

ONAP Benchmark

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Proposal declined by TSC as a stand-alone project TSC 2018-01-04.
Recommended to be part of Integration Project

Project Name:

- Proposed name for the project: ONAP Benchmark
- Proposed name for the repository: obenk

Project description:

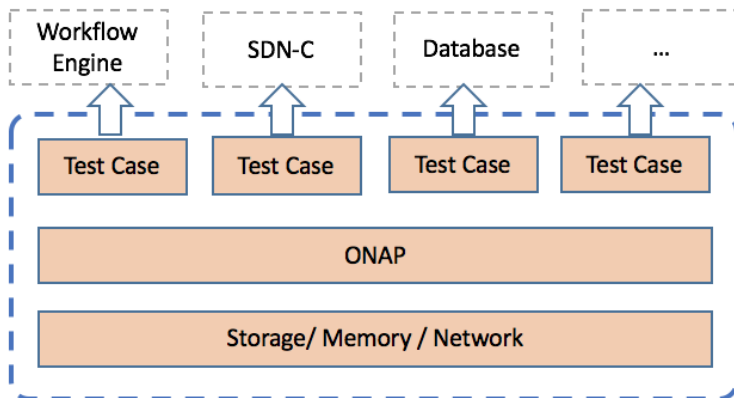
- The ONAP Benchmark project aims to provide Function/Performance/Scalability/Security test for ONAP component/module/system level.
- Finding bottleneck for E2E system and making advice for corresponding module for code improvement.
- Making test report for ONAP developer/user/cooperator.
- ONAP Benchmark develops auto test environment and auto test scripts/use cases.

Scope:

- Levels
 - Component level: Workflow Engine(Aria Camunda DG) / Database(Graph Database)
 - Module level: SO / DCAE / SDNC / A&AI / ...
 - System level: E2E test for release use case
- ONAP Benchmark test
 - Functional test
 - Performance test
 - Stability test
 - Scalability test
 - Consistency test
 - Stress Test
 - ...

Current Resources and Scope for R2:

Beijing Release Scope



Current Resources Available

1. 10+ Senior Software Test Expert

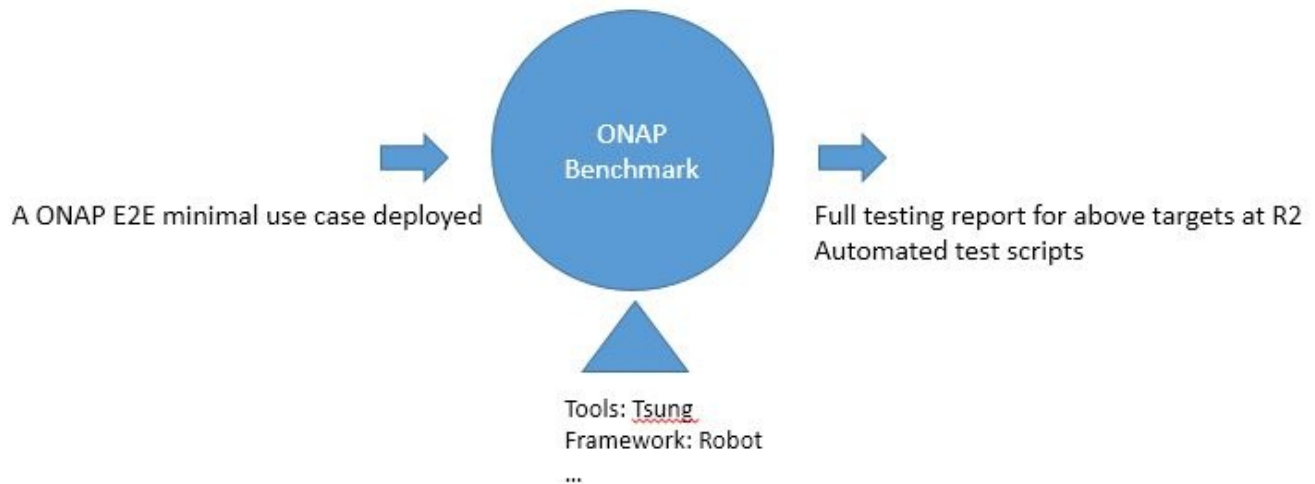
1. Labs with Router/Switch/VNFs

- 1. 40+ Server(12Core + 128GB)
- 2. More VMs
- 3. Public network IP address

Specific Test for R2:

