XOS ESAM OOB SCTE35 insertion with Postman

1].

XOS settings

Start with XOS SAG GUI

https://xos-ip

Select **Configure Channels** app

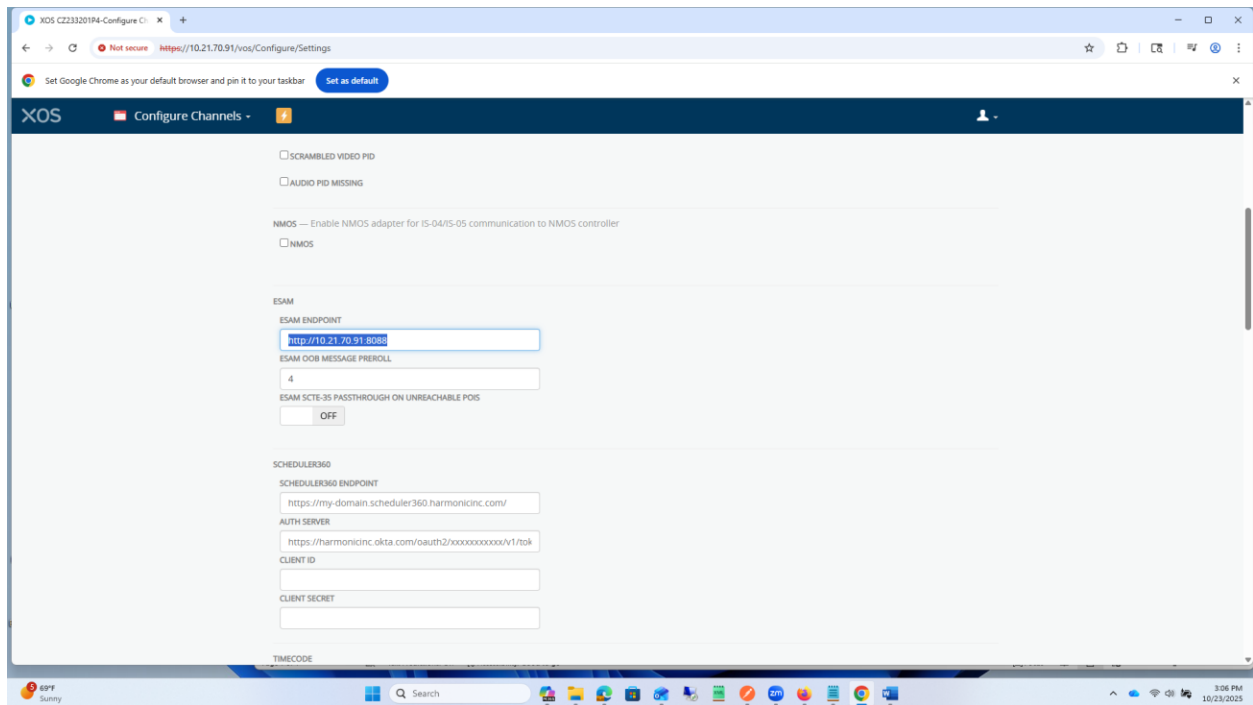On the page top right, select **Settings**

Select **Advanced**

ESAM

ESAM ENDPOINT field fill in

http://xos-ip:8088

for example:

