RSVP App-ID Profiles
at IETF83

draft-polk-tsvwg-rsvp-app-id-vv-profiles-03

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Scope of ID

- Purpose – differentiate what traffic type is carried in each reservation

- Create registered profiles using RFC 2872 RSVP Application-ID Object for each real-time traffic class defined within RFC 4594 (which is being updated now)

RSVP APP-ID Object Template

The template from RFC 2872 is as follows:

```
              0                   1                   2                   3
   +-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
   |      PE Length (8)             |      P-type = AUTH_APP         |
   +-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
   |      Attribute Length          |   A-type =     | Sub-type =   |
   |                                | POLICY_LOCATOR|   ASCII_DN    |
   +-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
   | Application policy locator attribute data in X.500 DN format  |
   |                         (see below)                           |
   +-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
```

Creates a profile that includes the following pieces of information:
   "P-type = , A-type = , Sub-type = , GUID= , APP= , VER= "

The Broadcast Video-surveillance Profile
```
      APP_TC, POLICY_LOCATOR, ASCII_DN,
      "GUID=http://www.ietf.org/internet-drafts/
         draft-ietf-mmusic-traffic-class-for-sdp-01.txt,
      APP=broadcast.video-surveillance, VER="
```

Profiles in the Draft

Broadcast Profiles
```
Broadcast IPTV for audio and video
Broadcast Live-events for audio and video
Broadcast Video-Surveillance for video
```

Realtime-Interactive Profiles
```
Realtime-Interactive Gaming
Realtime-Interactive Remote-Desktop
Realtime-Interactive Virtualized-Desktop
```

Multimedia-Conferencing Profiles
```
Multimedia-Conferencing presentation-data
Multimedia-Conferencing application-sharing
Multimedia-Conferencing whiteboarding
```

Profiles in the Draft

Multimedia-Streaming Profiles

    Multimedia-Streaming multiplex
    Multimedia-Streaming webcast

Conversational Profiles

    Conversational Audio
    Conversational Audio Admitted
    Conversational Video
    Conversational Video Admitted
    Conversational Audio Avconf
    Conversational Audio Avconf Admitted
    Conversational Video Avconf
    Conversational Video Avconf Admitted
    Conversational Audio Immersive
    Conversational Audio Immersive Admitted
    Conversational Video Immersive
    Conversational Video Immersive Admitted

Fixed Open issues in this Version

- Added [ID-TRAF-CLASS] as a reference

- Changed to a new format of the profile string.

- Added many new profiles based on the new format into each parent category of Section 3.

- changed the GUID to refer to draft-ietf-mmusic-traffic-class-for-sdp-01.txt

- changed 'desktop' adjective to 'avconf' to keep in alignment with draft-ietf-mmusic-traffic-class-for-sdp-01.txt

- Have a complete IANA Registry proposal for each application-ID discussed in this draft.

New Open issues

– No known open issues

– MMUSIC is waiting on this WG to progress this draft before moving forward with
  - draft-ietf-mmusic-traffic-class-for-sdp

Next steps

- Dunno…