Latest MEC Phase 3 deliverables (1Q 2024):

- ETSI GR MEC 001 V3.2.1 (2024-02) on "Multi-access Edge Computing (MEC); Terminology"
    - The document provides a Phase 3 update of the glossary of terms relating to the conceptual, architectural and functional elements within the scope of work on Multi-access Edge Computing. In particular, this version contains the Phase 3 updates related to the work on MEC Federation.
    - Link: https://www.etsi.org/deliver/etsi_gr/MEC/001_099/001/03.02.01_60/gr_mec001v030201p.pdf
- ETSI GS MEC 002 V3.2.1 (2024-02) on "Multi-access Edge Computing (MEC); Use Cases and Requirements"
    - The document contains an updated set of use cases and requirements for MEC Phase 3 work, and those that can lead to future work in MEC Phase 4.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/002/03.02.01_60/gs_mec002v030201p.pdf
- ETSI GS MEC 003 V3.2.1 (2024-04) on "Multi-access Edge Computing (MEC); Framework and Reference Architecture"
    - This last update of MEC 003 addresses the necessary changes to align the MEC architecture considering inputs coming from other organizations and modifications to align the MEC architecture with the other MEC specifications in MEC phase 3. In particular, this version contains the Phase 3 updates related to the work on MEC Federation and the regular alignment with GSMA OPG and 3GPP.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/003/03.02.01_60/gs_mec003v030201p.pdf
- ETSI GS MEC 009 V3.3.1 (2024-02) on "Multi-access Edge Computing (MEC); General principles, patterns and common aspects of MEC Service APIs"
    - This document defines design principles for RESTful MEC service APIs, provides guidelines and templates for the documentation of these, and defines patterns of how MEC service APIs use RESTful principles. In particular, it contains relevant updates related to security.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/009/03.03.01_60/gs_mec009v030301p.pdf
- ETSI GS MEC 010-2 V3.2.1 (2024-02) on "Multi-access Edge Computing (MEC); MEC Management; Part 2: Application lifecycle, rules and requirements management"
    - The document provides information flows for lifecycle management of MEC applications, and describes interfaces over the reference points to support application lifecycle management. In particular, this version contains the Phase 3 updates related to the work on MEC Federation.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/01002/03.02.01_60/gs_mec01002v030201p.pdf
- ETSI GS MEC 011 V3.2.1 (2024-04) on "Multi-access Edge Computing (MEC); Edge Platform Application Enablement"
    - The document focuses on the functionalities enabled via the Mp1 reference point between MEC applications and MEC platform, which allows these applications to interact with the MEC system. Service management functionality includes registration/deregistration, discovery and event notifications. In particular, this version contains the Phase 3 updates related to the latest alignment with 3GPP on CAPIF, thanks to a fruitful collaboration with SA6, CT3 and SA2 groups.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/011/03.02.01_60/gs_mec011v030201p.pdf
- ETSI GS MEC 014 V3.2.1 (2024-02) on "Multi-access Edge Computing (MEC); UE Identity API"
    - The document contains the Phase 3 enhancement of the UE Identity API, including the definition of new features, leveraging the related 3GPP Rel.18 capabilities.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/014/03.02.01_60/gs_mec014v030201p.pdf
- ETSI GS MEC 015 V3.1.1 (2024-04) on "Multi-access Edge Computing (MEC); Traffic Management APIs"
    - The document provides an enhanced version of the Traffic Management APIs, including updates on Bandwidth Management API and Multi-access Traffic Steering API.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/015/03.01.01_60/gs_mec015v030101p.pdf
- ETSI GS MEC 016 V3.1.1 (2024-03) on "Multi-access Edge Computing (MEC); Device application interface"
    - The document provides an update of the specification, including upgrades on the security protocols to the state-of-the-art ones, and an alignment with other Phase 3 deliverables.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/016/03.01.01_60/gs_mec016v030101p.pdf
- ETSI GS MEC 021 V3.1.1 (2024-02) on "Multi-access Edge Computing (MEC); Application Mobility Service API"
    - The document provides a specification for end-to-end MEC application mobility support in a MEC system. In particular, this version enhances application mobility services in order to support inter-MEC system communication, considering the relevant work of other industry bodies (e.g. GSMA OPG).
