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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MARS – Middleware And Related Services

- **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

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- **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.