MARS – Middleware And Related Services

• Highlights from this Meeting:
  – IDL4 to C# Language Mapping: reviewed, recommended for adoption
  – DDS C# API RFP: reviewed, recommended for issuance
  – Cyber Insurance RFI: reviewed, recommended for issuance
  – Cloud Working Group Discussion Paper Roadmap: reviewed status
  – IEPPS: reviewed revised submission, extended to September 2020 meeting
  – IEF Ecosystem of Interop Discussion Paper & Roadmap: presented and discussed
  – TCP/IP PSM for DDS Interop: reviewed progress, extended to Boston
  – DDS-TSN: reviewed progress, extended to Reston
• **Highlights from this Meeting, continued:**
  – Joint meetings with BC PSIG
    • BC Ecosystem Interop RFI: discussed strategies to elicit more responses
    • Linked Encryption Transaction Streams (LETS) RFP: presentation on evolving RFP
    • “Event Handler” RFP: presentation on potential RFP
    • IOTA Tangle RFC: presented update
    • DIDO Reference Architecture 2.0 Discussion Paper: reviewed next version
    • DIDO Test Environment (TE): Presentation and demo
  – IDL, SNC, CORBA, IEF WGs met.
    • IDL WG: Working on IDL4 to C++ RFC (and other mapping efforts).
    • CORBA WG: discussed CORBA and IDL related issue vis a vis FACE specs
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • IDL4 to C# Language Mapping
  – RFP/RFI/RFC Recommendation(s)
    • Cyber Insurance RFI
    • DDS C# API RFP
  – TF Documents Issued
    • None

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • DDS-TSN: revised submission, 24 Feb 2020
    • IEF Policy Based Packaging Service (IEPPS): revised submission, 17 August 2020
    • TCP/IP PSM for DDS Interoperability: revised joint submission, 18 May 2020
    • REST for CORBA: initial submission 18 May 2020
    • STI for Software Defined Radios (SDRs): initial submission, 24 Feb 2020
• **Future Deliverables (In-Process) continued:**
  – RFP/RFI/RFC Recommendations
    • IOTA Tangle RFC
    • ”Event Handler” RFP
    • Linked Encryption Transaction Streams (LETS)
    • IDL4 to C++ Mapping RFC

• **Liaisons**
  – None
• **Agenda Items for the Next Meeting**
  – DDS-TSN RFP: review revised submission
  – STI for SDRs RFP: review initial submissions
  – Cyber Insurance RFI: review responses
  – IDL to C++ RFC: review draft
  – *IEF Ecosystem of Interoperability* Discussion Paper: review draft
  – *Practical Guide to Data Governance in the Cloud* Discussion Paper: review draft
  – Joint with BC PSIG:
    • IOTA Tangle RFC: review and issue?
    • Event Handler RFP: review draft
    • Linked Encrypted Transaction Streams (LETS) RFP: review draft
    • Blockchain Ecosystem Interoperability RFI: review responses
    • DIDO RA v2.0: review and publish
    • DIDO Test Environment: presentation and demo
    • DIDO Reference Implementation: introduction and demo
  – Continue collaboration with BC PSIG, Data Governance, FACE Consortium
  – WGs to meet: IDL, IEF, SNC, CORBA