http://10.21.70.91:8088

ESAM OOB MESSAGE PREROLL field, fill in: value 4.
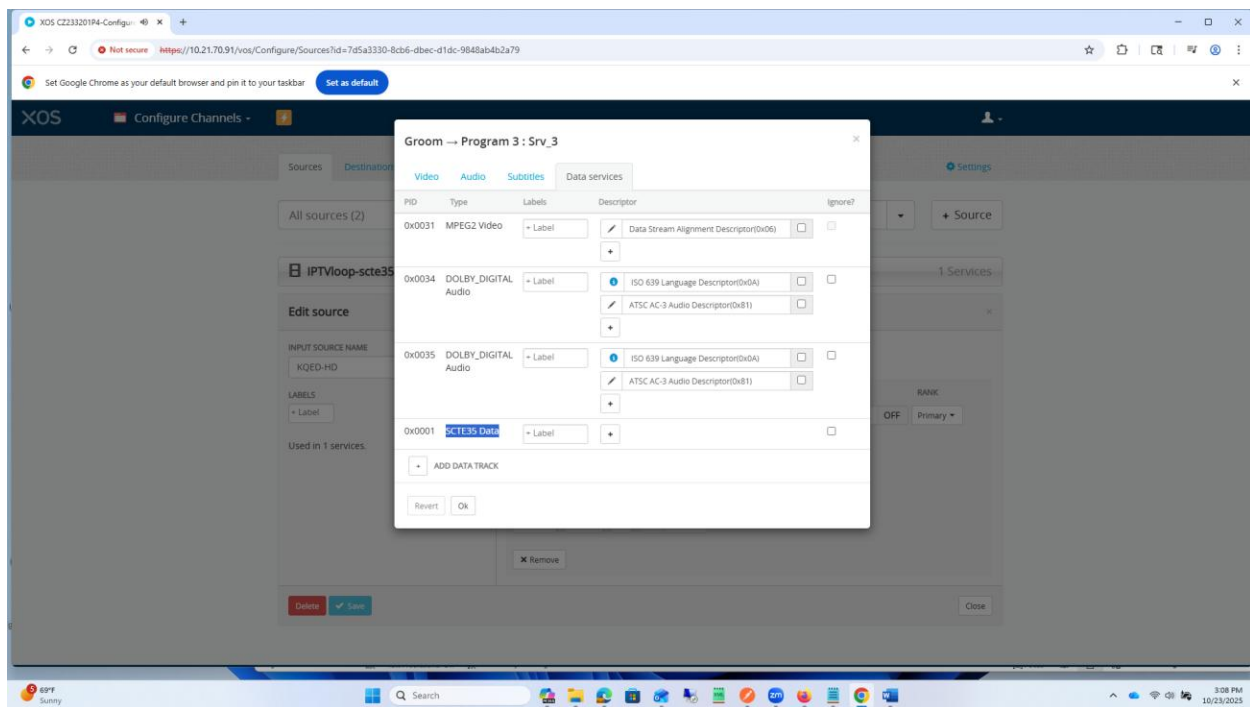
2]. XOS Source Settings

From the XOS Web GUI,

Configure Channels,

Select **Sources**

For the source you created, in the source Groom,

Select Data services, ADD DATA TRACK for SCTE-35 Data (if it does not exist).

After added SCTE35 Data track, click **OK**, and **Save** the source.

