



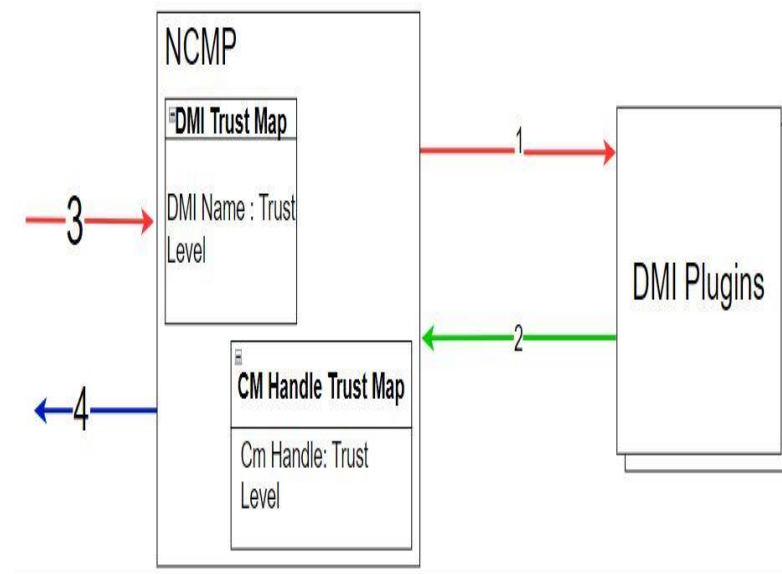
CPS Demo

29 Nov. 2023 - Wednesday

EPIC: CM HANDLE CONNECTIVITY FRESHNESS/ STALENESS

THE INTERFACES USED IN THIS DEMO

- 1- The Health Check Interface towards DMI-Plugins (REST)
- 2- Device Health Beat Interface (Kafka)
- 3- Cm Handle Query API with trustLevel Query Condition (Rest)
- 4- AVC CPS-Notification Interface (Kafka)



CONTAINERS USED IN THIS DEMO

kafka

cps-and-
ncmp

dbpostgresql

ncmp-dmi-
plugin

TEST SCENARIOS (USE-CASES)

1. Register 4 CM Handles (Happy Case): CH-1, CH-2, CH-3, CH-4
 - With the trustLevels: COMPLETE, COMPLETE, <blank>, NONE
 - Query CM Handles
 - 1 notification sent
2. DMI-Plugin DOWN
 - Query CM Handles
 - Notifications Sent for both CH-1, CH-2, CH-3
3. DMI-Plugin UP
 - Query CM Handles
 - Notifications Sent for both CH-1, CH-2, CH-3 NOT CH-4 !
4. Listening Device Heartbeat Record – (CH-4, trustLevel: COMPLETE)
 - Query CM Handles
 - Notification Sent