

DCON (Distributed Conferencing) BOF @ IETF 82

Chairs:

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Taipei, Taiwan, November 14, 2011

- Charter review:
 - Clarifying questions on charter text
 - Discussion of scope, deliverables, and timelines
 - Call for volunteers for specific work items
 - Charter hum

Charter review

The focus of this Working Group is to develop a standard solution for scalable conferencing over the Internet. The WG will define a standard suite of protocols for distributed conferencing and will draw inspiration from the work carried out in the XCON working group, which has defined a complete architecture for centralized conferencing. DCON is based on the idea that a distributed conference can be setup by appropriately orchestrating the operation of a number of XCON focus elements, each in charge of managing a certain number of participants. Interaction between each participant and the corresponding conference focus will be entirely based on the standard XCON framework, whereas inter-focus interaction will be defined by this WG.

Work items

- The WG will basically need to introduce two major functions:
 - a coordination level among conference focus entities
 - a way to effectively distribute conference state information

Planned deliverables

- DCON requirements
- A Framework for Distributed Conferencing
 - backward-compatible with XCON in the single-island case
- A survey of potential solutions to the construction and maintenance of a DCON conference repository
 - stateless, stateful, based on flooding, p2p, etc.
- Requirements for an XCON-DCON Synchronization Protocol (XDSP)
- Specification of the XDSP
- DCON call-flows draft (involving the use of XDSP)

Goals & milestones

- February 2012:
 - Submit DCON requirements document for publication as Informational
- March 2012:
 - Submit Framework document for publication as PS
- April 2012:
 - Submit XDSP Requirements document for publication as Informational
- June 2012:
 - Submit survey of solutions for the DCON conference repository for publication as Informational
- September 2012:
 - Submit XDSP Specification document for publication as PS
- January 2013:
 - Submit DCON call flows draft for publication as Informational