3]. XOS Service Setting

From the XOS Web GUI, select **Configure Channels**, select **Services**
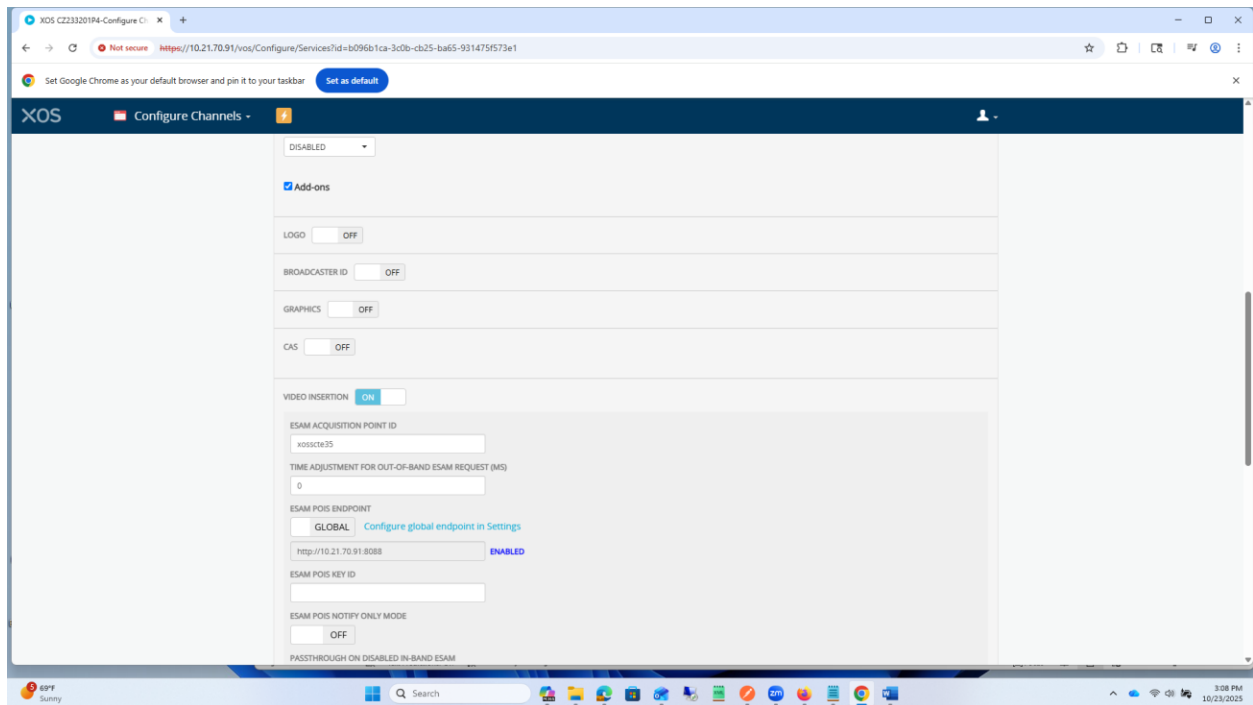
Click the created service,

Scroll down to check **Add-ons**

On the **VIDEO INSERTION**, turn it **ON**
In the **ESAM ACQUISITION POINT ID** field, set your esam acquisition point ID: xosscet35 (for example).

