Simplified Agent message for destination (Epic 81)

Destination will receive following requests and Events

1. Setup Request

<Request>

<Header serviceName=*"Layout"* requestName=*"SetupRequest"*

userJID=*"managementserver.localhost"* requestNID=*""*>

<ClientData />

<ClientCallback>com.ipvs.mediaroomservice.impl.AppServerAgent

</ClientCallback>

</Header>

<Data>

<SetupRequestData>

<streamNID>avfav9</streamNID>

<streamdatadoc>

<Stream NID=*"* avfav9*"*>

<data>

<context roomId=*"xp1001\_CHANNEL1.AutoStartSession"* id=*"6ed397ef-2dda-472a-af1c-3aa3bc35657b"*/> <!-- roomID is sessionId and id is conn id -->

<roomNID>4bee71e8-c2b7-41c7-b6f8-e132b3204f0a</roomNID>

<mediaSourceNID>b1ed9565-37df-4749-99fc-d8b8e03302e6</mediaSourceNID>

<mediaDestNID>bf74bc4a-41c3-4db0-b8d3-7c8f4d5cb984</mediaDestNID>

<profileNID/>

<profileXML><V2DMediaStreamProfileInfo>

<V2DStreamConfig Dirty=*"MODIFY"*>

<IsMulticast>true</IsMulticast>

<EnableSRDTranscode/>

<SRDTranscodeBandwidth/>

<AVOption>Both</AVOption>

</V2DStreamConfig>

<V2DEncoderAudioConfig>

<SampleRate/>

<SampleSize/>

<MonoStereo/>

<AudioEncodeEnable/>

</V2DEncoderAudioConfig>

<V2DEncoderConnectionParameterConfig Dirty=*"MODIFY"*>

<BurstRatio>1</BurstRatio>

<BurstDuration>50</BurstDuration>

<Compression>

<High>6</High>

<Low>6</Low>

</Compression>

<Bandwidth>15000</Bandwidth>

<Refresh>

<Min>10</Min>

<Max>30</Max>

</Refresh>

<Slice>

<Min>0</Min>

<Max>15</Max>

</Slice>

<BlockThreshold>5</BlockThreshold>

<ColorSampling>4:2:2</ColorSampling>

<FrameRateDivider>1</FrameRateDivider>

<IFrameInterval/>

</V2DEncoderConnectionParameterConfig>

<V2DEncoderConnectionParameterKbmConfig Dirty=*""*>

<AllowKMSwitch>true</AllowKMSwitch>

<KMIdleTime/>

<EnableKbm>false</EnableKbm>

</V2DEncoderConnectionParameterKbmConfig>

<V2DRecorderConfig Dirty=*""*>

<FFTracks>false</FFTracks>

<ThumbnailConfig>

<Enable/>

</ThumbnailConfig>

</V2DRecorderConfig>

</V2DMediaStreamProfileInfo></profileXML>

<relayNID/>

<mediarelayNID/>

<destNID/>

<destPortNID/>

<destIP/>

<destUDPStartPort/>

<destAgentJID>managementserver.localhost</destAgentJID>

<destFileUUID/>

<destFileParentDirNID/>

<callbackPort/>

<destStreamURL/>

<sourceNID>default.mediastreamioportresourcelist.msioprl\_d02d8cc6-18e3-4d91-988b-1bdbbb720759</sourceNID>

<sourcePortNID>default.mediastreamioportresourcelist.msioprl\_d02d8cc6-18e3-4d91-988b-1bdbbb720759</sourcePortNID>

<xAuthAgentJID/>

<streamGroups>

<Tag Name=*"track"* Value=*"4bee71e8-c2b7-41c7-b6f8-e132b3204f0a.StreamTrack"*/>

</streamGroups>

<streamOwnerUserJID>managementserver.localhost</streamOwnerUserJID>

<streamURLType/>

<sourceAgentJID>xp1001@localhost/xp1001</sourceAgentJID>

<startWallClock>0</startWallClock>

<trimLength/>

<trackStateAtStart>STARTED\_CURRENT</trackStateAtStart>

<trackOffsetAtStart>0</trackOffsetAtStart>

<sourceNetworkAddressRule/>

<destNetworkAddressRule/>

<publishedSourceIP>10.51.50.51</publishedSourceIP>

<publishedDestIP/>

<resolvedSourceIP>10.51.50.51</resolvedSourceIP>

<resolvedDestIP/>

<multicastIP>226.1.1.4</multicastIP>

<destPortElementID>\Qxp1001\_CHANNEL1.AutoStartSession\E.\Q6ed397ef-2dda-472a-af1c-3aa3bc35657b\E</destPortElementID>

<destType>OUTPUT\_STREAM</destType>

<streamType>V2D</streamType>

<streamURL> v2d://10.51.50.14/port=6060?bandwidth=15360000?avoption=Both?ismulticast=true?enablekbm=false?authscheme=TOKEN?authdata=ed9a00f9-7e9b-44cf-9ca0-b7480dac8af3</streamURL>

