



OBJECT MANAGEMENT GROUP ®

TC Meeting Date: June 18, 2021

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:**

- DIDO Reference Architecture (RA) 3.0 Discussion Paper: reviewed and recommended for publication
- IDL4 to C++ Language Mapping RFP: reviewed initial submission/ extended to Nov 8, 2021 (December meeting)
- DDS-TSN RFP: status update / extended to Nov 8, 2021 (December meeting)
- TCP/IP PSM for DDS Interop: status update / extended to Feb 21, 2022 (March meeting)
- Linked Encrypted Transaction Streams (LETS) RFP: status update / reopened the process
- Disposable Self-Sovereign Identities (SSID) RFI: extended response deadline to Sept 13, 2021
- DDS Service-based Discovery RFP: discussed requirements and need
- IDL4 to Python Language Mapping RFP: reviewed draft RFP
- Cloud Working Group: discussed future plans
- Received impromptu introduction to Open Civic Architecture Framework (OCAF)



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- **Highlights from this Meeting (continued):**
 - Joint meeting with BC PSIG
 - Smart Contracts RFI: reviewed next draft
 - Disposable Self-Sovereign Identifiers RFI: reviewed latest response
 - IOTA Protocol RFC: received update
 - Linked Encrypted Transaction Streams (LETS): status update
 - DIDO Reference Architecture 3.0 Discussion Paper: reviewed
 - IDL, IEF, and FACE Interop WGs met.
 - FACE Interoperability WG: discussed MOU for joint FACE Consortium / OMG WG, and mechanisms for interaction
 - IDL WG: Worked on IDL4 to C++ language mapping submission
 - IEF WG: Discussed re-focus of IEF to support public cloud



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s): none
- RFP/RFI/RFC Recommendation(s): none
- TF Documents Issued
 - DIDO Reference Architecture (RA) 3.0 Discussion Paper

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

- Technology Adoptions
 - DDS C# API: revised submission, 30 Aug 2021
 - DDS-TSN: revised submission, Nov 8, 2021
 - TCP/IP PSM for DDS Interoperability: revised submission, Feb 21, 2022
 - IDL4 to C++ Mapping: revised submission, Nov 8, 2021
 - Linked Encrypted Transaction Streams (LETS): initial submission, Aug 30, 2021



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

- RFP/RFI/RFC Recommendations to Issue

- IDL4 to Python Language Mapping RFP: issue 2021 Q4 ?
- DDS Service-based Discovery RFP: issue 2021 Q4
- Smart Contracts RFI: issue 2021 Q3
- IOTA Protocol RFC: issue 2021 Q4?

- TF Documents

- Cloud WG Discussion Papers,
 - Practical Guide to Cloud Data Governance: publish in 2021 Q3
 - Cloud Service Agreement Template: publish in 2021 Q3
 - XaaS (working title): publish in 2021 Q4

- **Liaisons**

- Future: FACE Consortium



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- **Agenda Items for the Next Meeting**

- Review initial submission:
 - Linked Encrypted Transaction Streams
- Review revised submissions:
 - DDS C# API
- Review draft RFPs
 - IDL4 to Python Language Mapping
- Discuss DDS Service-based Discovery
- Review Cloud Service Agreement Template Discussion Paper
- Review Practical Guide to Cloud Data Governance Discussion Paper
- Presentation on Open Civic Architecture Framework (OCAF)
- Joint with BC PSIG:
 - Linked Encrypted Transaction Streams RFP: review initial submission
 - Disposable Self-sovereign Identities (SSID) RFI: review additional responses
 - Smart Contracts RFI: review for issuance
 - IOTA Protocol RFC: review next draft
- Continue collaboration with BC PSIG, Cloud Working Group, FACE Consortium
- MARS WGs to meet: IDL, IEF, FACE Interop, SNC?, CORBA?