This ID must be unique on the XOS with all services.
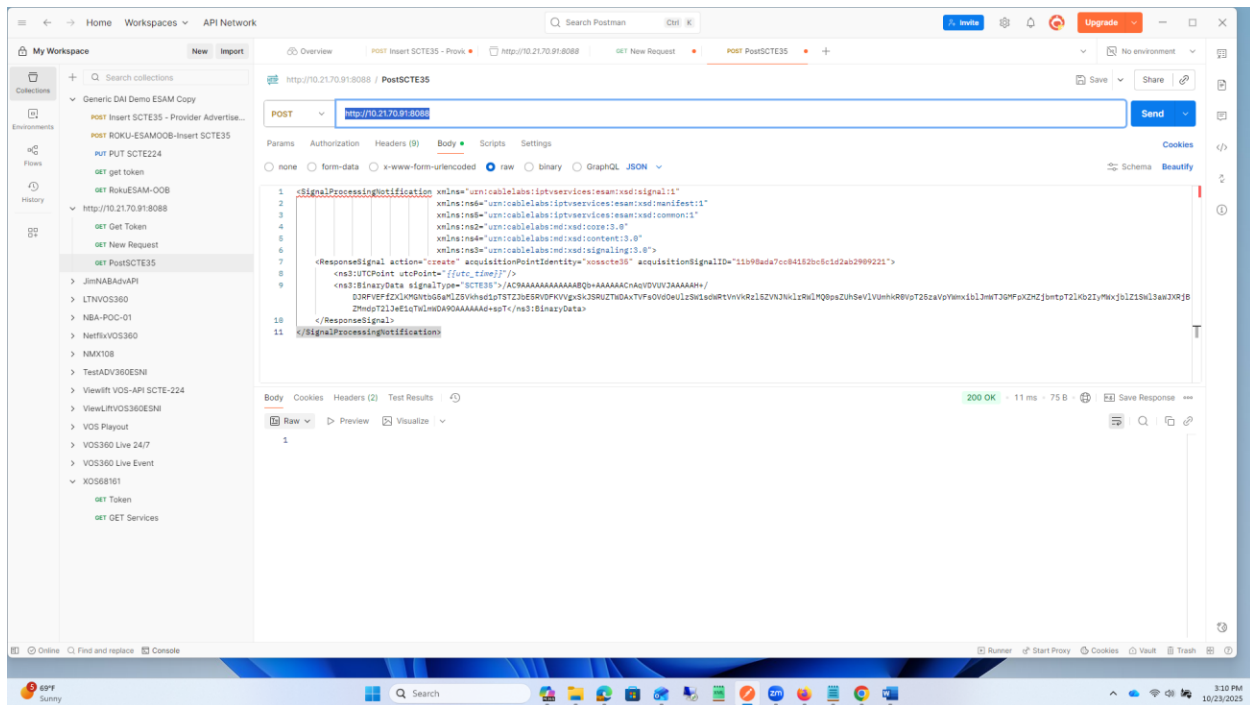
Then click **Save**
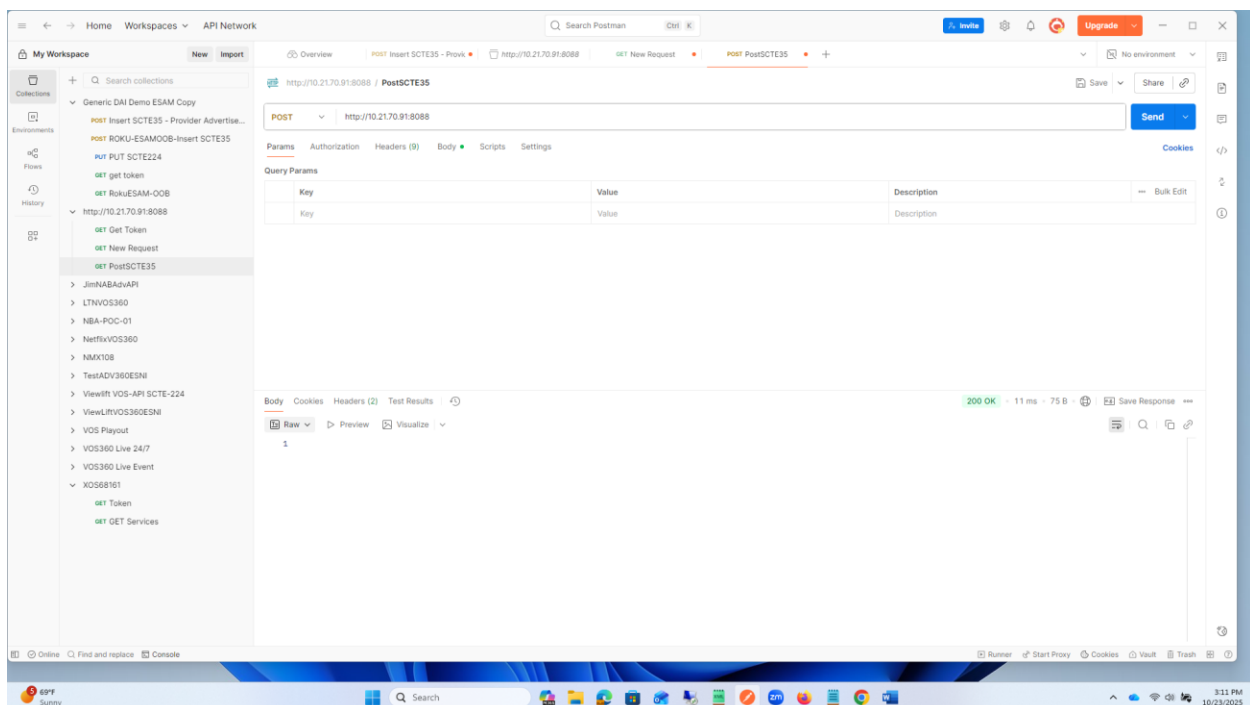
Activate the service.

4]. POSTMAN Settings

Assuming you are usingh Postman API tool.

