**OBJECT MANAGEMENT GROUP** ®

# MARS – Middleware And Related Services

- **Highlights from this Meeting:**
  - IDL4 to Java Mapping: Progress report, extended to Amsterdam to accommodate CORBA
    - Presentation on CORBA extensions
  - IEPPS: Extended to Long Beach
  - PG to Cloud Deployment Technologies: reviewed and issued discussion paper
  - Joint meetings with FDTF
    - Blockchain Node RFC/RFP
    - Ternary Data Encoding RFC/RFP
  - Tactical Microgrid Standard (TMS) presentation, insight on DDS requirements
  - CORBA 3.4 RTF status update
  - FACE Consortium presentation regarding opportunities for collaboration
  - Space SDR RFP initial requirements
  - THALES response to MARTE 2.0 RFI
  - Presentation on DIDO RA test environment

- **Deliverables from this Meeting:**
  - Technology Adoption Recommendation(s)
    - None
  - RFP/RFI/RFC Recommendation(s)
    - None
  - TF Documents Issued
    - PG to Cloud Deployment Technologies Discussion Paper
- **Future Deliverables (In-Process):**
  - Technology Adoptions
    - DDS-TSN integration initial submission, 20 May 2019
    - DDS to JSON Syntax Mapping: Revised submission 20 May 2019
    - IDL4 to Java Language Mapping: Revised submission 20 May 2019
    - IDL4 to C# Mapping: Initial submission 20 May 2019
    - IEF Policy Based Packaging Service (IEPPS): Revised submission 11 Nov 2019
    - TCP/IP PSM for DDS Interoperability: Revised joint submission, 20 May 2019
  - RFP/RFI/RFC Recommendations
    - None
- **Liaisons**
  - None

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- **Agenda Items for the Next Meeting**
  - DDS-TSN integration: review initial submission
  - IDL4 to C# Mapping: review initial submission
  - DDS to JSON Syntax Mapping: review revised submission
  - IDL4 to Java Language Mapping: review revised submission, and adopt?
  - TCP/IP PSM for DDS Interoperability: review revised joint submission, and adopt?
  - Space SDR RFP: present draft and issue?
  - STRS RFC: present and issue?
  - "RESTful CORBA" RFP: present early draft
  - Joint with FDTF:
    - Ternary encoding RFC/RFP: present and issue?
    - Blockchain Node RFC/RFP: present and issue?
    - DIDO RA Ecosystem discussion: lay groundwork for future RFP
  - CWG Discussion papers "PG to Cloud Governance" and "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