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| Liaison Statement |
| Title:\* | Reply LS to GCF-IAG about “LS to oneM2M TP on Industry Adoption and Future Roadmap of oneM2M” |
| Source:\* | oneM2M Technical Plenary  |
| Date:\* | 2023-12-08 |
| To:\* | GCF-IAG |
| Copy to: |  |
| In response to: | IAG-23-074 |
| Send replies to:\* | replies to this LS should be sent to oneM2M\_liaison@list.onem2m.org  |
| List of attachments: | n/a |
| 'Template Version: January 2020 (do not modify) |

1 Overview

oneM2M Technical Plenary thanks the GCF IAG for their LS dated 5 October 2023 seeking our feedback and market data regarding the prospects of oneM2M adoption in the industry globally. We appreciate the opportunity to provide insights into the current state of certification and the potential adoption of later oneM2M Releases.

In response to your specific questions:

1. Lack of Certification Declarations for Release 2: The discussions with our key contributors have shed light on the emergence of non-certified oneM2M deployments in Europe and the USA. It is our belief that there may be additional deployments underway, which are currently not within our awareness. In India, discussions on certification processes are actively ongoing, indicating a growing interest in compliance.
2. Prospects of Later oneM2M Releases (Release 3, 4, 5) Globally: Our contributors have emphasized the need to create a demand for certification, drawing parallels with the successful approach taken by cellular IoT, where Mobile Network Operators (MNOs) play a pivotal role in deployment governance. Encouraging certification on non-cellular deployments is deemed crucial, and efforts should be directed towards addressing interoperability issues present in current open-source implementations. Key strategies include emphasizing certified IPEs and MN-CSEs, as well as the active involvement of MNOs.

Furthermore, it has been noted that ITU's transposition of oneM2M specifications can significantly contribute to worldwide adoption, especially in regions where oneM2M delegates might lack visibility. Initiatives in India to establish Test Houses and ongoing outreach programs by KETI in various countries, including Malaysia and Vietnam, are positive indicators of a concerted effort to promote adoption.

The feedback also highlights the importance of refining certification processes and making necessary changes to incentivize the adoption of the newest releases. Recommendations include the need for more product profiles, compatibility requirements, a strategic approach to releases, and a clear plan for future releases.

Certification cost differentials between releases, as mentioned by Hyeonyeop from TTA, underscore the need for a fair and transparent certification process that encourages adoption of later releases without imposing prohibitive costs.

In summary, the key takeaway from our discussions is the imperative to clarify and enhance our certification processes. Creating a developer guide to clarify the certification process for customers is identified as a crucial step in promoting understanding and, subsequently, adoption.

We trust that this feedback provides valuable insights into the current dynamics surrounding oneM2M adoption and certification. We remain committed to working collaboratively towards the successful growth and global acceptance of oneM2M standards.

2 Requested Action

None

3 Next Meeting Dates

TP#62: Hybrid Meeting, Mainz Germany, Feb 20 – 24, 2023

TP#63: