

O-Cloud and SMO Deployment

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O-RAN Deployment Container

- Prepare an O-RAN Deployment Container to
 - Provide a Portable Deployment Environment and Toolkit
 - Reduce Helm chart building time
 - Provide custom deployment scripts for
 - A single entry-point
 - Storage class binding (with/without Ceph)
 - OSC SMO deployment for multiple K8s nodes

O-RAN Deployment Container





Case 1. Deployment with O-RAN Deployment Container

- On OS-ready machines
- For SMO with default host path persistent volume.



Case 2. Deployment with StarlingX and O-RAN Deployment Container

- Leverage StarlingX to deploy on bare-metal machines
 - a StarlingX cluster and
 - a virtualized infrastructure with Kubernetes and Ceph
- Run O-RAN Deployment Container to deploy SMO, Persistent Volume, CU, and DU







O-Cloud and SMO Deployment with StarlingX and O-RAN Deployment Container

















Thank You for Listening