MARS – Middleware And Related Services

• Highlights from this Meeting:
  – REST for CORBA: reviewed in-progress Draft RFP
  – Space Telecommunications Interface RFP: reviewed and recommended for issuance
  – PG to Cloud Governance: reviewed and issued discussion paper
  – Joint meetings with FDTF/BC PSIG
    • Reviewed IOTA Tangle/Node RFC
    • Reviewed Balanced Ternary Data Encoding and Transformation RFC; recommended for issuance
    • DIDO RA Ecosystem: discussed groundwork for future RFP
  – TCP/IP PSM for DDS: progress report, extended to Long Beach
  – IDL4 to C# Mapping: reviewed initial submission
  – DDS-TSN Integration: reviewed initial submission
  – IDL4 to Java Mapping: reviewed revised submission; recommended for adoption
  – DDS to JSON Syntax Mapping: reviewed revised submission; recommended for adoption
  – Presentations on UML Profile for Testing (UTP2): quick intro and a real-world example using UTP2
  – SNC and IDL WGs met; Decision to form CORBA WG
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • IDL4 to Java Mapping
    • DDS to JSON Syntax Mapping
  – RFP/RFI/RFC Recommendation(s)
    • None
  – TF Documents Issued
    • PG to Cloud Governance Discussion Paper

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • DDS-TSN integration: Revised submission, 11 Nov 2019
    • IDL4 to C# Mapping: Revised submission 11 Nov 2019
    • IEF Policy Based Packaging Service (IEPPS): Revised submission 11 Nov 2019
    • TCP/IP PSM for DDS Interoperability: Revised joint submission, 11 Nov 2019
  – RFP/RFI/RFC Recommendations
    • Space Telecommunications Interface RFP
    • REST for CORBA RFP
    • IOTA Tangle/Node RFC

• **Liaisons**
  – None
• **Agenda Items for the Next Meeting**
  
  – REST for CORBA RFP: review and issue?
  – Joint with Space DTF:
    • Space Telecommunications Interface RFP: review revision and re-issue
  – Joint with FDTF/BC PSIG:
    • IOTA Tangle/Blockchain Node RFC: review and issue?
    • Blockchain Ecosystem Interoperability RFI: review and issue?
    • DIDO RA Ecosystem discussion: continue laying groundwork for future RFP
  – CWG Discussion papers “Cloud Service Agreements: What to expect and what to negotiate?”: review and issue?
  – Continue collaboration with Finance, BC PSIG, Data Governance, FACE Consortium
  – WGs to meet: IDL, IEF, SNC, CORBA