



OBJECT MANAGEMENT GROUP®

TC Meeting Date: 18 Sept 2020

Reporting Chair: Char Wales

Group page (URL): <https://www.omg.org/mars/>

Group email: mars@omg.org

MARS – Middleware And Related Services

• Highlights from this Meeting:

- Reviewed Draft IDL4 to C++ Language Mapping RFP, recommended for issuance
- Reviewed Initial Submission of DDS C# API
- Received Status update on Space Telecommunication Interface (STI) for SDRs
- Received presentation on FACE TSS relationship to DDS and CORBA
 - Decided to form a Team to investigate interoperability with FACE TSS v3.0
 - Potential output: a Discussion Paper
- Joint meeting with BC PSIG
 - Reviewed next draft of Linked Encryption Streams (LETS) RFP
 - Presentation on proposed Self-Sovereign Identity RFI: discussed purpose and intended content
 - Presentation on future IOTA Protocol RFC: discussed plans for issuance
 - Discussed plans for DIDO Reference Architecture 3.0 Discussion Paper



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- **Highlights from this Meeting:**

- Extended STI for SDR to 9 November 2020 (December meeting)
- Extended IEPPS to 22 February 2021 (March meeting)
- Issued RFP for IDL4 to C++ Language Mapping
- IDL, SNC, CORBA WGs met
 - CORBA WG: prepared presentation for MARS Thursday morning plenary
 - IDL WG: Discussed and resolved all open issues for the IDL4 to C# mapping FTF
 - SNC WG: Reviewed and addressed comments from AB on STI for SDR submission



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - None
- RFP/RFI/RFC Recommendation(s)
 - IDL4 to C++ Language Mapping RFP
- TF Documents Issued
 - None

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

- Technology Adoptions
 - DDS C# API: revised submission, 22 Feb 2021
 - DDS-TSN: revised submission, 09 Nov 2020
 - IEF Policy Based Packaging Service (IEPPS): revised submission, 22 Feb 2021
 - REST for CORBA: revised submission 09 Nov 2020
 - STI for Software Defined Radios (SDRs): revised submission, 09 Nov 2020
 - TCP/IP PSM for DDS Interoperability: revised joint submission, 09 Nov 2020



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

- RFP/RFI/RFC Recommendations

- IOTA Protocol RFC (issue in 2021 Q1?)
- Linked Encryption Transaction Streams (LETS) RFP (issue in 2020 Q4?)

- TF Documents

- IEF Ecosystem of Interoperability Discussion Paper (draft in 2021 Q3?)
- Cloud WG Discussion Papers,
 - Cloud Bibliography (Issue 2020 Q4?)
 - First draft of Data Governance and/or Cyber Insurance for Cloud Service (Issue 2021 Q?)

- **Liaisons**

- None



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• Agenda Items for the Next Meeting

- Review revised submissions:
 - DDS-TSN
 - STI for SDRS
 - TCP/IP PSM for DDS Interop
 - REST for CORBA
- Receive first report from the FACE Interoperability Team
- Review Cloud WG Discussion Papers
 - Cloud Bibliography
 - Potentially first drafts of Data Governance and/or Cyber Insurance for Cloud Service
- Joint with BC PSIG:
 - Self-Sovereign Identity RFI: presentation
 - IOTA Protocol RFC: review draft
 - Linked Encrypted Transaction Streams (LETS) RFP: review and issue
 - DIDO Reference Architecture (RA) 3.0: presentation on next version
 - DIDO Reference Implementation (RI) and Data Model: present updates on both
- Continue collaboration with BC PSIG, Cloud Working Group, FACE Consortium
- MARS WGs and teams to meet: IDL, HPEC, IEF, SNC, & CORBA WGs; FACE Interop Team