2022 Autumn AMM Detroit Planning (CVII Tech Stack)

Planning page for the Autumn AMM in Detroit.

Big themes:

- In-vehicle
- Cloud
- V2C
- Ideation on future EG

Topics (for consideration):

1. In-vehicle
   - VSS Data Storage and Sync
   - CVII Tech Stack in-vehicle arch diagram => in-vehicle data architecture
   - Data filtering
     - Real-time vs historical
     - Change set vs sample
     - Ted: If we do should consider including curvelogging and connection to EV charging
   - Autosar, Vehicle API
2. Cloud
   - CCS Architecture => Covesa Cloud Architecture
   - Ingest (Kafka etc.)
3. V2C
4. Data EG: Data Architecture / Infrastructure
   a. In-vehicle Data Storage and Sync PoC (BMW discussion - earlier discussion with MongoDB: https://www.w3.org/2022/01/25-auto-minutes)
5. VISSv2 client from UMA
   a. Has security track connection also.

Session timetable planning (Data Expert Group Working Internal planning page for COVESA AMM October 2022):

1. Steve: Very brief recap of the project scope
2. BMW/MongoDB: Presentation by BMW and MongoDB combining return of experience and input
3. All: technical workshop agreeing the next collaboration work for the in-scope touch points within In-vehicle, Vehicle2Cloud and Cloud
   a. What are the gaps? What do people want to work on?
   b. In the case of in-vehicle interest has been shown in VSS Data Storage and Sync. Work on moving that towards a plan.