MARS – Middleware And Related Services

• Highlights from this Meeting:
  – IDL4 to C# Mapping – reviewed draft RFP, recommended for issuance
  – TCP/IP PSM for DDS – progress report, extended to June, 2019 (Amsterdam)
  – IDL4 to Java Mapping – reviewed revised submission, extended to March, 2019 (Reston)
  – IEPPS – reviewed initial submission
  – DDS to JSON Syntax Mapping – reviewed initial submission
  – Discussions about potential new processes
    • IDL4 mapping to Java with CORBA constructs
    • REST/JSON for CORBA: “RESTful CORBA”
  – Discussed ideas for a DIDO testing facility
  – Joint meeting with Finance re: Blockchain & Distributed Ledger Technology
  – Presentation on ManTIS SENSR RFP → Presentation on XTCE
  – Discussion on Cloud WG Discussion Papers: 2 ready end of year; one for March.
  – IDL, IEF and SNC WGs met
• Deliverables from this Meeting:
  – Technology Adoption Recommendation(s)
    • None
  – RFP/RFI/RFC Recommendation(s)
    • IDL4 to C# Mapping RFP
  – TF Documents Issued
    • None

• Future Deliverables (In-Process):
  – Technology Adoptions
    • TCP/IP PSM for DDS Interoperability: Revised joint submission, 20 May 2019
    • IDL4 to Java Language Mapping: Revised submission 18 February 2019
    • IEF Policy Based Packaging Service (IEPPS): Revised submission 20 May 2019
    • DDS to JSON Syntax Mapping: Revised submission 20 May 2019
  – RFP/RFI/RFC Recommendations
    • None

• Liaisons
  – None
• **Agenda Items for the Next Meeting:**
  – IDL4 to Java Language Mapping: review revised submission & vote to adopt
  – SNC RFC: present RFC, issue?
  – “RESTful CORBA” : Status report on RFP preparation
  – DIDO Reference Architecture: Follow-up activities TBD
  – *Practical Guide to Cloud Governance* (CWG Discussion paper): review and vote to publish
  – Continue collaboration with Finance, Data Governance, ManTIS
  – WGs to meet: IDL, IEF, SNC