ONAP R1 Release Use Story Impact Analysis

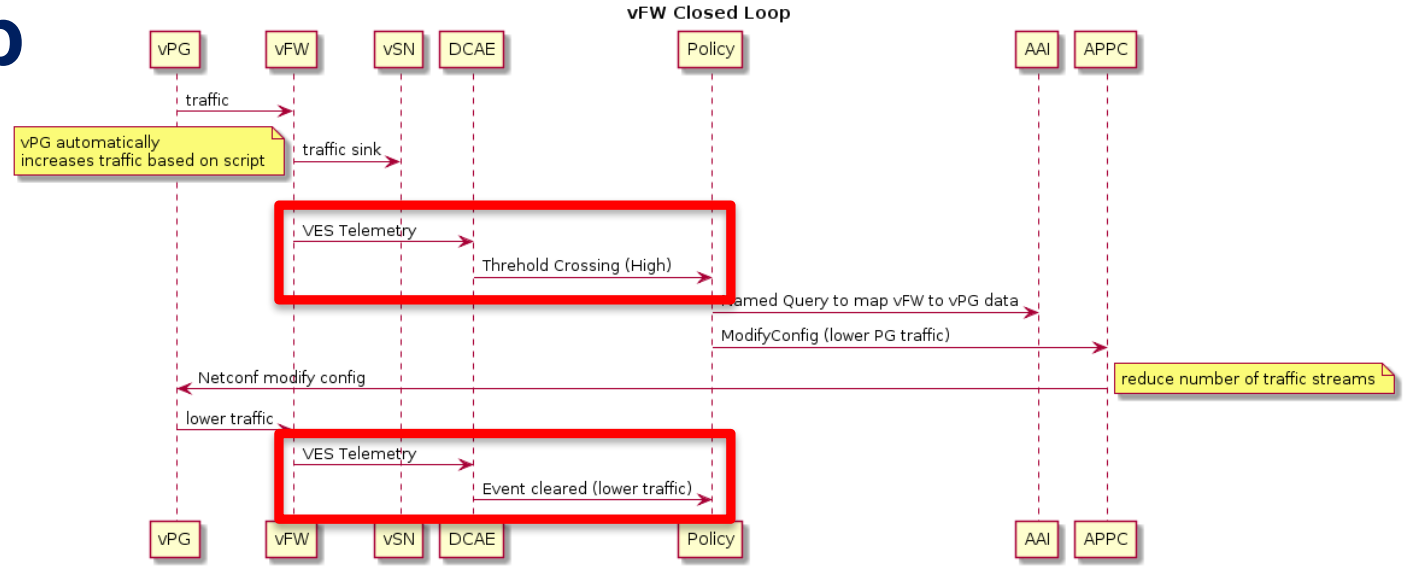
DRAFT

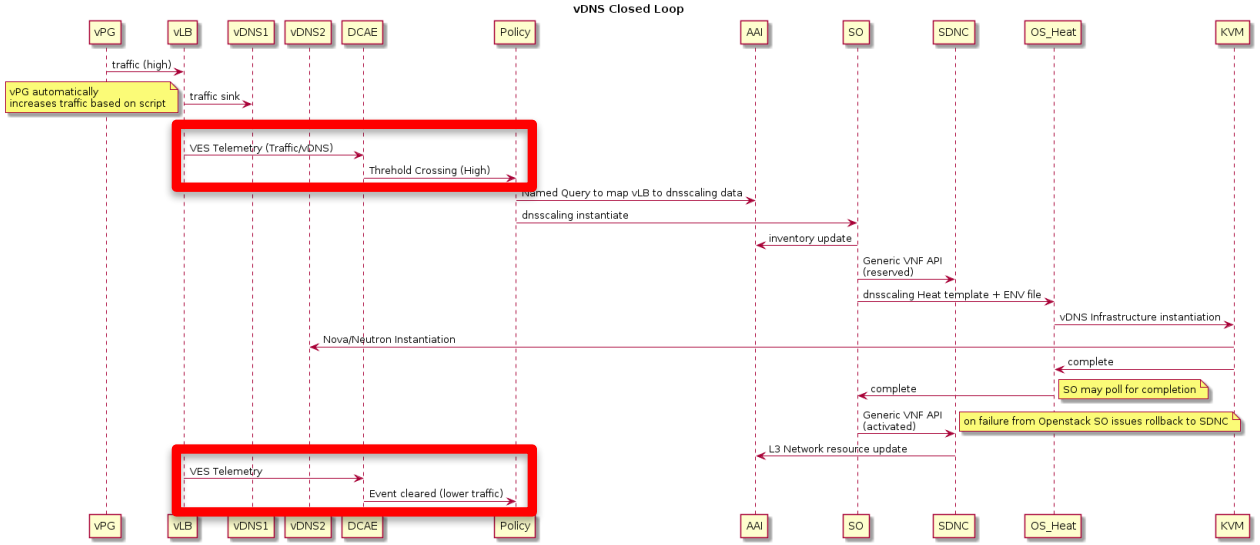
vFW/vDNS

- On-boarding
  - DCAE Components
    - VES Collector
    - Threshold Crossing Analytics (TCA)
- Installation
  - Option 1: VES collector and TCA instantiated at DCAE instantiation time
  - Option 2: VES collector and TCA instantiated when Close Loop is started
- Configuration
  - Option 1: default configuration as part of on-boarding
  - Option 2: Policy supplied at run-time

