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- 802.1Qcx – YANG Data Model for Connectivity Fault Management (<https://1.ieee802.org/tsn/802-1qcx/>)
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  - 802.1CF Network Reference Model and Functional Description of IEEE 802 Access Network (<https://1.ieee802.org/omniran/802-1cf/>)
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# P802.1Qcc – Stream Reservation Protocol (SRP) Enhancements and Performance Improvements

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The full title of this PAR is “Standard for Local and Metropolitan Area Networks-Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Stream Reservation Protocol (SRP) Enhancements and Performance Improvements”.

This amendment provides protocols, procedures and managed objects for bridges and end stations that are compatible with existing mechanisms and provide:

- Support for more streams
- Configurable SR (stream reservation) classes and streams
- Better description of stream characteristics
- Support for Layer 3 streaming
- Deterministic stream reservation convergence
- UNI (User Network Interface) for routing and reservations

The first generation of the Stream Reservation Protocol (SRP) has been accepted by the Professional, Industrial, Consumer, and Automotive markets. This set of enhancements extends the capabilities of SRP as requested by those markets.

## Current Status

<b>Status</b>	PAR ( <a href="https://development.standards.ieee.org/get-file/P802.1Qcc.pdf?t=80067300003">https://development.standards.ieee.org/get-file/P802.1Qcc.pdf?t=80067300003</a> ) approved Oct 21, 2013. competed sponsor ballot recirculation 1.
<b>Editor</b>	Rodney Cummings ( <a href="mailto:rodney.cummings@ni.com">mailto:rodney.cummings@ni.com</a> )

## Archive

Date	Document
29 Aug 2013	802.1cc, Draft 0.0 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1cc-d0-0.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1cc-d0-0.pdf</a> )
10 Mar 2014	802.1Qcc, Draft 0.1 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-1.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-1.pdf</a> )

01 Nov 2014	802.1Qcc, Draft 0.2 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-2.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-2.pdf</a> )
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09 Jan 2015	802.1Qcc, Draft 0.3 proposed comment dispositions ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-3-pdis-v1.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-3-pdis-v1.pdf</a> )
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07 Jul 2015	802.1Qcc, Draft 0.4 proposed comment dispositions ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4-informal-pdis-v1.zip">http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-4-informal-pdis-v1.zip</a> )
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26 Feb 2016	802.1Qcc, Draft 0.6 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-6.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d0/802-1Qcc-d0-6.pdf</a> )
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06 Mar 2017	802.1Qcc, Draft 1.1 comment dispositions ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-1-dis-v2.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-1-dis-v2.pdf</a> )
12 Mar 2017	802.1Qcc, Draft 1.2 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-2.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-2.pdf</a> )
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24 Mar 2017	802.1Qcc, Draft 1.4 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-4.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-4.pdf</a> )

03 May 2017	802.1Qcc, Draft 1.4 proposed comment dispositions ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-4-pdis-v1.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d1/802-1Qcc-d1-4-pdis-v1.pdf</a> )
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15 Feb 2018	802.1Qcc, Draft 2.1, Sponsor ballot recirculation 1 ( <a href="http://www.ieee802.org/1/files/private/cc-drafts/d2/802-1Qcc-d2-1.pdf">http://www.ieee802.org/1/files/private/cc-drafts/d2/802-1Qcc-d2-1.pdf</a> )

## Presentations

Date	Document
30 Aug 2013	Presentation cc-cummings-editors-notes-d00-0913-v1.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2013/cc-cummings-editors-notes-d00-0913-v1.pdf">http://www.ieee802.org/1/files/public/docs2013/cc-cummings-editors-notes-d00-0913-v1.pdf</a> )
11 Nov 2013	Presentation cc-cummings-configurable-sr-classes-1113-v1.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2013/cc-cummings-configurable-sr-classes-1113-v1.pdf">http://www.ieee802.org/1/files/public/docs2013/cc-cummings-configurable-sr-classes-1113-v1.pdf</a> )
21 Jan 2014	Presentation cc-cummings-explicit-scheduling-0114-v1.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2014/cc-cummings-explicit-scheduling-0114-v1.pdf">http://www.ieee802.org/1/files/public/docs2014/cc-cummings-explicit-scheduling-0114-v1.pdf</a> )
23 Jan 2014	Presentation cc-cummings-more-streams-0114-v1.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2014/cc-cummings-more-streams-0114-v1.pdf">http://www.ieee802.org/1/files/public/docs2014/cc-cummings-more-streams-0114-v1.pdf</a> )
16 Mar 2014	Presentation cc-nfinn-Inputs-Outputs-0314-v01.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2014/cc-nfinn-Inputs-Outputs-0314-v01.pdf">http://www.ieee802.org/1/files/public/docs2014/cc-nfinn-Inputs-Outputs-0314-v01.pdf</a> )

17 Mar 2014	Presentation cc-cgunther-acceptable-latency-0314-v01.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2014/cc-cgunther-acceptable-latency-0314-v01.pdf">http://www.ieee802.org/1/files/public/docs2014/cc-cgunther-acceptable-latency-0314-v01.pdf</a> )
18 Mar 2014	Presentation new-cummings-tsn-what-talker-listener-want-0314-v1.pdf ( <a href="http://www.ieee802.org/1/files/public/docs2014/new-cummings-tsn-what-talker-listener-want-0314-v1.pdf">http://www.ieee802.org/1/files/public/docs2014/new-cummings-tsn-what-talker-listener-want-0314-v1.pdf</a> )
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