

API Alliance Project Description

1. Name of the Project

Tbd (Telco Global API Project)

2. Description

The development of open, global, and interoperable API solutions could benefit customers and developer ecosystems by giving access to operator capabilities in whatever network customers are in and therefore allow applications to run consistently between telco networks and countries. A new form of collaboration between various players (telcos, ISVs, device manufacturers, hyperscalers, etc.) could address much of the challenges in scaling API services across heterogeneous operator architectures as well as advance the connectivity industry towards a more robust and faster core network, encourage the faster adoption of capabilities and as a result create value for the entire tech industry.

a. Accelerate technology development

- i. Build sustainable ecosystems around collaborative projects across industries.
- ii. Drive industry alignment by facilitating industry discussions with telcos, ISVs, device manufacturers, hyperscalers, etc.

b. Standardization of APIs

- iii. Standardize and convert APIs to a user understandable format called "Service APIs".
- iv. Achieve standardization through working code vs. documents.
- v. Implementation experience should guide standardization process.
- vi. Enable interoperability (e.g. effortless portability of applications between different operators), compatibility (applicability to different network technologies) and interconnectivity (to enable interoperator collaboration).

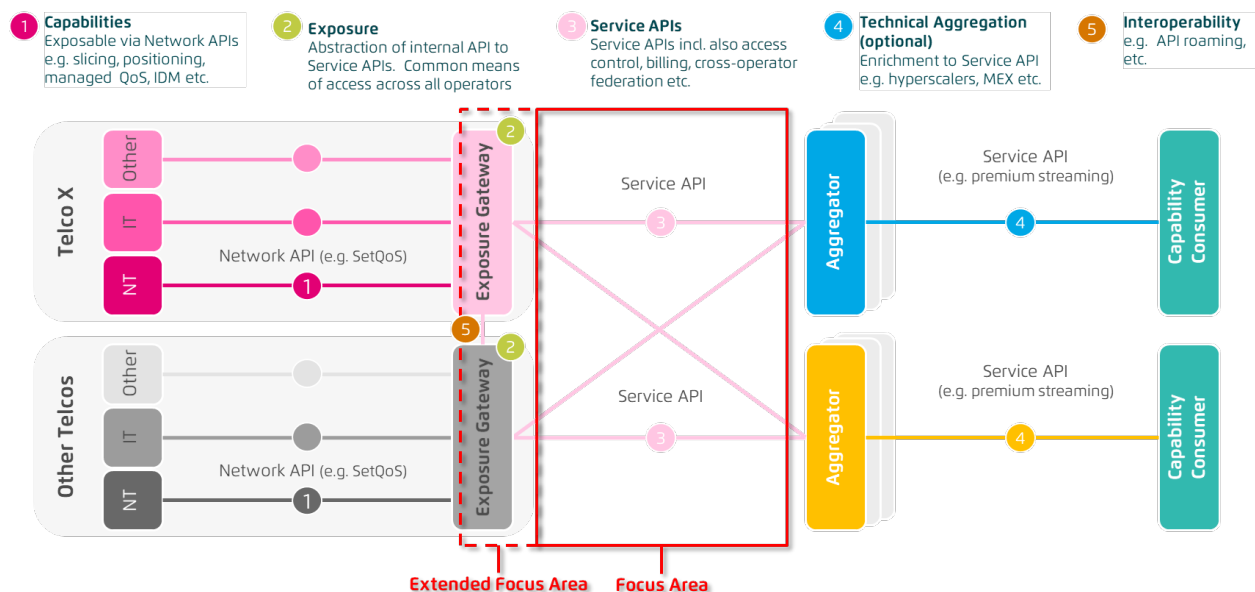
c. Education and promotion

- vii. Actively promote Service APIs via various forums, events, conferences, training programs, ecosystems and social media.
- viii. Promote best practices by aggregating and publishing lessons learned.

d. Accelerate commercial adoption

- ix. Create awareness around use cases and services.
- x. Minimize implementation effort through easy-to-consume standard Service APIs.
- xi. Foster the development of distribution channels to increase customer reach.
- xii. Integrate the APIs in relevant developer's environments and ecosystems.
- xiii. Provide customer service and support.

APIs grouped by services and bundled up into "Service APIs" could reduce the complexity of accessing operator capabilities for developers and enterprises.



Telco Global API Project is an independent open-source project and not controlled by any single company.

3. Statement on alignment with CNCF mission

Tbd

- We agree with the CNCF philosophy/vision and would like to contribute.
- Open to integration with other CNCF projects.
- Open to engage the community and enable more innovations.

4. Sponsor from TOC

Chris Aniszczuk (caniszczuk@linuxfoundation.org)

5. Unique Identifier

Tbd

6. Preferred Maturity Level

Sandbox

7. License

Apache License 2.0

8. Source Control Repositories

Tbd

9. Initial Committers

- Tbd

10. Core Maintainers

Tbd

11. External Dependencies

- Tbd
12. Infrastructure requests (CI / CNCF Cluster)
Tbd
 13. Issue tracker
Tbd
 14. Mailing lists
Tbd
 15. Communication Channels
Tbd
 16. Website
Tbd
 17. Social media accounts
Tbd
 18. Existing sponsorship
Tbd
 - a. Other Contributors
Tbd