

# SIP call stream raw audio recording

## SIP as Stream calls audio recording

SIP call stream can be recorded in PCM format to WAV file. This feature can be enabled using the following parameter

```
record_audio_processor_pcm=true
```

A SIP call will be recorded if:

- transcoding is enabled on server

```
disable_streaming_proxy=true
```

- the call is [redirected to a stream](#)
- the call stream has at least one subscriber

## Any SIP calls recording

Since build [5.2.1921](#) any SIP calls audio recording function is restored. Audio is recording in PCM format to WAV container. This feature may be enabled with the following parameter

```
record=/usr/local/FlashphonerWebCallServer/records
```

SIP calls audio is recorded to the folder. Incoming and outgoing audio streams are recorded separately, and the files are mixed after stopping the call:

```
-rw-r--r-- 1 flashphoner flashphoner 176364 May 17 09:03 10006-1001-2024-05-17-09-03-08-93587a30-13f1-11ef-9124-f163a8723055-11-in.wav
-rw-r--r-- 1 flashphoner flashphoner 1073324 May 17 09:03 10006-1001-2024-05-17-09-03-08-93587a30-13f1-11ef-9124-f163a8723055-11-out.wav
-rw-r--r-- 1 flashphoner flashphoner 1073644 May 17 09:03 10006-1001-2024-05-17-09-03-08-93587a30-13f1-11ef-9124-f163a8723055-11.WAV
```

Where:

- the file with `-in` suffix - the incoming audio record
- the file with `-out` suffix - the outgoing audio record
- the file without suffixes - the mixed recording

The setting

```
preserve_non_mixed_recorded_files=true
```

keeps incoming and outgoing files, and the setting

```
preserve_non_mixed_recorded_files=false
```

removes them and keeps only the mixed file.