MARS – Middleware And Related Services

• Highlights from this Meeting:
  – DDS-Time Sensitive Networking (TSN) Integration – reviewed RFP; recommended for issuance
  – TCP/IP PSM for DDS – progress report; on target for Seattle
  – IDL4 to Java Mapping – reviewed initial submission
  – IDL4 to C# Mapping – reviewed initial Draft RFP
  – IEPPS – process schedule housekeeping; set exact revised submission date
  – REST for CORBA Presentation and Demonstration – potential new process
  – Discussions about potential new processes
• Deliverables from this Meeting:
  – Technology Adoption Recommendation(s)
    • None
  – RFP/RFI/RFC Recommendation(s)
    • DDS-TSN Integration RFP
  – TF Documents Issued
    • None

• Future Deliverables (In-Process):
  – Technology Adoptions
    • TCP/IP PSM for DDS Interoperability: Revised joint submission 12 November 2018
    • IDL4 to Java Language Mapping: Revised submission 12 November 2018
    • IEF Policy Based Packaging Service (IEPPS): Initial submission 12 November 2018
    • DDS to JSON Syntax Mapping: Initial submission 12 November 2018
  – RFP/RFI/RFC Recommendations
    • None

• Liaisons
  – None
• Agenda Items for the Next Meeting:
  – TCP/IP PSM for DDS Interoperability: Review revised submission
  – IDL4 to Java Language Mapping: Review revised submission
  – IEF Policy Based Packaging Service (IEPPS): Review initial submission
  – DDS to JSON Syntax Mapping: Review initial submission
  – IDL4 to C# Mapping RFP: Review and issue?
  – STRSA RFC: present progress or completed RFC, issue?
  – Discussions about potential new processes:
    • IDL4 mapping to Java with CORBA constructs
    • IDL4 to C++ mapping with backward compatibility with CORBA IDL
    • REST/JSON for CORBA
  – DIDO Reference Architecture: Follow-up activities TBD
  – Presentation by Cloud WG on future discussion papers
  – Presentation on ManTIS SENSR RFP
  – Joint mtng with Finance
  – WGs to meet: IDL, IEF, SNC