Test Point	Consistency	Performance	Function	Scalability
SO				
Workflow Engine	BPMN/BPEL	Order/s—CPU--Memory	All Funtions	Cluster
• Aria				
• Camunda/Activiti				
• DG				
DCAE				
• Ves			All Functions	
Database				
• Graph Database		Based on Service/Use Case (Service model)		

Specific Input and Output:

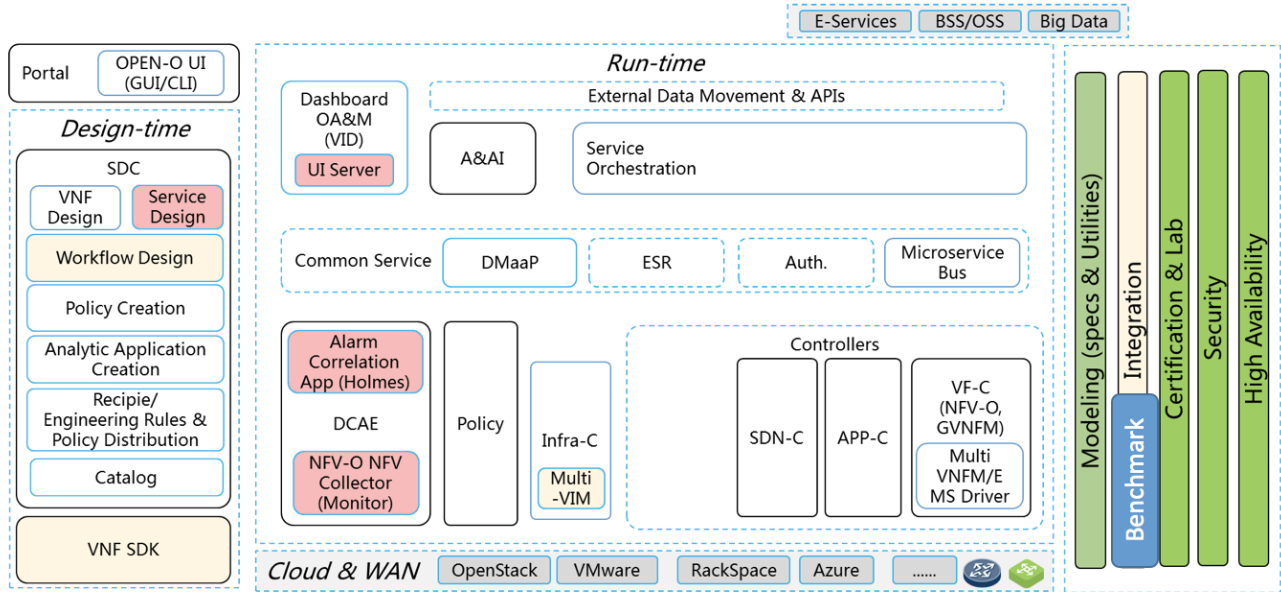


ONAP Benchmark (OBenk) test KPI:

KPI	Description
Query Per Second	
Single request maximum response time	
Maximum support specification capacity	
Funtion points	
Maintainable reliability	

Reconciliation function	Configuration reservation after device restart
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Architecture Alignment:



Other Information:

- Link to seed code (if applicable)
- Vendor Neutral
- Meets Board policy (including IPR)

Key Project Facts:

Facts	Info
Jira Key	OB
Jira Project Name	ONAP Benchmark
Link to Wiki Space	
Project ID	ONAP Benchmark
PTL (first and last name)	Chen Yan

Release Components Name:

Components Name	Components Repository name	Maven Group ID	Components Description
ONAP Benchmark		org.onap.	

Resources committed to the Release:

Note 1: No more than 5 committers per project. Balance the committers list and avoid members representing only one company. Ensure there is at least 3 companies supporting your proposal.

Note 2: It is critical to complete all the information requested, that will help to fast forward the onboarding process.

Role	First Name Last Name	Linux Foundation ID	Email Address	Location
PTL	Chen Yan		chenyan.bri@chinatelecom.cn	Beijing, China.
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Project Summarization:

Project Name:

- JIRA project name: ONAP Benchmark (OBenk)
- JIRA project prefix: obenk

Repo name: OBank

Lifecycle State:

Primary Contact: Yan Chen (chenyan.bri@chinatelecom.cn)

Project Lead: TBD

mailing list tag [Should match Jira Project Prefix]

Committers:

Please refer to the table above.

*Link to TSC approval:

Link to approval of additional submitters: