Room SID : RMc68e9a06139cfc5cab0241496bcc5a1d

1. Launched the Twilio Video React App, Entered the Room name as ‘Test 1’ and User Name as ‘Manish’, clicked on continue
2. Initial Joining Screen. You can see all the configuration for the video Room like Audio/Video on/off/mute/unmute
3. Click On settings Ico, there are 3 option  
   1. About :   
   2. Audio and Video Settings  
   3. Connection Settings
4. Mute the Video
5. Stop the Video
6. Joined the Room
7. Captured webhook Events
8. Webhook Event for Recording Started
9. Muted the audio
10. Stopped the Video
11. Use chat functionality in the video app
12. Open Screen share window
13. Share the screen
14. Open room monitor, review the details in that window and room information
15. See the stats in Twilio Video Room Monitor
16. Open Backgrounds from the more dropdown available in taskbar
17. Choose Blur background
18. Try different background
19. Change Audio and Video Settings
20. Disconnect the internet connection
21. Reconnecting to the room
22. Connected back to the room
23. Stopped Recording
24. Recording started again
25. Webhook events for all the above changes
26. Disconnected From the room
27. Webhook Event for Room Disconnect   
    RoomStatus=in-progress&RoomType=group&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&ParticipantDuration=1236&ParticipantStatus=disconnected&ParticipantIdentity=Manish&SequenceNumber=20&StatusCallbackEvent=participant-disconnected&Timestamp=2022-05-09T18%3A00%3A22.308Z&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05

Sample Webhook Events :

Room Created :

RoomStatus=in-progress&RoomType=group&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&SequenceNumber=0&StatusCallbackEvent=room-created&Timestamp=2022-05-09T17%3A39%3A41.061Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05

Track Added :

RoomStatus=in-progress&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&ParticipantStatus=connected&ParticipantIdentity=Manish&StatusCallbackEvent=track-added&Timestamp=2022-05-09T17%3A39%3A46.091Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&TrackKind=audio&RoomType=group&TrackSid=MT6d938bd8862f728c25019125d0f7c510&SequenceNumber=2&TrackName=79315882-9bda-4e1d-982f-ca3ad8dc3b1e&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f

Participant Connected :

RoomStatus=in-progress&RoomType=group&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&ParticipantStatus=connected&ParticipantIdentity=Manish&SequenceNumber=1&StatusCallbackEvent=participant-connected&Timestamp=2022-05-09T17%3A39%3A46.091Z&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05

Recording Started :

RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&SourceSid=MT6d938bd8862f728c25019125d0f7c510&ParticipantIdentity=Manish&RecordingSid=RTbdedfc19e06becf50b83458cc2f878c4&StatusCallbackEvent=recording-started&Timestamp=2022-05-09T17%3A39%3A48.137458Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&RecordingUri=%2Fv1%2FRecordings%2FRTbdedfc19e06becf50b83458cc2f878c4&Codec=opus&Container=mka&Type=audio&RoomType=group&OffsetFromTwilioVideoEpoch=209367585988&TrackName=79315882-9bda-4e1d-982f-ca3ad8dc3b1e&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f

Audio Track Disablled :

RoomStatus=in-progress&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&ParticipantStatus=connected&ParticipantIdentity=Manish&StatusCallbackEvent=track-disabled&Timestamp=2022-05-09T17%3A42%3A00.412Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&TrackKind=audio&RoomType=group&TrackSid=MT6d938bd8862f728c25019125d0f7c510&SequenceNumber=4&TrackName=79315882-9bda-4e1d-982f-ca3ad8dc3b1e&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f  
  
  
Video Stopped :

RoomStatus=in-progress&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&ParticipantStatus=connected&ParticipantIdentity=Manish&StatusCallbackEvent=track-removed&Timestamp=2022-05-09T17%3A42%3A22.084Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&TrackKind=video&RoomType=group&TrackSid=MTac0ceea105ff9152ef63b7ee3931a43f&SequenceNumber=5&TrackName=camera-1652117959066&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f

