



OBJECT MANAGEMENT GROUP®

TC Meeting Date: 13 Dec 2019

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:**

- IDL4 to C# Language Mapping: reviewed, recommended for adoption
- DDS C# API RFP: reviewed, recommended for issuance
- Cyber Insurance RFI: reviewed, recommended for issuance
- Cloud Working Group Discussion Paper Roadmap: reviewed status
- IEPPS: reviewed revised submission, extended to September 2020 meeting
- IEF Ecosystem of Interop Discussion Paper & Roadmap: presented and discussed
- TCP/IP PSM for DDS Interop: reviewed progress, extended to Boston
- DDS-TSN: reviewed progress, extended to Reston



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• **Highlights from this Meeting, continued:**

– Joint meetings with BC PSIG

- BC Ecosystem Interop RFI: discussed strategies to elicit more responses
- Linked Encryption Transaction Streams (LETS) RFP: presentation on evolving RFP
- “Event Handler” RFP: presentation on potential RFP
- IOTA Tangle RFC: presented update
- DIDO Reference Architecture 2.0 Discussion Paper: reviewed next version
- DIDO Test Environment (TE): Presentation and demo

– IDL, SNC, CORBA, IEF WGs met.

- IDL WG: Working on IDL4 to C++ RFC (and other mapping efforts).
- CORBA WG: discussed CORBA and IDL related issue vis a vis FACE specs



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - IDL4 to C# Language Mapping
- RFP/RFI/RFC Recommendation(s)
 - Cyber Insurance RFI
 - DDS C# API RFP
- TF Documents Issued
 - None

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

- Technology Adoptions
 - DDS-TSN: revised submission, 24 Feb 2020
 - IEF Policy Based Packaging Service (IEPPS): revised submission, 17 August 2020
 - TCP/IP PSM for DDS Interoperability: revised joint submission, 18 May 2020
 - REST for CORBA: initial submission 18 May 2020
 - STI for Software Defined Radios (SDRs): initial submission, 24 Feb 2020



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

- RFP/RFI/RFC Recommendations

- IOTA Tangle RFC
- "Event Handler" RFP
- Linked Encryption Transaction Streams (LETS)
- IDL4 to C++ Mapping RFC

- **Liaisons**

- None



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• Agenda Items for the Next Meeting

- DDS-TSN RFP: review revised submission
- STI for SDRs RFP: review initial submissions
- Cyber Insurance RFI: review responses
- IDL to C++ RFC: review draft
- *IEF Ecosystem of Interoperability* Discussion Paper: review draft
- *Practical Guide to Data Governance in the Cloud* Discussion Paper: review draft
- Joint with BC PSIG:
 - IOTA Tangle RFC: review and issue?
 - Event Handler RFP: review draft
 - Linked Encrypted Transaction Streams (LETS) RFP: review draft
 - Blockchain Ecosystem Interoperability RFI: review responses
 - DIDO RA v2.0: review and publish
 - DIDO Test Environment: presentation and demo
 - DIDO Reference Implementation: introduction and demo
- Continue collaboration with BC PSIG, Data Governance, FACE Consortium
- WGs to meet: IDL, IEF, SNC, CORBA