Open Lab  Subcommittee DDF Meeting

Yan Yang

June, 2019
Meeting Time

• Wednesday - 11:00am UTC, 7:00pm China Time
• Join from PC, Mac, Linux, iOS or Android: https://zoom.us/j/621738721

Open Lab Subcommittee Membership page
https://wiki.onap.org/display/DW/Open+Lab+Subcommittee+Membership
Agenda

• Lab update

• OpenLab E/F Planning

• How to oversight lab utilization
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Location</th>
<th>Role</th>
<th>Status</th>
<th>Note</th>
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<tbody>
<tr>
<td>China Mobile ONAP Lab</td>
<td>China Mobile</td>
<td>Beijing, China</td>
<td>Use Case E2E Test &amp; POC</td>
<td>On line</td>
<td>ONAP Casablanca and Casablanca maintenance installed</td>
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<td>China Telecom ONAP Lab</td>
<td>China Telecom</td>
<td>Beijing, China</td>
<td>Integration &amp; Testing mainly support for subproject Benchmark&amp;SFC</td>
<td>On line</td>
<td>ONAP Casablanca and Casablanca maintenance installed ONAP Beijing installed also</td>
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<td>Orange OpenLab</td>
<td>Orange</td>
<td>Lannion, Brittany, France</td>
<td>Integration &amp; Testing</td>
<td>On line</td>
<td>Openlab (Casablanca) open to the community (end user perspective) 2 PODs used for Gating see OOM Gating results: <a href="http://testresults.opnfv.org/onap/api/v1/results?last=10">http://testresults.opnfv.org/onap/api/v1/results?last=10</a> 2 PODS for Daily chains (Master and Casablanca)</td>
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<td>Wind River/Intel Lab</td>
<td>Wind River/Intel</td>
<td>Intel HF2, Hillsboro, OR, USA</td>
<td>Integration and Deployment</td>
<td>On line</td>
<td>Support wireless PNFs testing.Available PNFs: LTE, 5G, SmallCells, DAS, WT, Router, Photonic</td>
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<td>WINLAB</td>
<td>Rutgers University/AT&amp;T</td>
<td>North Brunswick, New Jersey, USA</td>
<td>Wireless use case E2E testing with PNFs POCs and demos Integration &amp; Deployment testing Development</td>
<td>On line</td>
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<td>Auto Lab</td>
<td>OPNFV Auto</td>
<td>UNH-IOL</td>
<td>Development and Test on</td>
<td>On Line</td>
<td>OPNFV-deployed OpenStack env.</td>
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<td>TLAB</td>
<td>AT&amp;T Advanced Technologies</td>
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<td>have upgraded TLAB to Open Stack Queens and added a bare metal Kubernetes cluster. Working on an example deployment of an ONAP component into a Kubernetes namespace, using ingress ports and persistent volume claims on network storage instead the NFS server in a VM. When this example is proven we will offer namespaces for other ONAP components that have stable artifacts ready for deployment.</td>
<td>No feedback</td>
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<td>VMware OpenLab</td>
<td>VMware</td>
<td>Wenatchee (near Seattle), USA</td>
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<td>Reliance Jio R&amp;D Labs</td>
<td>Reliance Jio Infocomm</td>
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<td>No feedback</td>
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Any Lab Update

- China Mobile Lab
- Winlab/OWL lab Update from Tracy
OpenLab E/F Planning

- **OpenLab Repo**
  - To store and share OpenLab specification
  - To store and share some documentation/scripts for each lab

- **How OpenLab participates in the milestone of ONAP**

  **Problem:**
  a. Test lab for each usecase/functional requirement is often determined by RC0
  b. In the case of limited laboratory resources, many tests are gathered in one or two labs.

  **Suggestion:**
  a. When usecase and functional requirements are freeze, the lab requirements need to be determined.
  b. Before M1, the usecase/functional requirements owner should communicate with the intended lab administrator, and when M1, determine the target lab, then report to OpenLab and Integration team.
  c. If the target lab need additional device or third-party software, all should be ready before M4
## Calendar

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<th>Month</th>
<th>April</th>
<th>May</th>
<th>June</th>
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<td><strong>Hardware Labs</strong></td>
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### Release
- **National Holidays**
  - April: None
  - May: None
  - June: None
  - July: None
  - August: None
  - September: None
  - October: None
  - November: None

### Events
- **F2F China** (M0)
- **F2F virtual ?** (M1)
- **F2F Europ** (M2)

### Project Team
- **Open Intent**
- **E2E Release**
- **Use Case**
- **Approved**

### Integration Testing
- **Test Case Def’d**

### Hardware Labs
- **Lab resource requirements**
- **Lab determined**
- **Lab Ready**

### Modelling
- **High Level Model Requirements**
- **Model Plan Established**
- **Model Freeze**
- **Model Final**

### Architecture
- **Functional Architecture Def’d**
- **Architecture Approved**
- **API Doc Freeze**

### Documentation
- **Ready for Review**
- **Doc Complete**

### Training
- **Ready for Review**
- **Training Complete**

### Deployment Upgrade
- **E2E Deployment Code Freeze**
Need standard process and measures to manage the increasing testing demand and make better use of resource of each lab
Welcome feedback any suggestions and ideas for OpenLab

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Email: yangyanyj@chinamobile.com
Thanks