

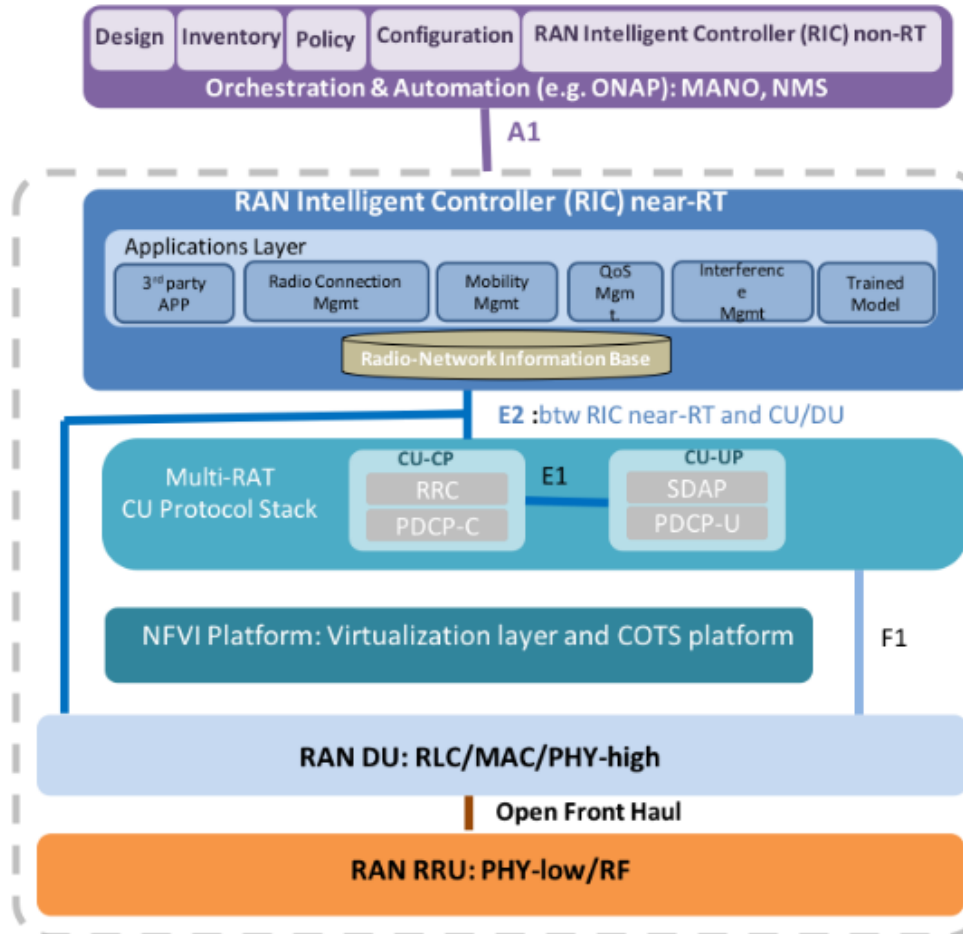
Project proposal for O-RAN TOC: RAN Intelligent Controller

May 22, 2019

Background

- According to the O-RAN Software Community bylaws, the TOC can start new sub-projects and sub-committees
- This is a proposal to start a new (sub-)project called "RAN Intelligent Controller"
- Initial supporters for this project are AT&T and Nokia

Context



ONAP integration is not in scope, some subset can be used for integration testing

The scope of work is the RAN Intelligent Controller (RIC) Near-RT

RIC can run eg. on Akraino REC platform

CU will be emulated

RIC-internal Radio Network Information Base also included.

Timeline

- The RIC project aims to be part of O-RAN release "A"
- The work will start immediately after the approval of the project

Lab infra

- TBD
- One possibility is to use the Nokia Akraino REC community lab with Open Edge hardware

Practicalities

- The project requests to have, hosted by the O-RAN SC project,
 - A Gerrit repo (named "RIC")
 - Jira
 - Wiki sub-page under O-RAN SC wiki/projects
 - Zoom account for meetings
 - Hashtag #ric at lists.o-ran-sc.org (propose to create new mailing list for projects)
 - Slack channel
- There will be weekly meetings on Zoom, open to all
 - The meetings should be added to lists.oran-sc.org

Proposed committers (to be confirmed by TOC)

Name	Email	CV	Candidate for PTL
Thoralf Czichy	thoralf.czichy@nokia.com	Thoralf is an expert in telco platforms, with over 20 years of experience in building complex real-time systems. Recently, he has been the key contributor in RIC architecture work	Y
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