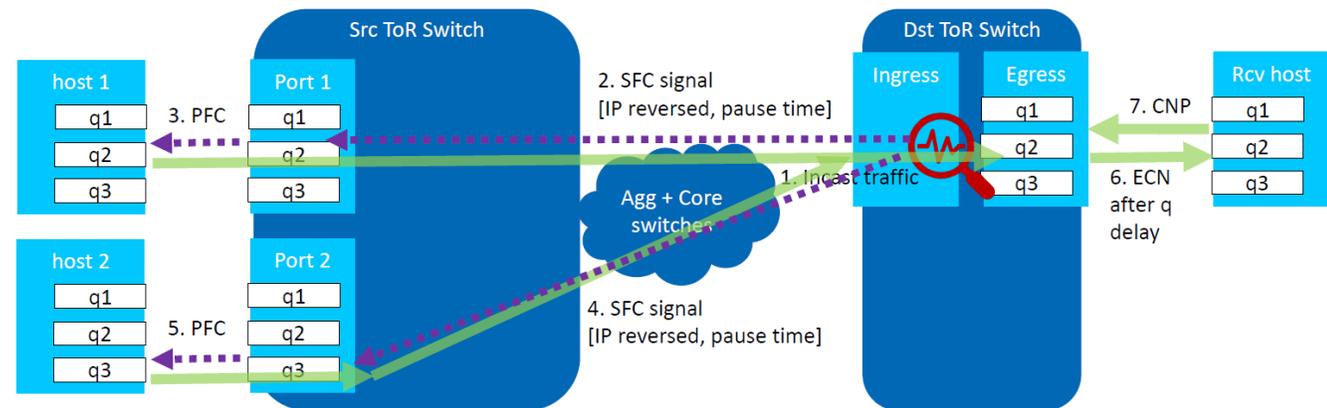
Source(Remote) PFC Status Update

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S(R)PFC Background

- Initial public presentation of the concept at Open Fabrics Alliance - March 15-19, 2021
 - https://www.openfabrics.org/wp-content/uploads/2021-workshop-presentations/503_Lee_flatten.pdf
- Previous contributions “Source Flow Control (SFC)” have been presented in Nendica.
 - <https://mentor.ieee.org/802.1/dcn/21/1-21-0055-00-ICne-source-flow-control.pdf>
 - <https://mentor.ieee.org/802.1/dcn/21/1-21-0061-00-ICne-source-remote-pfc-test.pdf>

- Unlike legacy PFC, which is triggered locally by the internal threshold (XON/XOFF) of the switch, the new method invokes PFC differently. We call it ‘remote PFC’.



From “1-21-0055-00-ICne-source-flow-control.pdf”

- Field tests have demonstrated the benefits of remote PFC.

Status & Next Steps

- Consider a modified P802.1Qcz CIM Layer-3 message
- Propose ‘Changes to 802.1Q and/or Qcz’ presentation in Nendica – Nov 2021 Plenary
- It was suggested that IETF should be aware of the activity since the proposed signaling frame is Layer-3
 - Announced in IEEE802-IETF Coordination Meeting - Monday, October 25, 2021
 - Presentation scheduled for ICCRG session - Monday, November 8, 2021 - 16:00-18:00 UTC
- Ongoing Nendica technical presentations, leading to project authorization
 - Consider a motion to develop PAR & CSD at the March 2022 Plenary