Create you XOS Postman API Collectiopn
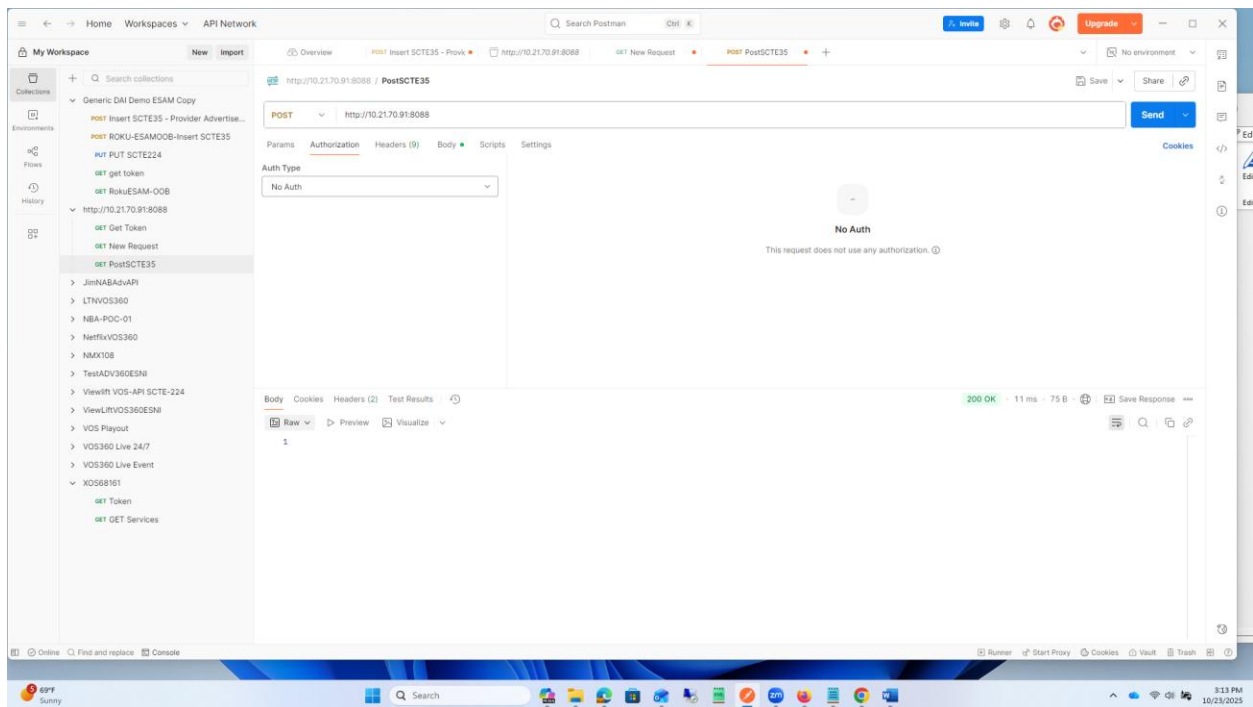
Create a POSTMAN post API call with ESAM OOB endpoint http://xos-ip:8088 (for example http://10.21.70.91:8088)

