R2 Release Notes

Items in **bold** below are new or changed in this release. The other notes are inherited from release 1.

Network Cloud R2 Common Release Notes

- **This release updated of all blueprints in this family from Airship Treasuremap released July 2018 to Airship Treasuremap v1.3 released Aug 2, 2019.**
- Deployments require internet connectivity from the Regional Controller and the Rover/Unicycle servers. The deployments will not work with proxy servers in this release.
- Openstack is deployed with only keystone v3 authentication enabled.
- Tempest E2E test will not run in this release because the Tempest save state functions require keystone v2 api.
- **The user input file has several changes. There are example input files provided for SR-IOV and OVS-DPDK blueprints. The samples files are on the regional controller in /opt/akraino/yaml_builds and in the install guide in this wiki.**
- **The default password for the admin user in Openstack is "password123"**

Rover Blueprint R2 Specific Release Notes

- The Rover blueprint has been validated on Dell R740xd Purley platforms with the specific network and storage configurations as described in the Validation Labs. Other configurations will require changes to the input files and possibly the templates used by the automation.
- The Rover deployment deploys the Ocata release of Openstack

Unicycle OVS-DPDK Blueprint R2 Specific Release Notes

- The Unicycle with OVS-DPDK blueprint has been validated on Dell R740XD Purley platforms with the specific network and storage configurations as described in the Validation Labs. Other configurations will require changes to the input files and possibly the templates used by the automation.
- The Unicycle with OVS-DPDK blueprint does not support LAG on it's OVS-DPDK interfaces.
- **The Unicycle with OVS-DPDK blueprint supports VLAN neutron provider networks and VXLAN neutron tenant networks on the OVS-DPDK fabric facing interfaces.**
- **Validation was completed with 4 control nodes.**
- **The Unicycle with OVS-DPDK blueprint deploys the Rocky release of Openstack (previous release deployed Ocata).**

Unicycle SR-IOV Blueprint R2 Specific Release Notes

- The Unicycle with SR-IOV blueprint has been validated on Dell R740xd Purley platforms with the specific network and storage configurations as described in the Validation Labs. Other configurations will require changes to the input files and possibly the templates used by the automation.
- **The Unicycle with SR-IOV blueprint was validated as a four node cluster with three nodes enabled for VNF deployments.**
- **Calico was configured with node-to-node mesh during the validation.**
- **The Unicycle with SR-IOV blueprint deploys the Rocky release of Openstack (previous release deployed Ocata).**