<windowId>6ed397ef-2dda-472a-af1c-3aa3bc35657b</windowId>

<canvasId>xp1001\_CHANNEL1.AutoStartSession</canvasId>

<trickPlay>true</trickPlay>

</data>

<Status>

<state>8</state>

<lastEventData/>

<relayData relayRoomNID=*""* relayStreamNID=*""*/>

<MediaTimeline id=*""*>

<Start WC=*""* Offset=*""* TC=*""*/>

<Last WC=*""* Offset=*""* TC=*""* TimeScale=*""* action=*""* lastState=*""* requestedAction=*""*/>

</MediaTimeline>

</Status>

</Stream>

</streamdatadoc>

<mediasourcedatadoc>

<MediaSource NID=*"b1ed9565-37df-4749-99fc-d8b8e03302e6"* parentNID=*""* id=*"afe84b3b-df90-400e-8983-6f99ce7bdd9f"* title=*"xp1001\_CHANNEL1"* presence=*"available"*>

<data>

<roomNID>4bee71e8-c2b7-41c7-b6f8-e132b3204f0a</roomNID>

<sourceNID>default.mediastreamioportresourcelist.msioprl\_d02d8cc6-18e3-4d91-988b-1bdbbb720759</sourceNID>

<startOffset/>

<startTimecode>1376084419777</startTimecode>

<userRoomMediaSourceNID/>

<sourceType>ENCODER</sourceType>

<sourcePortNID>default.mediastreamioportresourcelist.msioprl\_d02d8cc6-18e3-4d91-988b-1bdbbb720759</sourcePortNID>

<sourcePortElementID>1</sourcePortElementID>

<sourceAgentJID>xp1001@localhost/xp1001</sourceAgentJID>

<streamType>V2D</streamType>

<streamURL/>

<streamProfile/>

<trackNID>4bee71e8-c2b7-41c7-b6f8-e132b3204f0a.StreamTrack</trackNID>

<streamTrackMediaSourceNID/>

<pvrEnabled/>

<lookbackSourceNID/>

<lookbackSourceAgentJID/>

<lookbackSourceFileUUID/>

<lookbackSourceFileParentDirNID/>

<lookbackSourceFilePlayLength/>

<lookbackSourceFileStartTC/>

<xAuthAgentJID/>

<monitorAgentJID/>

</data>

</MediaSource>

</mediasourcedatadoc> </SetupRequestData>

</Data>

</Request>

1. MediaPresence Event

<Event>

<Header eventAgentJID=*"managementserver.localhost"* serviceName=*"\*"*

eventLevel=*"200"* eventName=*"MediaPresenceEvent"* eventWallclock=*"1379616967665"* />

<Data>

<MediaPresenceEventData value=*"Unavailable/available"*

roomNID=*"3877113d-be3e-4f9b-a35e-de82eed981a4"* type=*"MediaRoom/Entity"* />

</Data>

<Log />

</Event>

1. TearDown Request

<Request>

<header>

<servicename>Layout</servicename>

<requestname>TeardownRequest</requestname>

<userJID>none</userJID>

<requestNID>none</requestNID>

<clientdata>none</clientdata>

</header>

<data>

<TeardownRequestData>

<streamNID>c7c002c0-43c0-451f-b087-56818bb4e88f</streamNID>

</TeardownRequestData>

</data>

</Request>

1. StreamStatus Event

<Event>

<Header serviceName=*"Pubsub"* eventName=*"StreamStatusEvent"*

eventAgentJID=*"user@localhost/user"* eventWallclock=*"1379552897489"*

eventLevel=*"200"* />

<Data>

<StreamStatusEventData streamNID=*""* roomNID=*""*>

<state>8</state>

<lastEventData />

<relayData relayRoomNID=*""* relayStreamNID=*""* />

<URL></URL>

<MediaTimeline id=*""* ssInstanceID=*"2019"*>

<Start WC=*"1379552895046"* Offset=*""* TC=*"1379552895046"* />

<Last WC=*"1379552895046"* Offset=*"748"* TC=*"1379552895046"*

TimeScale=*"1.0"* action=*"Start"* lastState=*"STARTED\_CURRENT"*

requestedAction=*"Start"* sourceAction=*"Start"* ssTC=*"1379552897386"*

ssWC=*"1379552897386"* />

</MediaTimeline>

</StreamStatusEventData>

</Data>

</Event>

Destination will send Setup Response for Setup Request:

<Response>

<header>

<servicename>Layout</servicename>

<requestname>SetupRequest</requestname>

<userJID>none</userJID>

<requestNID>none</requestNID>

<clientdata>none</clientdata>

</header>

<Data>

<SetupResponseData streamNID=*""* roomNID=*""*>

<state>8</state>

<lastEventData />

<URL></URL>

<MediaTimeline id=*""* ssInstanceID=*"2019"*>

<Start WC=*"1379552895046"* Offset=*""* TC=*"1379552895046"* />

<Last WC=*"1379552895046"* Offset=*"748"* TC=*"1379552895046"*

TimeScale=*"1.0"* action=*"Start"* lastState=*"STARTED\_CURRENT"*

requestedAction=*"Start"* sourceAction=*"Start"* ssTC=*"1379552897386"*

ssWC=*"1379552897386"* />

</MediaTimeline>

</ SetupResponseData >

</Data>

</ Response >