Recording Stopped :

MediaUri=%2Fv1%2FRecordings%2FRT2967096aad92328a225a37a8097b2d5d%2FMedia&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&SourceSid=MT5641fb821c2a93f8f519a80026f280dc&Size=305435&ParticipantIdentity=Manish&RecordingSid=RT2967096aad92328a225a37a8097b2d5d&Duration=17&StatusCallbackEvent=recording-completed&Timestamp=2022-05-09T17%3A44%3A19.358403Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&RecordingUri=%2Fv1%2FRecordings%2FRT2967096aad92328a225a37a8097b2d5d&Codec=vp8&Container=mkv&Type=video&RoomType=group&OffsetFromTwilioVideoEpoch=209367585988&TrackName=screen&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f

Participant Disconnected :

RoomStatus=in-progress&RoomType=group&RoomSid=RMc68e9a06139cfc5cab0241496bcc5a1d&RoomName=Test1&ParticipantDuration=1236&ParticipantStatus=disconnected&ParticipantIdentity=Manish&SequenceNumber=20&StatusCallbackEvent=participant-disconnected&Timestamp=2022-05-09T18%3A00%3A22.308Z&ParticipantSid=PAbb2fe820f681d84f8eb97a4d2afb5c9f&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05

Group Room with 2 participants (Please refer screenshot starting with 2.1, 2,2,...etc)

Room SID : RMe7da7b1df04e89ba735a15191380aede

1. Participant 1 (Manish) joined the room
2. Participant 2 (Mayur) Joined the room
3. Shared chat between participants
4. Screen Sharing
5. Turned off wifi connection to test reconnectivity
6. Turned on the Internet connection, Participants joined back successfully
7. Turned off recording
8. Turned on recording
9. Background change
10. Tested the device input dropdowns

**Status Callback Events :**

1. Room Created  
   RoomStatus=in-progress&RoomType=group&RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&SequenceNumber=0&StatusCallbackEvent=room-created&Timestamp=2022-05-10T04%3A10%3A05.018Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05
2. Track Added  
   RoomStatus=in-progress&RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&ParticipantStatus=connected&ParticipantIdentity=Manish&StatusCallbackEvent=track-added&Timestamp=2022-05-10T04%3A10%3A09.901Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&TrackKind=video&RoomType=group&TrackSid=MTeaa214bd933264ec5d5ecffac7eb47ca&SequenceNumber=3&TrackName=camera-1652155797362&ParticipantSid=PAacd63cabb7f7250f3293cd8103d0e133
3. P1 connected (Manish)  
   RoomStatus=in-progress&RoomType=group&RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&ParticipantStatus=connected&ParticipantIdentity=Manish&SequenceNumber=1&StatusCallbackEvent=participant-connected&Timestamp=2022-05-10T04%3A10%3A09.901Z&ParticipantSid=PAacd63cabb7f7250f3293cd8103d0e133&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05
4. Recording Started  
   RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&SourceSid=MTeaa214bd933264ec5d5ecffac7eb47ca&ParticipantIdentity=Manish&RecordingSid=RT5ae83d3d91850f67f4d573549066028b&StatusCallbackEvent=recording-started&Timestamp=2022-05-10T04%3A10%3A11.444570Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&RecordingUri=%2Fv1%2FRecordings%2FRT5ae83d3d91850f67f4d573549066028b&Codec=vp8&Container=mkv&Type=video&RoomType=group&OffsetFromTwilioVideoEpoch=209405409821&TrackName=camera-1652155797362&ParticipantSid=PAacd63cabb7f7250f3293cd8103d0e133
5. P2 Connected (Mayur)  
   RoomStatus=in-progress&RoomType=group&RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&ParticipantStatus=connected&ParticipantIdentity=Mayur&SequenceNumber=4&StatusCallbackEvent=participant-connected&Timestamp=2022-05-10T04%3A10%3A21.702Z&ParticipantSid=PAfe3cd1ff38d26a3114198f6fd69678d4&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05
6. Track Disabled for Manish  
   RoomStatus=in-progress&RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&ParticipantStatus=connected&ParticipantIdentity=Manish&StatusCallbackEvent=track-disabled&Timestamp=2022-05-10T04%3A11%3A50.888Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05&TrackKind=audio&RoomType=group&TrackSid=MTa9b6a3c66807daa75f39060564e94ac0&SequenceNumber=8&TrackName=cfe8ff7a-72d4-4047-b6e6-f0be4f8728b5&ParticipantSid=PAacd63cabb7f7250f3293cd8103d0e133
7. Room ENded  
   RoomStatus=completed&RoomType=group&RoomSid=RMe7da7b1df04e89ba735a15191380aede&RoomName=Room1&RoomDuration=862&SequenceNumber=59&StatusCallbackEvent=room-ended&Timestamp=2022-05-10T04%3A24%3A32.475Z&AccountSid=ACe58d0953fa35412e6f60f9325ce70e05

