

East Coast Bedminster Open Lab CI/CD

David Kinsey (david.kinsey@att.com)

- Where?
 - The OSC East Open Lab is hosted by AT&T in Bedminster, NJ.
- Why?
 - The purpose of the Bedminster Lab is to provide an end-to-end environment where an operational RAN using open-source software can be demonstrated.
- Focus?
 - The SMO and its activities for de-coupling, based on the O-RAN specification defined by working group 1 (WG1).
- Future?
 - Expand O-Cloud with a three-server cluster
 - Deploy a VIAVI TMLite O-RU Emulator
 - Deploy a Keysight O-RU Emulator
 - Deploy a Keysight RIC Tester
 - Deploy a continuously running SMO instance for continuous delivery (CD) and continuous testing (CT)
 - Interconnect the Bedminster and San Jose Labs to enable the use of the RIC Tester with RIC Apps
 - Interconnect the Bedminster and Taiwan Labs to enable SMO NF deployments to the O-Clouds.
 - Interconnect with at least one university laboratory where a 5G core (5GC) instance exists.
 - Interconnect with at least one OAI Lab and demonstrate the deployment of an NF to an O-Cloud in that laboratory.
- Current Status?
 - Lab is temporarily unavailable due to a laboratory relocation and subsequent supply chain issues. Once those are resolved the end-to-end (E2E) capabilities will be restored.

How to get Access

1. Identify OSC Project to contribute to
2. Align work with PTL for the project
3. Identify any additional resource needs
4. Request Access: [NJ Lab Access Requests - Integration and Testing - Confluence \(o-ran-sc.org\)](#)

NJ Lab Access Requests

Created by Zhe Huang, last modified by David Kinsey on Sep 22, 2022

Request your access

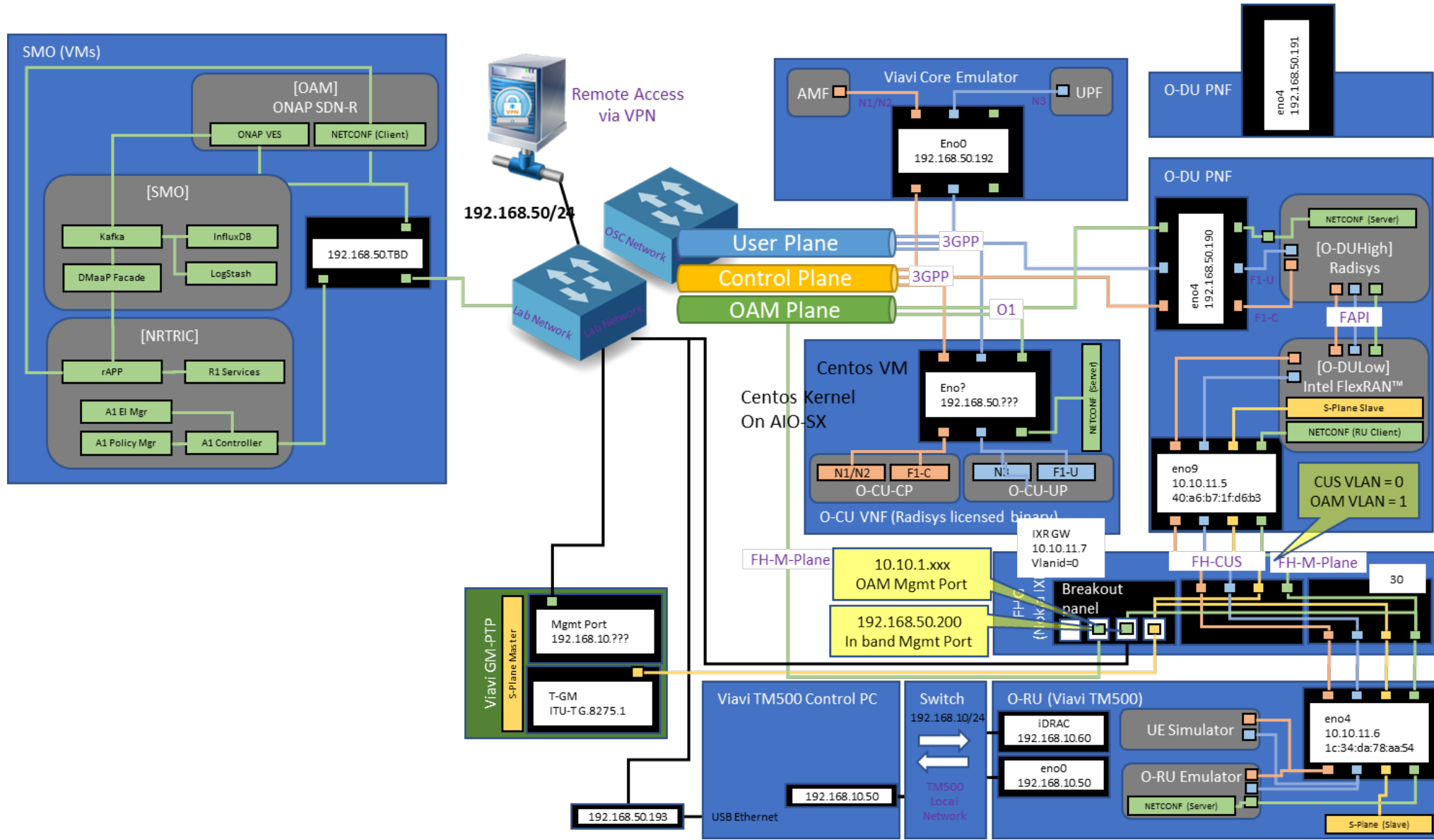
Please send your request to the RSAC co-chair [@David Kinsey](#) <david.kinsey@att.com>, with the following info.

Name
Email
Affiliation
Office Phone Number
SSH Public key
OSC Lab resources that you will be accessing (if you need new resource, please specify the configuration)
Works that you will be carrying out

What you will be receiving

- An OpenVPN credential to connect to the lab network
- SSH credentials for the requested resources

Pre-Relocation Architecture



Target: Exemplar Cloud Site

