ForCES WG Status

Forwarding and Control Element Separation
(IETF84 Vancouver, BC July 31st, 2012)

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Since last meeting

- LFBLib draft
  - More small changes
  - Still waiting for one more response
  - One + 0.5 open questions
  - Move to publication RSN

- CEHA
  - One + 0.5 open question
  - Move to publication RSN

- Interop draft (ready but lower prio)
LFBLib: Since last Meeting

• Version 9 Released May 22
• Small editorial/typo fixes
  – Emphasize that Redirect LFB metadata is IANA controlled
• Technical
  – TxFlowControl and RxFlowControl components (EtherMACIn/EtherMACOut) LFBs 'optional'
  – Tag all statistics components to 'optional'
  – Add optional stats to redirect LFBs.
LFBLib: Open Questions

• Outstanding response from Ed
• Open question 1:
  – EtherType change from uint32 to uint16
  – This change introduces a 16bit hole
    • Should we add a reserved 16bit field to pad?
• Open question 1.5:
  – Redirect presentation
CEHA: Since last time

- Version 3 (July 2012)
- Editorial updates
- Reverted BackupCEs to original form (ensured backwards compatibility)
- Added three comps and one capab
  - AllCEs (instead of replacing BackupCEs)
  - HAMode (specify current selected HA mode)
  - AcceptBackupGets
  - MaximumMultipleCEAssocations Capabilities
CEHA: Open Questions

• Issue 1: AcceptBackupGets
  – Set by master to allow backup CEs to do Gets
    • Do we need this flag?
      – Possible that a faulty backup CE DoSes FE
        » Prioritize different Ces?

• Issue 1.5: Refer to Redirect presentation