vFW/vDNS Close Loop Runtime

- Control Loop
  - vFW:
    - Telemetry pushed from vFW to VES collector, VES publishes data to Message Router *topic 1*, TCA receives data and performs analytics, TCA generates alert if threshold crossed, TCA publishes alert to Message Router *topic 2*
  - vDNS:
    - Telemetry pushed from vLB to VES collector, VES publishes data to Message Router *topic 1*, TCA receives data and performs analytics, TCA generates alert if threshold crossed, TCA publishes alert to Message Router *topic 2*



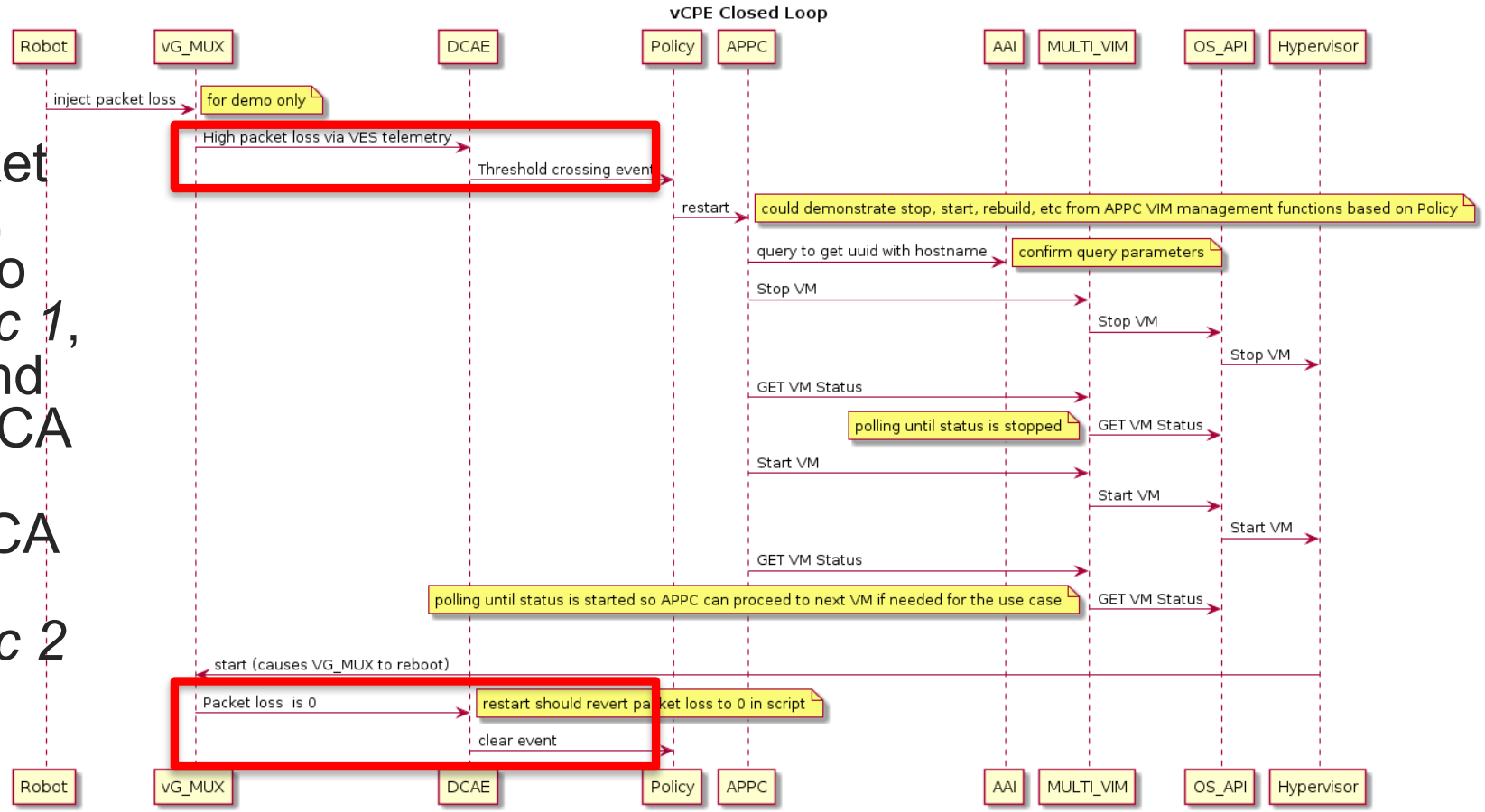


vCPE

- On-boarding
  - DCAE Components
    - VES Collector
    - Threshold Crossing Analytics (TCA)
- Installation
  - Option 1: VES collector and TCA instantiated at DCAE instantiation time
  - Option 2: VES collector and TCA instantiated when Close Loop is started
- Configuration
  - Option 1: default configuration as part of on-boarding
  - Option 2: Policy supplied at run-time