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/021/03.01.01_60/gs_mec021v030101p.pdf
- ETSI GS MEC 030 V3.2.1 (2024-02) on "Multi-access Edge Computing (MEC); V2X Information Services API"
    - The document focuses on the MEC V2X Information Services (VIS), in order to facilitate V2X interoperability in a multi-vendor, multi-network and multi-access environment, considering the relevant work of other industry bodies relating to V2X communication (e.g. ETSI ITS, 5GAA). In particular, the Phase 3 work is the result of the fruitful collaboration with 5GAA, as active contributor in this activity.
    - Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/030/03.02.01_60/gs_mec030v030201p.pdf
- ETSI GS MEC 037 V3.2.1 (2024-04) ETSI GS MEC 040 v3.2.1 on "Multi-access Edge Computing (MEC); Application Package Format and Descriptor Specification"

- o This document specifies the structure and format of a MEC application package and data models of the MEC application descriptors. In particular, this version includes the updates of the Application Package Format and Descriptor Specification to support containers.
  - o Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/037/03.02.01_60/gs_mec037v030201p.pdf
- ETSI GS MEC 040 v3.2.1 (2024-03) on "Multi-access Edge Computing (MEC); Federation Enablement APIs"
  - o The deliverable specifies enhancements of information flows, data models and APIs relating to Mff and Mfm reference points to support MEC federation. In particular, this Phase 3 work carefully considered the relevant work of other industry bodies relating to MEC federation (e.g., GSMA OPG, GSMA OPAG, 5GAA, etc.) and all relevant work done in ETSI.
  - o Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/040/03.02.01_60/gs_mec040v030201p.pdf
- ETSI GR MEC 041 V3.1.1 (2024-03) on "Multi-access Edge Computing (MEC); Study on MEC Security"
  - o The document outlines security topics and paradigms that apply to MEC deployments across the realms of application/platform security and zero-trust architecture. The present document considers prior work of other standards bodies and industry associations. It identifies gaps in ETSI ISG MEC specifications and provides recommendations for new normative work in Phase 4.
  - o Link: https://www.etsi.org/deliver/etsi_gr/MEC/001_099/041/03.01.01_60/gr_mec041v030101p.pdf
- ETSI GR MEC 044 V3.1.1 (2024-04) on "Multi-access Edge Computing (MEC); Study on MEC Application Slices"
  - o The document introduces the concept of MEC Application Slices, relationship and alignment with MEC system support for network slicing, as well as potential requirements and enhancements to the MEC system architecture and functions. It also studies the potential requirements and enhancements to the MEC system needed to support MEC Application Slices, and the necessary changes to align the MEC support for network slicing previously studied in ETSI GR MEC 024.
  - o Link: https://www.etsi.org/deliver/etsi_gr/MEC/001_099/044/03.01.01_60/gr_mec044v030101p.pdf
- ETSI GS MEC 045 v3.1.1 (2024-03) on "Multi-access Edge Computing (MEC); QoS Measurement API"
  - o The document focuses on introducing QoS Measurement service to provide network performance related metrics including predictive QoS provided by AI/ML components if available. It also carefully considers the relevant work of other SDOs (e.g. 3GPP, 5GAA, etc.) and all relevant work done in ETSI.
  - o Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/045/03.01.01_60/gs_mec045v030101p.pdf
- ETSI GS MEC 046 v3.1.1 (2024-04) on "Multi-access Edge Computing (MEC); Sensor-sharing API"
  - o The document focuses on a MEC Sensor-sharing Service that facilitates the provision of sensors' information and data in a multi-access environment. It describes the sensors information flows, required information and operations including authorization and access control.
  - o Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/046/03.01.01_60/gs_mec046v030101p.pdf
- ETSI GS MEC 048 v3.1.1 (2024-04) on "Multi-access Edge Computing (MEC); Enablement API for Customer Self-Service"
  - o The document specifies the enablement APIs produced by MEO over Mm1 reference point to support customer self-service portal. This includes the related aspects on tenant management, per tenant application management, per tenant resource management, basic monitoring per tenant, per tenant accounting capabilities.
  - o Link: https://www.etsi.org/deliver/etsi_gs/MEC/001_099/048/03.01.01_60/gs_mec048v030101p.pdf