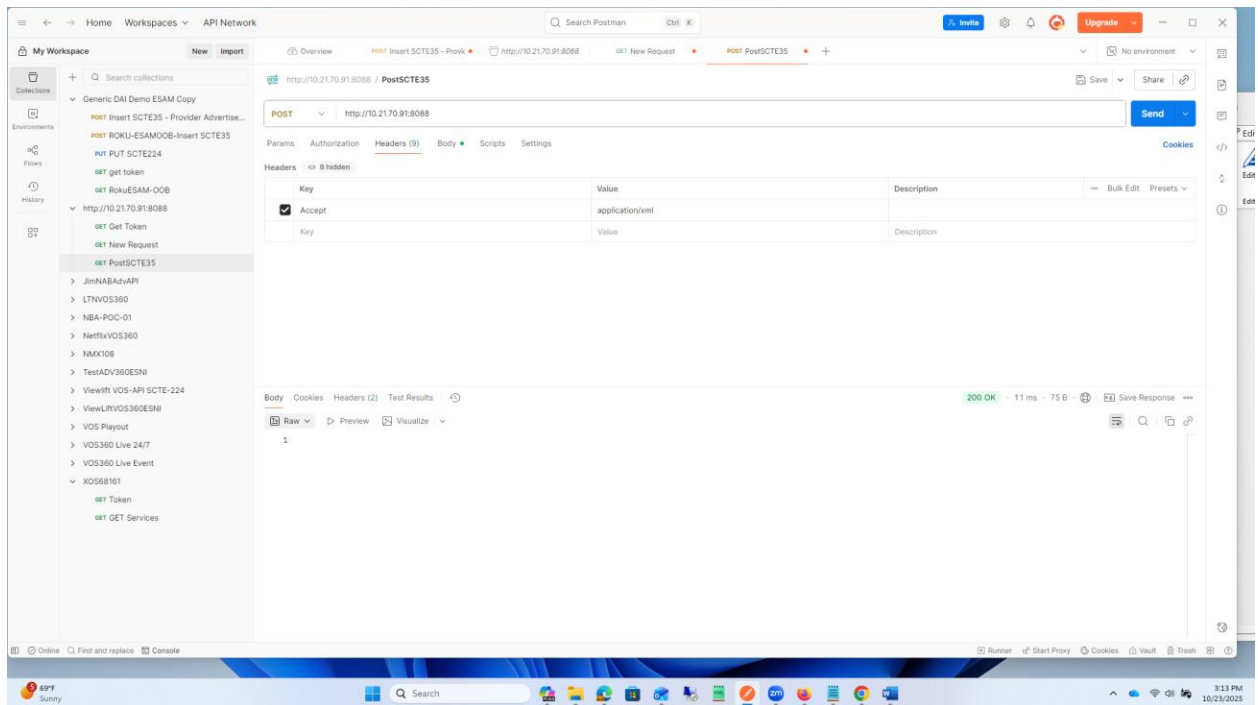**Params setting: blank**

Authentication setting: No Auth

Headers settings:

