Report on
- SG UMID Applications
- RP 205 Revision AHG

Yoshi Shibata

(yoshi.shibata@metafrontier.jp)

SG UMID Applications

- **Activities since the San Jose**
  - Updated Study Report Part 2 [1]
    - Contains detailed feasibility study report on the DNS for the UMID resolution
      - w/ simulation result using "BIND", "nslookup", and "nsupdate"

  - Accepted for 2013 SMPTE Annual Technician Conference
    - "Latest Status of UMID Application Project in SMPTE"
      - http://edas.info/p14311#S1569474955
    - Circulated draft manuscript [2]

[1] https://kws.smpte.org/kws/groups/30mr-umid/documents/study4401/document?document_id=25075
[2] https://kws.smpte.org/kws/groups/30mr-umid/documents/reference_documents/document?document_id=25076

DNS-based UMID Resolution

▸ ## Why DNS-based?
  ◦ To take full advantage of the well-established technology
    • Aggregation Server, Registration, Query, Response, Security, Future extensions, Existing expertise

▸ ## How to realize it?
  ◦ SMPTE should define the followings:
    • DNS technology family as normative reference
    • Domain-based UMID representation
    • A set of `key=value` parameters to compose "Response" (incl. URL)
      • Based on DNS Text Record

Preliminary Simulation

▸ Using "BIND" (Server) and "nslookup" (client)

RP 205 Revision AHG

- Activities since the San Jose
  - Aug. 28
    - Submitted editor's final draft for internal review to Kavi
  - Sept. 20
    - Submitted revised draft hopefully for pre-ballot review to Kavi

Next Step

- ## SG UMID Applications
  - To be presented at SMPTE 2013 @Hollywood (Oct.23)
    - At "Storing and Protecting Your Assets – Part 1" Session
  - Further study on
    - UMID Applications in MXF
    - Still "Call for other technology to be additionally standardized to enhance the UMID applications"
  - Study Report Part 2
    - Hopefully completed before the Atlanta

- ## RP 205 Revision AHG
  - Hopefully pre-ballot review for the working draft

Thanks!

2013/9/21   7