ForCES Intra-NE High Availability draft 00

IETF – 79 Beijing

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Status Changes

- Submitted as working group document draft 00 at Oct 17 2010.

- Added Jamal Hadi Salim as co-author.

Changes From Previous

- Resolved minor editorial issues and rewrites
- Removed Section 5
  - CE Fr Interface Communication.
- Removed Contributors Section
  - Jamal is now co-author
- Removed suggestion on using multicast CEIDs to associate with a group of CEs

Open Questions

- Remove Section 3.1.2?
  - Describes Responsibilities for HA (re-wording of 5810)

- Need to find academic references for HA models
  - N+M references
    - Wikipedia not good enough

- Need to articulate XML changes to FEPO
  - We need to have an extra state for each CE (master, connected, associated, stats etc) on the FEPO

Open Questions

- Configured CEID maybe different from active CEID
  - Do we need new components on FEPO to define who the master is ?
    - vs what the FEM told us
    - vs maybe what was set later by some CE
- No discussion about CE synchronization after FE re-association
  - Do we need any reference text at all?

Open Questions

- Removed text for FE to respond to all commands from all CEs
  - Do we drop and log?
  - Exception for redirected control from CEs to outside NE?
- Async events sent to all CEs but redirects to master only
  - Do we need to make it configurable to send redirects to all CEs?