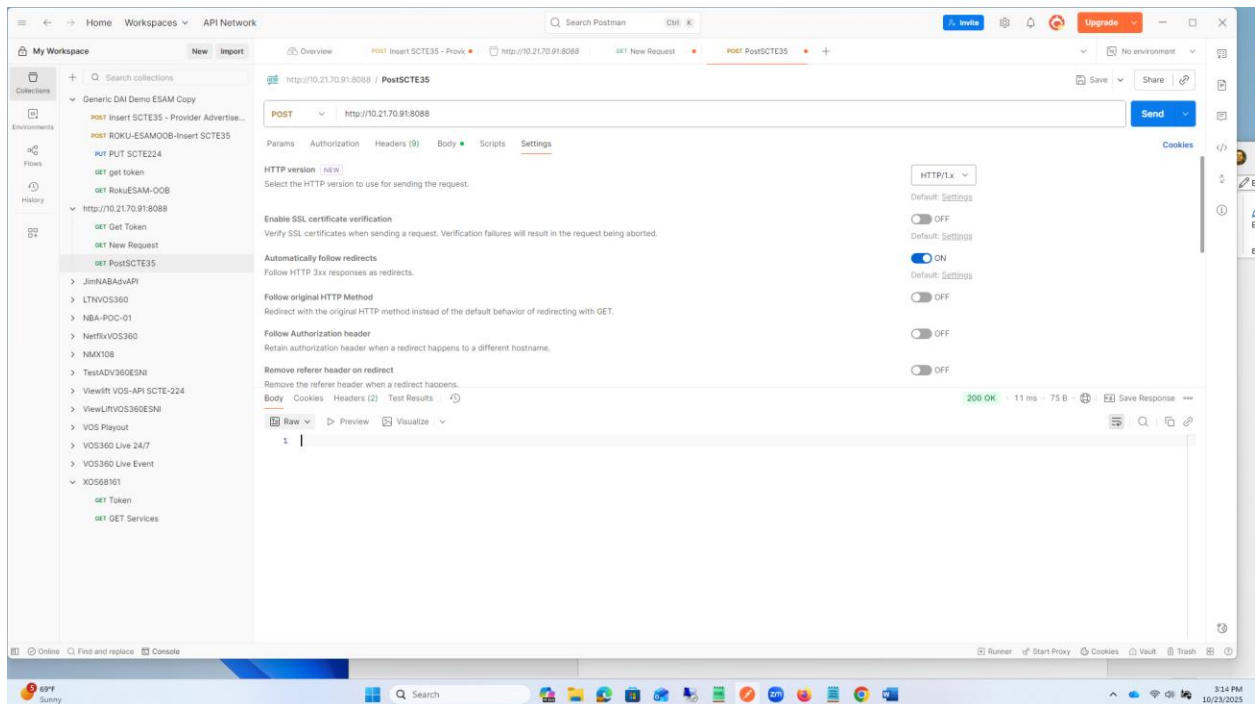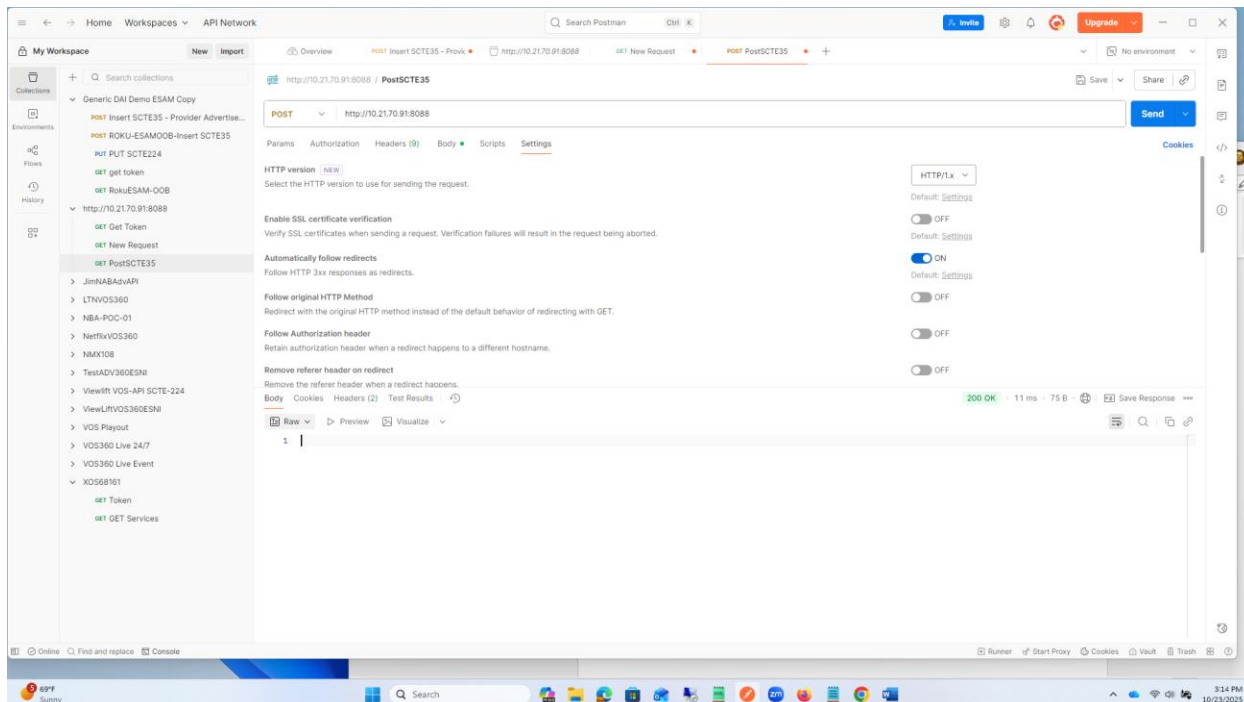**Accept   Application/xml**