**2 additional Group Rooms to generate Logs**

Deployed Video App on Twilio CLoud :

Link : <https://video-app-1117-5955-dev.twil.io/?passcode=88308111175955>

Room SID :

1. GroupRoom1

RMf5eae50858d6ec602bb1d40fb1c72433

1. GroupRoom2

RM03d52b187aeecec54bf69a83f6f5fc52

**Add one PSTN participant to a room following** [**Adding Programmable Voice participants to Video Rooms**](https://www.twilio.com/docs/video/adding-programmable-voice-participants-video-rooms)

1. Joined the room via Video App
2. Setup the TwiML bin in TWILIO CONSOLE
3. Configured that TwiML bin with active Twilio Number
4. Called that configured number with monkey Phone Tester
5. User 2 Joined via Phone call

**Create one Peer-to-Peer room.**

Room SID : RMcb18eba540125c8b1aaf415a09be9d68

**Review of what was captured in:**

[**https://www.twilio.com/console/video/logs/rooms**](https://www.twilio.com/console/video/logs/rooms)  
[**https://www.twilio.com/console/video/logs/recordings**](https://www.twilio.com/console/video/logs/recordings)

1. Room Logs Console Page  
     
   1.1. There are logs of all the room created by me. I can have access of all the details related to the room like when it was created, total duration of the room, participant count, concurrent participants and issues if occurred during the call  
     
   1.2 On the left side there is a filter column, where user can change the view and information displayed on the right side of the panel to get their desired data  
     
   1.3 User can also search the particular room by adding Room SID to the search bar available on top  
     
   1.4 User can also export room logs by clicking on the Export CSV button available on top-right side of the page  
     
   1.5 Room Summary page contains the information regarding room, participants and issues if any  
    1.5.1 Participants details  
    1.5.2 Issues during video call

1.6 Participants Summary page contains the details regarding participants who was connected to the room  
  
1.7 You can also see the graph view of participant timeline and bitrate during video call  
  
1.8 Additional details can be seen in packet loss and Round trip time graph

1. Recording logs Console page  
     
   2.1 In recording logs page, details regarding Room video recording with Room SID is available there, User can filter the recordings based on the status and date/time range. You can also bulk delete all the completed recording and export the recordings logs as CSV file

2.2 Clicking on Recording SID, you will be redirected to the recording logs page, from where you can download the particular recording and can review properties of that recording. Also you can delete that particular recording log.

1. Video Usage  
   All the charges levied by Video Room are visible in the usage page.
2. Monkey (<https://monkey.twilio.com/accounts/ACe58d0953fa35412e6f60f9325ce70e05/video/logs/rooms> )

Details available on Console Room logs page and monkey page are identical

**Difference Between Group Room and P2P room**

Maximum participants are 2 in P2P room, where in group room max 50 participants are allowed

In p2p room twilio does not handle any media transfer but provides signaling only so the feature such as composition is not available in the P2P room

In group rooms signaling and Media exchange happens on Twilio Cloud so Twilio is encrypting/decrypting all the data and user have access of composition and recording feature.