CSS Cloud BOF Meeting Notes

December 9, 2022

# Attendees

E. Barkley, C. Biggerstaff, W. Eddy, J. Liao, C. Radulescu

# General Announcements

1. AWS Aerospace & Sattelite has indicated that they are willing to consider contribution of resrouces for stanardards development if invited by CCSDS

# Encoding Discussion

1. Recalled that at the Toulouse meetings the issue of requiring ASN.1 encoding was brought up
   1. If this encoding is retained, it implies that usage of any CCSDS standards for cloud data delivery will require end user to make use of an ASN.1 compiler
   2. Desirable to keep cloud data delivery as straightforward as possible for the end user
2. Agreed that the telemetry frame is to kept as “binary blob” regardless of whatever encoding decision is taken re the surrouding metatdata

# (More) Independence from scheduling for cloud-based data transfer

1. Noted that with cloud data delivery, in the return direction there is no longer a need to be aware of the TT+C schedule for telemetry data delivery
   1. Cloud computing omni presesnce allows for notifications to be emitted when telemetry data is available
   2. In contrast SLE does require schedule knowledge to perform a bind operation sufficiently ahead of the scheduled tracking time to receive the data if operating in an online mode

# AOB (none)

The next teleconfrence date is Janauray 19, 2023