vCPE Close Loop (auto-healing) Runtime

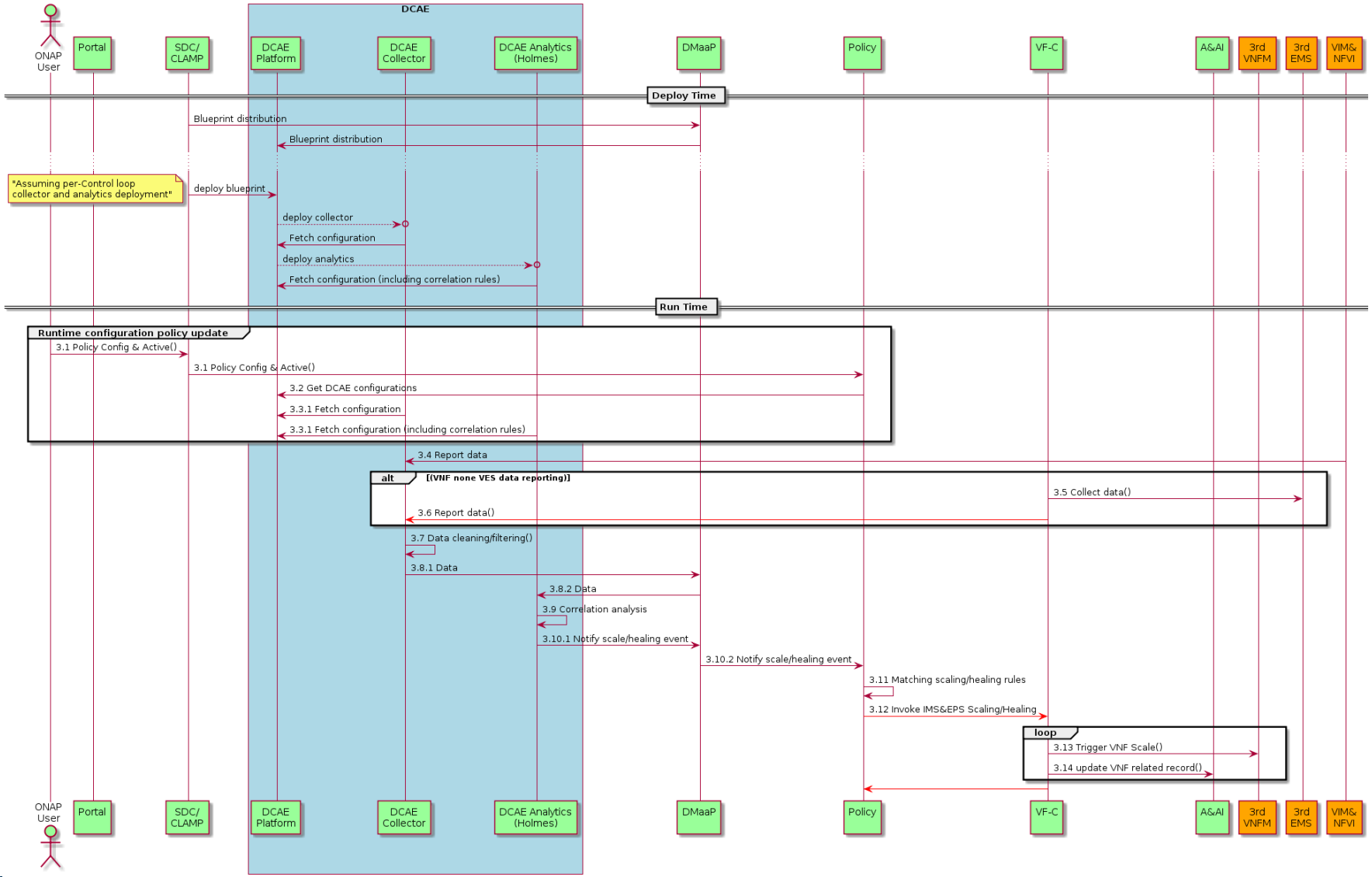
- Control Loop
  - vGMUX pushes packet loss to VES collector, VES publishes data to Message Router *topic 1*, TCA receives data and performs analytics, TCA generates alert if threshold crossed, TCA publishes alert to Message Router *topic 2*



vVoLTE

- On-boarding
  - DCAE Components
    - VES Collector
    - Holmes correlation
- Installation
  - Option 1: VES collector and Holmes instantiated at DCAE instantiation time
  - Option 2: VES collector and Holmes instantiated when Close Loop is started
- Configuration
  - Option 1: default configuration as part of on-boarding
  - Option 2: Policy supplied at run-time

vVoLTE Control Loop



BACKUP SLIDES