STM EQUIPMENT MANAGEMENT

1. Login to STM equipment

2. Check the temperature of the card
   - System => Node slot view =>XA20G card -- Temperature(°C)

   Note down the temperature for both XA20G cards

   ❖ Check status of cards & SFP in inventory
   - Inventory => Node Inventory
   - ➢ Note down the cards which are not present or Down
   - ➢ In SFP section if any SFP is showing Down or mismatch, "DELETE" that SFP.

3. Check status of the STM Ports
   - Open XA20G Card => Ports
   - ➢ If 'Admin status' is UP and 'Operational status' is DOWN for the port, then edit and make Port 'admin status' DOWN. (Make admin status down for all the ports of which operational status is down)

   DO IT ON BOTH XA20G CARD AND SOT18(if available)

4. Check status of CEF Card ports
   - Make admin status DOWN for all ETH port and VCG group if there operational status is down.

5. Clearing Alarms in SDH
   - Faults => Active alarms
   - ➢ Note down the critical and major alarms in the system
   - ➢ If Link Down alarms is there, check the port, if the port is not in use make its admin status down.
   - ➢ Note down the following alarms , if present .
     - Database write failure
     - FAN failure
     - Temperature too high

- Loss of frame

6. Filtering the Alarms
   - Faults => Alarm filter => click 'provision a new alarm filter'

❖ To filter 'FAN FAILURE ALARM'
- Alarm class -- " CARD"
- Type -- "FTU20-1-10'
- Alarm -- "Fan Failed"
- Name -- "FTU Fan failed"

Click "CREATE"

❖ To filter out Datalogger port AIS Alarm
- Alarm class -- " port_PDH"
- Type -- "E1-1-5-DL port"
- Alarm -- "Alarm indication signal on port"
- Name -- "DL Port"

Click "CREATE"

❖ To filter 'LAN Port DOWN' alarm(LAN-1-6)
- Alarm class -- " Network Interface"
- Type -- "LAN-1-6"
- Alarm -- "LAN Port Down"
- Name -- "LAN Port down"

Click "CREATE"

Note - Similarly other alarms can also be filter out by selecting corresponding Alarm class, Type and Alarm.

7. Input voltage alarm setting
   - Performance => Input voltage monitoring
     - Click 'Edit' and change lower threshold value to "-50" if current voltage value is above 50 and Submit it.

- Faults => Alarm severity
  - Change alarm severity of “Input Voltage Low on PSU Card” from Major to Critical alarm and submit it.

8. Do All the step and post it in the group as “ Completed Station Name”