The WebSocket Protocol as a Transport for BFCP

draft-pascual-bfcpbis-bfcp-websocket-00

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Overview

- 4582bis defines TCP & UDP as transports for BFCP.

- This doc defines a new WebSocket sub-protocol for transporting BFCP msgs between WS client & server.

- The initial WS protocol handshake makes use of HTTP semantics to set up the application-level WebSocket BFCP sub-protocol.

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Overview

- We define two new transport fields to generate an SDP 'm' line for a BFCP stream over WS/WSS:

    - TCP/WS/BFCP - BFCP over WS
    - TCP/WSS/BFCP - BFCP over WSS (TLS)

- This doc doesn't restrict selection nor prevent usage of other transports (e.g., DataChannel) for BFCP. Transport selection is at the discretion of application.

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Next Steps

- Needs more reviews.

- Do we create a bfcpbis milestone for this?

- Adopt draft as a WG item?

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Thanks!

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