MARS – Middleware And Related Services

• Highlights from this Meeting:
  – DDS XML Consolidation RFC: Reviewed final and recommended for issuance
  – DDS to OPC/UA Gateway: Progress report on joint submission
  – IDL4 to Language Mappings: Reviewed Java 8 mapping; decided on single RFP for multiple language mappings per common structure
  – IEF Reference Architecture: Reviewed final submission; adoption expected in Brussels
  – IEF Info Day: Successful. Uncovered opportunities for application to additional domains.
  – Data Residency: Reviewed final version of discussion paper and voted to issue as MARS document
  – UML Profile for ROSETTA: Received initial Draft version for review prior to Brussels
  – SBC/SDR: Agreed to establish a WG with first organizational meeting in Brussels
  – RIA Dynamic Component Model: Canceled technology process
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • N/A
  – RFP/RFI/RFC Recommendation(s)
    • DDS XML Consolidation RFC
  – TF Documents Issued
    • Data Residency Discussion Paper

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • DDS-XRCE (Extremely Resource Constrained Environments): extended to August 28\(^{th}\) 2017, 4 wk deadline for New Orleans
    • DDS to OPC UA (Open Platform Communication - Unified Architecture) Gateway: extended to August 28\(^{th}\) 2017, 4 wk deadline for New Orleans
    • IEF (Information Exchange Framework) RA: extended to May 8\(^{th}\) 2017, 4 wk deadline for Brussels
    • UML Profile for ROSETTA (Relational Oriented Systems Engineering Technology Tradeoff Analysis) RFC
  – RFP/RFI/RFC Recommendations
    • TCP/IP PSM for DDS Interoperability RFP
    • IDL4 Language Mapping RFP

• **Liaisons**
  – None
• **Agenda Items for the Next Meeting:**
  – DDS XML Consolidation RFC: Review comments & recommend adoption?
  – TCP/IP PSM for DDS Interop RFP: Review draft
  – IEF Reference Architecture: Recommend adoption
  – IDL4 to Language Mapping RFP: Review draft
  – UML Profile for ROSETTA RFC: Review draft
  – Recasting DDS specs for ISO: Progress report
  – WGs to meet: IDL, IEF, SBC/SDR