ATIS CSF Additional Reqs
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New Reqs based on ATIS CSF

- ATIS CSF additions involve:
  - Reservation of Resources
  - Delete Requests
  - Logging failures as well as successes
  - Logging Performance Data
  - Logging Format Extensibility

- Additional requirements affect:
  - Control Interface
  - Logging Interface

Reservation of Resources

- uCDN asks dCDN to reserve resources in anticipation of content deliveries
  - Streaming bandwidth (for live delivery)
  - Storage
- Reservation request on Control Interface
- When resource is used, include on Logging Interface

Delete Requests

- CDN providers sensitive about deleting content (they want to make sure it happens)

- Additional requirements clarify
  - Confirmation of delete complete (and all copies deleted). [Control I/F]
  - For a large content collection, if partial deletion occurs, indicate it. [Control I/F]
  - Record deletion. [Logging I/F]

Other Additions to Logging Interface

- Logging failures as well as successes
  - Add explicit requirements for failures

- Performance Data
  - CDNs may wish to capture performance information. Allow logging interface to carry various traffic statistics.
  - The specific parameters will be determined later.

- Logging Format Extensibility
  - To support carrying proprietary fields
  - Agreed upon between CDNs out of band.

Next Steps

- Please provide your feedback!
- Work towards incorporation of these requirements into WG requirements draft.