Common NFVI Telco Taskforce

**Day 2 - Reference Model Chapter 7: APIs**

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Application Programming Interfaces (API)
APIs: Outline and Maturity

Table of Contents

- 7.1 Infra related APIs.
- 7.2 NFVI APIs.
  - 7.2.1 Tenant Level APIs.
- 7.3 Supporting Enabler Service APIs (not-MVP).
  - 7.3.1 NTP, DNS, etc.
  - 7.3.2 Licensing and imaging connectivity.
- 7.4 Acceleration Interfaces and APIs (not-MVP).
- 7.5 Tool functionalities needed (not-MVP).
  - 7.5.1 Categorized (not specifically named).
  - 7.5.2 Policies and Security related primarily.
  - 7.5.3 If embedded in VM.
- 7.6 Cloud agnostic (not-MVP).
- 7.7 IPL (Reference Model component only) (not-MVP).

Bogo-Meter rating

- Complete
- Dickering over the fine points
- Lots of SME feedback
- Still developing content
- Initial framework only
Key Tenet

From Sections 1.3 – Principles

All APIs utilised must be standard and open to facilitate interoperability and component substitution
1. Defining acceleration interfaces.
   JB Ch. 7 & 3.

2. Discovery of resources?

3. Service chain management is key.

4. Impact of Infra-related APIs on VNF developer, e.g. do they even need them and why? needs explanation.

5. APIs: Recognize and act when there is conflict between "standards/open" and "interoperable".

6. Need to work with the industry to come up with standard interfaces for Hardware Acceleration.

   ETSI NFV has done a lot of work in this area: IFA002, IFA018 and IFA019 are the documents

   [G0]: We should utilise implemented solutions+1
7. The APIs of concern would be heavily dependent on the scope as per defined in reference architecture by CNTT. Until that is defined, we would not know if we are missing any relevant APIs. LSO & SDN controller related APIs should be considered (but of course dependent on the scope of the reference architecture).
   JB Ch. 7.

9. CNTT should also identify gaps in the integration architecture and call out any missing or existing interfaces that have not been standardized. Subsequently, work with the relevant SDOs to define these APIs or have these standardized where possible.
   JB need transition plan in Ch. 1, 7 for existing interfaces that already exist.

10. [PW] Some of the details in figure 7-2 should be moved to the reference architecture.
    JB. Ch. 7.
APIs::More Input

- Enabler Services APIs

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Thank You!