UAV Policy xApp Internal Architecture

UAV Policy xApp

Policy Engine
RSRP Threshold: -110 dBm
SINR Threshold: 5 dB

PRB Allocator
Quota: 50 PRBs
Slice: URLLC

SDL (Redis)

Handover Controller
A3 Event Handler
Hysteresis: 3 dB

RMR Bus

REST API Server
Port: 8080

RMR Handler
Port: 4560

Metrics Exporter
Prometheus Format

Prometheus