MARS – Middleware And Related Services

• Highlights from this Meeting:
  – Blockchain Smart Contracts RFI: reviewed emerging draft; explored new mechanism for publication and gathering responses.
  – Linked Encrypted Transaction Streams (LETS) RFP: extended to December
  – Continued discussion re need for additional co-chairs for MARS
  – Reviewed outlines for three emerging Cloud WG Discussion Papers
    • Cloud Interoperability & Portability (Rev 3.0), Cloud Service Agreement Template, and PG to Cloud Data Governance
  – Received submission status updates on three RFPs:
    • DDS C# API API, IDL4 to Python Language Mapping, and DDS TSN Integration
  – Reviewed final submission for IDL4 to C++ Language Mapping
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• Highlights from this Meeting (cont.)
  – Received report on CORBA 3.4 ISO Explanatory Report prepared by CORBA WG.
  – FACE Interop WG prepared for meeting with FACE Consortium’s Cross Standards group next week
    • Will present approaches for resolving differences in respective IDL Language mappings
  – CORBA WG discussed chartering an RTF to update CORBA 3.4 to include new IDL types from IDL4.
  – IEF WG discussed plans to update IEF RA using the RFC process (vice RTF)
• **Deliverables from this Meeting:**
  - Technology Adoption Recommendation(s)
    - IDL4 to C++ Language Mapping: mars/22-09-04
  - RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)
    - N/A

• **Future Deliverables (In-Process):**
  - Technology Adoptions
    - DDS-TSN: revised submission, Nov 7th, 2022
    - Linked Encrypted Transaction Streams (LETS): revised submission, Nov 7th, 2022
    - TCP/IP PSM for DDS Interoperability: revised submission, Nov 7th, 2022
    - DDS C# API: revised submission, Feb 20th, 2023
    - IDL4 to Python Language Mapping, revised submission, Feb 20th, 2023
  - RFP/RFI Recommended or Other Recommendations (if SC)
    - Blockchain Smart Contracts RFI
    - DIDO RA 4.0 DP
    - Cloud Interoperability & Portability (Rev 3.0) DP
    - Cloud Service Agreement Template DP
• Liaisons
  – FACE Consortium (via FACE Interop WG)

• Agenda Items for the Next Meeting:
  – Nominate & vote for additional co-chairs
  – Review revised submissions:
    • DDS TSN Integration
    • TCP/IP PSM for DDS Interoperability
  – Review and issue Blockchain Smart Contracts RFI
  – Decide path forward for LETS RFP
  – Review and publish Discussion Papers
    • DIDO RA 4.0 DP
    • Cloud Interoperability & Portability (Rev 3.0) DP
    • Cloud Service Agreement Template DP
  – Meet jointly with Blockchain PSIG
  – IDL, IEF, CORBA, and FACE Interop WGs to meet.