

MARS – Middleware And Related Services

- **Highlights from this Meeting:**

- IDL4 to C++ Language Mapping revised submission: received status update
 - Extended to Burlingame (September 2022)
- DDS TSN Integration revised submission: received status update
 - Extended to Burlingame (September 2022)
- Discussion about additional co-chairs for MARS
 - Candidates proposed but decided to defer voting until September
- Presentation on CBDC WG (GovDTF)'s response to Federal Reserve White Paper on Central Bank Digital Currency
- Presentation on OMG Wiki Analytics and ways to use to determine areas of interest
- Status Report on MARS CORBA WG's efforts to prepare CORBA 3.4 Explanatory Report for ISO

- **Highlights from this Meeting (continued)**
 - Presentation by MARS FACE Interop WG on comparison between IDL language mappings used by FACE and OMG's specifications for same
 - Two options proposed to improve how FACE employs IDL and its language mappings
 - Joint with Blockchain PSIG
 - Based on report, placed three items on hold:
 - Disposable Self Sovereign ID RFP, Pattern Language for Smart Contracts RFI, IOTA Protocol RFC
 - Distributed Immutable Data Objects (DIDO) RA
 - Defer publication until September in Burlingame
 - Presentation on Cloud WG's Anything as a Service (XaaS) Glossary DP, as well as, plans for future DPs
 - Approved for publication

- **Highlights from this Meeting (continued)**

- FACE Interop/CORBA, IDL and SNC WGs met
 - FACE Interop WG & CORBA WG have adopted the practice of meeting jointly
 - Received report from Interop's IDL4 SubWG/Team regarding their IDL language mapping comparison effort
 - » Plans to present their report with two options to FACE for feedback
 - Discussed preparation of Explanatory Report for ISO on CORBA 3.4
 - » Richard Beatch (Bloomberg) provided essential background during report out
 - » Solid plans to have report ready by July 15th
 - IDL WG:
 - After report from FACE Interop IDL4 SubWG, discussed whether should consider developing an IDL4 mapping for FACE
 - Worked on IDL4 to C++ Submission and IDL4 RTF issues
 - IEF WG:
 - Reported on how Data Centric Security (DCS) based on the IEF RA is being used to support NATO's Secure Data Service
 - SNC WG: did not meet

- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s):
 - none
- RFP/RFI/RFC Recommendation(s):
 - none
- TF Documents Issued
 - XaaS (Anything as a Service) Glossary DP

- **Future Deliverables (In-Process):**

- Technology Adoptions
 - DDS-TSN: revised submission, Aug 22nd, 2022
 - IDL4 to C++ Language Mapping: revised submission, Aug 22nd, 2022
 - DDS C# API: revised submission, Aug 22nd, 2022
 - IDL4 to Python Language Mapping, revised submission, Aug 22nd, 2022
 - Linked Encrypted Transaction Streams (LETS): revised submission, Aug 22nd, 2022
 - TCP/IP PSM for DDS Interoperability: revised submission, Nov 7th, 2022

- **Future Deliverables (In-Process) continued:**
 - RFP/RFI/RFC Recommendations to Issue
 - none
 - TF Documents
 - Distributed Immutable Data Objects (DIDO) RA V4.0: publish 2022 Q3?
 - Cloud WG Discussion Papers:
 - Practical Guide to Cloud Data Governance: publish 2022 Q3
 - Cloud Service Agreement Template: publish 2022 Q4
 - Practical Guide to Cloud Computing, version 4: publish 2023 Q?
 - Cloud Myths and Realities: publish TBD
- **Liaisons**
 - FACE Consortium (MOU in process)

- **Agenda Items for the Next Meeting:**
 - Review revised submissions:
 - DDS C# API
 - DDS TSN Integration
 - IDL4 to C++ Mapping
 - IDL4 to Python Mapping
 - Linked Encrypted Transaction Streams (LETS)
 - Joint with BC PSIG:
 - DIDO RA V4 DP: review for publication
 - Cloud WG discussion papers:
 - Cloud Service Agreement Template DP: discuss
 - PG to Cloud Data Governance DP: review, publish?
 - Elect additional MARS Co-chairs
 - Continue collaboration with BC PSIG, Cloud Working Group, OCS DSIG, FACE Consortium
 - MARS WGs to meet: IDL, IEF, FACE Interop, CORBA, SNC?