



DLF

NETWORKING

Virtual Technical Meetings

ONAP ArchCom Update

Chaker Al-Hakim
ONAP Architecture Subcommittee Chair

Oct 14, 2020

ONAP Subcommittee Update

- Moved ArchCom wiki page to a new location
<https://wiki.onap.org/display/DW/Architecture> - *New*
- Assign a theme (focus Area) to each Release - *New*
- A standard, and an updated, template for Component Architecture Diagram - *Modified*

<https://wiki.onap.org/display/DW/ONAP+Template+Component+Description+-+Guilin+%28R7%29+Release>

- A standard, and an updated, template for documenting the functional decomposition of a component: - *New*
- ArchCom Architecture Review Process - *Modified*

ArchCom Review Process Highlights

Moved ArchCom wiki page to a new location

<https://wiki.onap.org/display/DW/Architecture> - New as of Guilin-R7

- a. ArchCom Meeting Minutes and Weekly Meetings Agendas
- b. New Wiki Pages for Use Cases and Special Projects
- c. Components Diagrams
- d. Architecture Reviews Templates

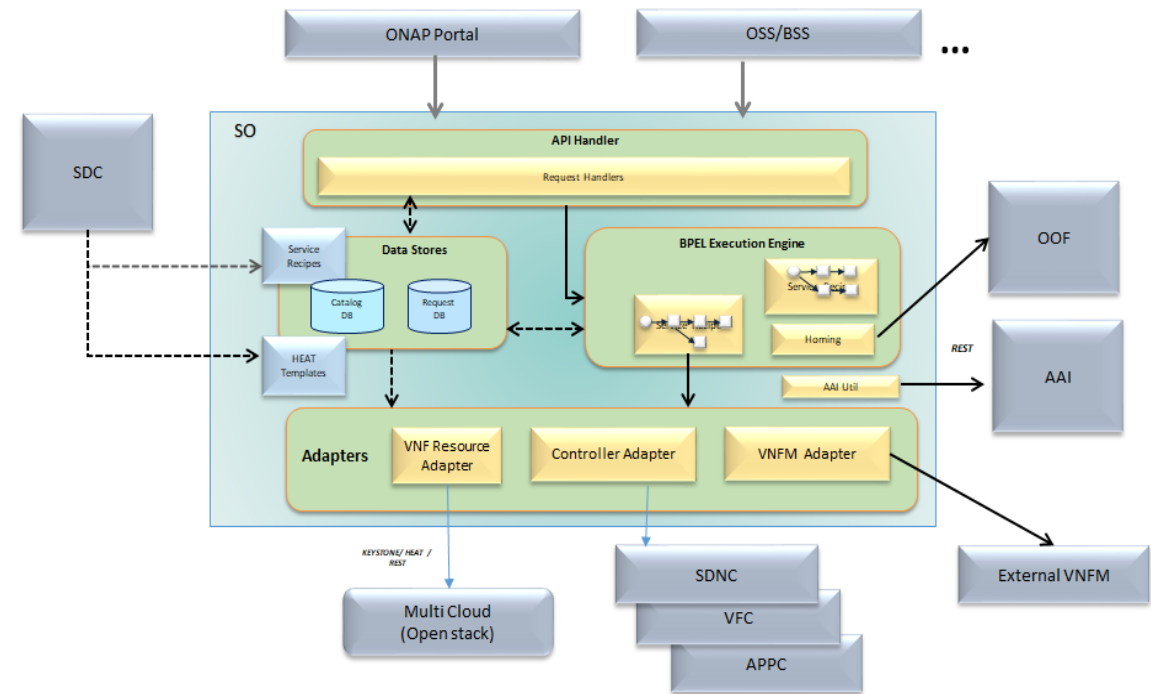
Release Theme, Focus Area

- The Release Theme for Guilin was “API Documentation”) *New*
 - i. Swagger.json
 - ii. Focused on the Modeling subcommittee recommendations on best practices for the API swagger files
 - iii. API Spec are Referenced the updated links to the API Specs in the Component Architecture Template
 - iv. Future Releases *Proposed* Themes:
 - i. Honolulu (R8) - *Information and Data Models*
 - ii. Istanbul (R9) - *Flows*
 - iii. Koyoto (R10) - *Modularity*

Component Functional Decomposition

A standard, and an updated, template for documenting the functional decomposition of a component: *New*

- i. Internal DB's
- ii. Frontend
- iii. Backend
- iv. Proxy
- v. REST Server i.e. Node.js, Express framework, etc..



This is an example just to illustrate the point

The Architecture subcommittee reviews functional and non-functional requirements for any/all changes to the ONAP Components:

- i. The Architecture subcommittee publishes the schedule for the reviews based on the overall project schedule
- ii. All requirements for new functionalities must be reviewed and approved by the Requirements sub-committee before an Arch Review is scheduled
- iii. An email requesting an Architecture Review should be sent to the ArchCom Chair
- iv. ArchCom Chair will create a tracking Jira and will share it with the Sponsor(s)
- v. Sponsor(s) will use the tracking Jira to document all the changes proposed
- vi. ArchCom will use the REQxxx request number assigned to the feature by the Requirements subcommittee for tracking purposes - *New*
- vii. ArchCom will maintain a tracking wiki page for all the reviews time and status

The ONAPDOCS Landing page has been updated with the Frankfurt (R6) Docs

<https://safratech.net/onapdocs/>

- i. The Landing Page links to existing RTD and wiki pages
- ii. A Good starting point for members that are not too familiar with ONAP
- iii. Has links to many useful resources
- iv. Provides 2 views:
 - i. Overall Architecture
 - ii. Detailed components diagrams including links to all the component API Specs