**Terms of Reference (ToR) for**

**ETSI ISG MEC Deployment and ECOsystem DEvelopment Working Group, (ISG MEC DECODE WG)**

**Approved by the ISG MEC on 06 Dec 2018**

**Scope**

The main objectives of the ISG MEC DECODE WG are to accelerate the development of the MEC ecosystem by:

* Increasing the accessibility and adoption of MEC specifications by exposing OpenAPI (aka Swagger) compliant MEC API descriptions via the ETSI Forge site and associated mirror sites.
* Exploring availability and initiation of Open Source initiatives relating to a reference designs for entities within the MEC System, e.g. the MEC Platform, focusing on facilitating MEC application development.
* Enabling operator adoption and interoperability by developing and maintaining specifications relating to testing, including guidelines and API conformance specifications.
* Showcasing MEC through webinars and support for Proof of Concepts (PoCs), MEC Deployment Trials (MDT), Hackathons and Plugtests.

**Areas of activity**

The activities of ISG MEC DECODE WG include the following broad areas:

* Third party software developer outreach, focusing on developing the MEC application ecosystem
* Facilitating the use of open source components for the implementation and validation of MEC-related use cases and/or parts of the MEC System.
* Responsibility for the MEC test framework covering interoperability and conformance testing of ISG MEC specifications.
* Identification of best practices of implementing MEC System, e.g., by leveraging cloud applications design, orchestration and automation, security and reliability advances, etc.
* Communicate the results from experiments and conformance testing internally to ISG MEC, e.g., for bug fixing and specification enhancement.
* Collaboration with PoC & MDT teams on showcasing MEC solutions (e.g. ETSI PoC Zone at Edge Computing Congress).
* Liaising with ETSI Board on software / API licensing considerations.

**Organization**

As a working group of ISG MEC, the ISG MEC DECODE WG:

* Shall work in accordance with the ETSI ISG Directives and, in particular, the Technical Working Procedures
* Shall take as inputs the existing Group Specifications delivered by the ISG MEC
* Shall submit any deliverables of the WG to ISG MEC for approval
* Shall report on the progress of the WG to the ISG MEC as requested

**Annex (informative): collaboration with other bodies**

ISG MEC DECODE WG will set-up the appropriate communication channels to the following groups within ETSI.

**ETSI groups**

ISG NFV

Board OSS

**External groups**

Linux Foundation

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