MARS – Middleware And Related Services

• Highlights from this Meeting:
  – DDS XML Consolidation RFC: Completed 2\textsuperscript{nd} reading and recommended for adoption
  – DDS TCP/IP PSM RFP: Reviewed draft RFP
  – IDL4 to Java Mapping: Reviewed draft RFP
  – IEF Reference Architecture: Reviewed final submission and recommended for adoption
  – UML Profile for ROSETTA: Reviewed draft RFC
  – MARTE: Reviewed status and future plans for updates
  – SBC/SDR: Met for 1\textsuperscript{st} working group and decided to draft an RFI to focus charter
  – DDS & IDL ISO Submissions: Discussed strategy; IDL 4.1 to be starting point
  – DIDO Networks: Discussed technology; applicability to existing and new OMG standards
  – SMPaaS: Demo of Use Case for DIDO Networks
• Deliverables from this Meeting:
  – Technology Adoption Recommendation(s)
    • IEF Reference Architecture
    • DDS XML Consolidation RFC
  – RFP/RFI/RFC Recommendation(s) : None
  – TF Documents Issued : None

• Future Deliverables (In-Process):
  – Technology Adoptions
    • DDS to OPC UA (Open Platform Communication - Unified Architecture) Gateway
    • DDS XRCE (eXtremely Resource Constrained Environments)
  – RFP/RFI/RFC Recommendations
    • TCP/IP PSM for DDS Interoperability RFP
    • IDL4 to Java RFP
    • XML JSON Mapping for DDS RFC/RFP
    • UML Profile for ROSETTA (Relational Oriented Systems Engineering Technology Tradeoff Analysis) RFC
    • SBC/SDR RFI
    • IEF Policy-based Packaging Service (IEPPS) RFP

• Liaisons
  – None
• Agenda Items for the Next Meeting:
  – OPC-UA Gateway: Review revised submission
  – TCP/IP PSM for DDS Interop RFP: Review and issue?
  – IDL4 to Java RFP: Review and issue?
  – UML Profile for ROSETTA RFC: Review and issue?
  – XML JSON Mapping for DDS RFC/RFP: Discussion re RFP or RFC
  – SBC/SDR RFI: Review draft, possibly issue?
  – IEF Policy-based Packaging Service (IEPPS): Discussion of strategy for RFP
  – Recasting DDS specs for ISO: Review explanatory report for IDL 4.1
  – DIDO Networks: Review discussion paper
  – WGs to meet: IDL, IEF, SBC/SDR