Script setting: blank

Settings:

5]. API call body

Select **raw**

6]. Sample SCTE-35 message body

<SignalProcessingNotification xmlns="urn:cablelabs:iptvservices:esam:xsd:signal:1"

        xmlns:ns6="urn:cablelabs:iptvservices:esam:xsd:manifest:1"

        xmlns:ns5="urn:cablelabs:iptvservices:esam:xsd:common:1"

        xmlns:ns2="urn:cablelabs:md:xsd:core:3.0"

        xmlns:ns4="urn:cablelabs:md:xsd:content:3.0"

        xmlns:ns3="urn:cablelabs:md:xsd:signaling:3.0">

  <ResponseSignal action="create" acquisitionPointIdentity="xosscte35" acquisitionSignalID="11b98ada7cc04152bc5c1d2ab2909221">

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<ns3:UTCPoint utcPoint="*{{utc_time}}*"/>

<ns3:BinaryData
signalType="SCTE35">/AC9AAAAAAAAAAAABQb+AAAAAACnAqVDVUVJAAAAAH+/DJRFVEF
fZXlKMGNtbG5aMlZ5Vkhsd1pTTZJbE5RVDFKKVVgxSkJSRUZTWDAxTVFsOVdOeUlzSW1ssd
WRtVnVkRzl5ZVNVNJNklrlrRWlMQ0psZUhSeVlVUmhkR0VpVT25zaVpYYWmxibUmWTJGFpXZHZj
bmtpT2lKb2IyTWWxjblZ1SWl3aWJXRjBZMmdpT2lJeE1qTWlmWDA9OAAAAAAd+spT</ns3:Bi
naryData>

</ResponseSignal>

</SignalProcessingNotification>

Please note the **AcquisitonPointIdentity** "xosscte35", matches to the XOS service Add-ons **ESAM Acquisition Point ID**: xosscte35, as example.

Typically the **acquisitionSignalID** needs to be different for different API call messages.

Another sample SCE-35 message body

<SignalProcessingNotification xmlns="urn:cablelabs:iptvservices:esam:xsd:signal:1"

xmlns:ns6="urn:cablelabs:iptvservices:esam:xsd:manifest:1"

xmlns:ns5="urn:cablelabs:iptvservices:esam:xsd:common:1"

xmlns:ns2="urn:cablelabs:md:xsd:core:3.0"

xmlns:ns4="urn:cablelabs:md:xsd:content:3.0"

xmlns:ns3="urn:cablelabs:md:xsd:signaling:3.0">

<ResponseSignal action="create" acquisitionPointIdentity="xosscte35"
acquisitionSignalID="11b98ada7cc04152bc5c1d2ab2909307">

<ns3:UTCPoint utcPoint="{{utc_time}}"/>

<ns3:BinaryData
signalType="SCTE35">/AERAAAAAAAAAAAABQb+AAAAAAD7AvlDVUVJAAAAAH+/DOhFVEF
fZXlKMGNtbG5aMlZ5Vkhsd1pTTZJbE5RVDFKKVVgxSkJSRUZTWDAxTVFsOVdOeUlzSW1ssd
WRtVnVkRzl5ZVNVNJNklrlrRWlMQ0psZUhSeVlVUmhkR0VpVT25zaVpYYWmxibUmWTJGFpXZHZj

bmtpT2lKd2FYUmphQ3hvYjlxbGNuVnVVMRzkxZEN4aGRHSmhkRzkyWlhJaUxDSnRZWFJqqY
UNJNkluTmtPbTFoZEdOb09qTXpZalZpWlRRKbUxUTTRZVFV0TkRsak9DDMWhNelEzTFRNMVp
tTmtNVE16TXpOak1TSjlmUT09OAAAAAAioXDU</ns3:BinaryData>

  </ResponseSignal>

</SignalProcessingNotification>