



OBJECT MANAGEMENT GROUP®

TC Meeting Date: 29 September 2017
Reporting Chair: Char Wales
Group page (URL): <http://mars.omg.org/>
Group email: mars@omg.org

MARS – Middleware And Related Services

- **Highlights from this Meeting:**

- DDS to OPC/UA Gateway: Progress report on revised submission; extended submission date two meeting cycles
- DDS-XRCE: Revised submission presentations (2); Evaluation team formed, initial report in Burlingame
- IDL4 to Java Language Mapping: Reviewed Draft RFP
- IEF Policy-Based Packaging Service: Discussed & revised draft RFP
- UML Profile for ROSETTA: Reviewed Draft RFC and Case Studies
- SNC RFI: Reviewed RFI and voted to issue
- DDS JSON: Discussed way forward and agreed to draft RFP
- TCP/IP PSM for DDS Interoperability RFP: Reviewed final RFP and voted to issue
- DIDO Discussion Paper: Reviewed content of potential DIDO Reference Architecture



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - N/A
- RFP/RFI/RFC Recommendation(s)
 - Secure Network Communications RFI
 - TCP/IP PSM for DDS Interoperability RFP
- TF Documents Issued
 - N/A

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

- Technology Adoptions
 - DDS-XRCE (Extremely Resource Constrained Environments): extended revised submission to 19 February 2018
 - DDS to OPC UA (Open Platform Communication - Unified Architecture) Gateway: extended revised submission to 19 February 2018
 - TCP/IP PSM for DDS Interoperability: Initial submission 19 February 2018
- RFP/RFI/RFC Recommendations
 - IDL4 Language Mapping RFP
 - UML Profile for ROSETTA (Relational Oriented Systems Engineering Technology Tradeoff Analysis) RFC
 - DDS JSON Mapping RFP
 - IEPPS (IEF Policy-based Packaging Service) RFP

- **Liaisons**

- None



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- **Agenda Items for the Next Meeting:**

- IEF Policy Based Packaging Service RFP: Review and issue
- IDL4 to Java Mapping RFP: Review and issue
- UML Profile for ROSETTA RFC: Review and issue
- DDS-XRCE: Review evaluation team progress report
- Preparing IDL 4.2 for ISO: Progress report
- DIDO Discussion Paper: Review next draft
- Data Residency Maturity Model: review draft discussion paper
- WGs to meet: IDL, IEF, SBC/SDR
- DDS XRCE Evaluation Team to meet