

# REC Project Minutes 2020.02.27

## Attendees

- Paul Carver
- Alex Antone
- Cristina Pauna
- Ankit Arora
- Tina Tsou

## Agenda

- Workload Generator (WLG) review <https://gerrit.o-ran-sc.org/r/c/it/test/+/2455> has been merged
- Continuous deployment has been failing due to an Ansible error. The error doesn't appear obviously related to recent changes, but a redeploy of LF282 build is successful so it does seem that something recent broke it.

## Minutes

- Cristina Pauna is working on integrating TA into CI on the UNH ARM cluster
- wenhui mentioned an O-RAN security issue. Paul Carver thinks this is probably in the RIC part, not the TA part because we don't use ORAN in the non-RIC portions of REC.
- Ankit asked about Airship. There's no immediate plan to integrate Airship but this is open to discussion based on benefits of Airship integration. We don't currently know of specific benefits to justify the work at this time.
- Ankit asked about hardware acceleration. We're dependent on O-RAN-SC to deliver components that require hardware acceleration. The RIC does not, but the DU and RU almost certainly will. The REC team doesn't plan to recommend specific solutions but is prepared to integrate and test whatever hardware acceleration is supported by the O-RAN-SC. If the O-RAN-SC components support multiple, the REC team would likely define the blueprint to support a specific selected hardware acceleration.
- Alex asked about the DANM configuration. Paul will share the config files, but right now they are a bit specific to the AT&T lab. Some re-write is needed to decouple the lab specific inputs from the rest of the deployment.

## Continuous Deployment Issue Details

```
TASK [bootstrap-host : Populate authorized keys from config to sudo user] *****
changed: [controller-1]

TASK [bootstrap-host : Ensure there is a private key /etc/userconfig/id_rsa in v
virtual env. Provide read permissions to all users] ***
fatal: [controller-1]: FAILED! => {"failed": true, "msg": "The conditional check
'factor_virtual == \"kvm\"' failed. The error was: error while evaluating condi
tional (factor_virtual == \"kvm\"): 'factor_virtual' is undefined\n\nThe error a
ppears to have been in '/etc/ansible/roles/bootstrap-host/tasks/create_sudo_user
.yml': line 58, column 3, but may\nbe elsewhere in the file depending on the exa
ct syntax problem.\n\nThe offending line appears to be:\n\n\n- name: Ensure ther
e is a private key /etc/userconfig/id_rsa in virtual env. Provide read permisso
ns to all users\n  ^ here\n"}
    to retry, use: --limit @/opt/openstack-ansible/playbooks/setup-playbook.
retry

PLAY RECAP *****
controller-1 : ok=15  changed=8  unreachable=0  failed=1

[2020-02-27 11:56:44,433 ERROR cmactivateserverhandler(100)] Skipping installa
tionactivator, got exception Playbook setup-playbook.yml failed
[2020-02-27 11:56:44,433 INFO cmactivateserverhandler( 62)] Running plugin ma
nagelinuxuseractivator.activate_set
```

```
47 tags:
48   - ssh-key-authorized
49
50 - name: Populate authorized keys from config to sudo user
51   authorized_key:
52     user: "{{ sudo_user }}"
53     key: "{{ sudo_user_authorized_keys | join('\n') }}"
54     manage_dir: no
55   tags:
56     - configured-authorized-keys
57
58 - name: Ensure there is a private key /etc/userconfig/id_rsa in virtual
59   env. Provide read permissions to all users
60   file:
61     path: "/etc/userconfig/id_rsa"
62     mode: 0644
63   when: facter_virtual == "kvm"
64 - name: Ensure root has a .ssh directory
65   file:
66     path: /root/.ssh
67     state: directory
68     owner: root
69     group: root
:set number
```