

2018-05-16 [ExtAPI] Meeting notes

Date

16 May 2018 at 10:00AM EDT

Meeting Link: <https://zoom.us/j/399880266>

Apologies

[mark gibson](#) unable to start zoom session - not properly setup to share so session did not happen. Apologies to all for the missing session.

Discussed

- **Record the Meeting!! (issue with Zoom recording)**
- Introductions
- Contribution [Manoj Nair](#) (Netcracker)
 - Casablanca Proposal, see: [link](#)
 - Extend ExtAPI scope to include "southbound APIs" to External SDN Controller, Edge Orchestrators, Domain Orchestrators, Domain Controllers (also Legacy OSS)
 - Need to explore relationship with MEF Presto NRP based on ONF TAPI
 - Continue discussion next week
- Contribution [user-bb550](#) (CenturyLink)
 - Casablanca Proposal: see: [link](#)
 - API Logging possibly using a Log Processor like Apache Nifi
 - Allows temporal flow analysis of API calls
 - Looking for interest in contributing to this activity
- Next week: ONF TAPI discussion see: [link](#)
- Update on code contribution [Ludovic Robert](#)
 - working Docker, performance, security, license info, risk management
 - Documentation: Updated release notes on Readthedocs
 - Amdocs bugs fixed
 - Need Pair-wise testing (in contact with Helen)
 - in two weeks TM Forum Two Demos on External API in Nice (including Sonata and Legato)
 - Need to push out OOM Healthcheck until May.
- Interlude Update ([Mehmet Toy](#))
 - Example Modify CIR for E-Access Service instantiated in a Partner Domain
 - Flows showing how Interlude works for the Elastic E-Access service
 - Potential Casablanca definition
- Next Time: Discussion on relationship to MSB "External Gateway"; External API code to do mediation / translations
 - Cover registration, "visual range" of service as external
- Next Time: Continue Casablanca planning:
 - **HOMEWORK: Which APIs have business impact; Put together PPT on proposed Casablanca API functionality.**
 - Use Cases for Interlude; End to end flows
 - Code to parse YAML from Service Catalog. Work with SDC on TOSCA toolset. Parse YAML within SDC once and create inputs once Service Definition is finalized.
 - Service Qualification / Servicability (pre-order) (is capacity and topology available supporting the specific set of service parameters; do policies permit instantiation, mapping of Service requirements to capabilities provided by the platform; checking against of service constraints and characteristics from Service catalog (or via catalog exposure to BSS), Service compatibility with other services instantiated within the customer's service group)
 - License Accounting
 - A&AI Customer (Possible removal of customer info from ONAP)
 - Enhancements for complex input types (transition from name-value pair to JSON structures-blob) (e.g., MEF Bandwidth Profiles, L2 Connectivity as a Use Case)
- Next Time:
 - Sync up with A&AI on JIRA issues ([Jenny Huang](#); [Ludovic Robert](#)) Next time
 - Document API style used for External API at Legato interface reference point
 - Casablanca use cases for External API
 - Modeling of external facing APIs for ONAP and other ONAP projects (e.g., CLI)
 - Alignment on API styles for ONAP external APIs
 - Slide updates for MEF meeting on External API and Legato (Wednesday Morning) [Andy Mayer](#); [Ludovic Robert](#); [Bithika](#); [Mehmet Toy](#); [A binash Vishwakarma](#); [mark gibson](#); [Neil Thayer](#)

Last time

- R3+ Interlude discussion [Mehmet Toy](#)
 - Elastic EVC use case impacts on Legato and Interlude
 - It may be possible to apply Service Catalog, Service Ordering, Service Inventory to Interlude
 - Action: [Andy Mayer](#) to send Mehmet invite to modeling discussion
 - Explore possible inclusion of future ONAP use case for Elastic Connectivity Service [Mehmet Toy](#), [Andy Mayer](#), [Parviz Yegani](#)
 - Relationship with IETF L2 & L3 SM?
- Need for End to End use case within the ONAP Context [Mehmet Toy](#); [Andy Mayer](#) (review with arch team)
 - ACTION: Recommend end-to-end interactions based on LSO Operational Threads [Mehmet Toy](#); [mark gibson](#); [user-bb550](#); [Andy Mayer](#) (review with arch team); Include scope of Presto wrt ONAP

- ACTION: Possible application of External API at PRESTO with SDNC interactions with domain controllers (VOLTE use case) Possibly [us er-bb550?](#)
- Could possibly be part of R3 Casablanca scope

Working:

- Continue ExtAPI Design for Beijing [Ludovic Robert](#)
 - Update: Removed VNF creation from scope and notification feature from scope
 - Utilizing the ExternalAPI/NBI repo for Beijing code
 - Making good progress for 29 March milestone
 - **Documentation**
 - **Repo commits**
 - **ACTION:** Need to schedule meetings with SDC, SO, and A&AI to discuss API mapping; Also Run-time Catalog.
 - **ISSUE:** Is SDC Providing CSAR from Catalog API? Could SDC provide a simple service view with input parameters of the service?
 - **ISSUE:** Does SO require customer on instantiation requests? Is A&AI really keeping Customer (or Consumer) information?
- Begin Interlude Use Case discussion
- Dana Bobko will present an API Versioning proposal (NEXT WEEK)
- User Stories / Use Cases; State Models; Sequence diagrams for External and Internal interactions with ONAP components [Andy Mayer](#)
 - End-to-end Operation Threads
 - Service Catalog
 - Query Service Catalog
 - Retrieve Service Model
 - Service Ordering
 - Place Service Order
 - Query Service Order
 - Retrieve Service Order
 - Delete Service Order
 - Retrieve Service Order State
 - Subscribe to Service Order Notifications
 - Receive Service Order Notifications
 - Service Inventory
 - Query Service Inventory
 - Retrieve Service
 - Retrieve Service State
 - Service Topology (spec only)
 - Query Service Topology
 - Retrieve Service Topology
 - License Management (spec only)
 - Receive License Usage Notifications
- Recording:

Upcoming:

- Next call will take place on 16 May 2018
- Architectural considerations for External APIs (mapping to ONAP components)
- User Stories / Use Cases; State Models; Sequence diagrams for External and Internal interactions with ONAP components
- Continue review and refinement of ONAP Common Model UML (Service Abstraction focus)
- Discussion on coordination with Architecture, Modeling, and MSB efforts ([Alexander Vul](#))

Action items

