



# VOSS Assurance: Cisco Expressway monitoring set up

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## 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.