Objective and Context of REC Blueprint

The goal of the REC blueprint is to eventually perform fully automated bare metal deployment of the RIC. Currently, the RIC must be installed on top of the REC after the REC's automated installation completes. In order to be useful, the RIC requires a 4G and/or 5G RAN that supports the O-RAN specified interfaces that are used by the RIC. The REC is intended to be deployed into a radio operator's management network with connectivity to the operator's eNodeB/gNodeB radios. The RIC provides a platform as a service environment for running "xApps" which interact with the radios to control them in useful and intelligent ways. For more details about the RIC and xApps refer to O-RAN and the O-RAN Software Community documentation.

This Akraiño blueprint provides this part and works with O-RAN-SC to provide the RIC.