VOSS Assurance: Cisco Expressway monitoring set up

Cisco Expressway v8.10

Configuring HTTP feedback on Expressway C and E

The goal is to configure Cisco Expressway C&E to send HTTPS feedbacks to the VOSS Assurance Arbitrator/Correlation server on status changes. Steps are as follows:

- Connect to Cisco Expressway C via SSH
- Enter: **xstatus Feedback**
  This should show you what Feedback IDs are currently occupied. You should have a total of 3 and usually one or two of them are in use by other systems. If you see an available ID, take a note of it and use it to execute your next command.
- Enter: **xCommand FeedbackRegister ID:**[1-3] **URL:"https://**[IP of Arbitrator]**/api/log/events/expressway" Expression.1:"/Event/CallDisconnected" Expression.2:"/Event/CallConnected" Expression.3:"/Event/CallFailure" Expression.4:"Event/RegistrationFailure" Expression.5:"/Event/AuthenticationFailure" Expression.6:"/Event/ResourceUsage" Expression.7:"/Status/Calls" Expression.8:"/Event/CallAttempt"**
- Enter: **xstatus Feedback**
  This step is to verify your configuration change.
- Repeat the same steps for Cisco Expressway E.

Enable Syslog on Expressway C and E

Configure syslog on your Cisco Expressway C&E admin portal under "Logging Configuration" page, and point them to your Arbitrator with the following settings:
- Syslog format: IETF
- Protocol: TCP
- Severity: Informational
- CDR: Enabled (Service and Logging)
- Media Stats: Enabled
- Local Event Log Verbosity: 2
- Address: Arbitrator's IP address
- Port: 514

Enable SNMP on Expressway C and E

Configure SNMP on your Cisco Expressway C&E admin portal under "Logging Configuration" page, and point them to your Arbitrator with the following settings:
- SNMP mode: v2c
- Community Name: [Please define a community string]

Please note that:
- Cisco Expressway C&E do not support SNMP traps.
- You need to provide the community string you created above to LayerX team.