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