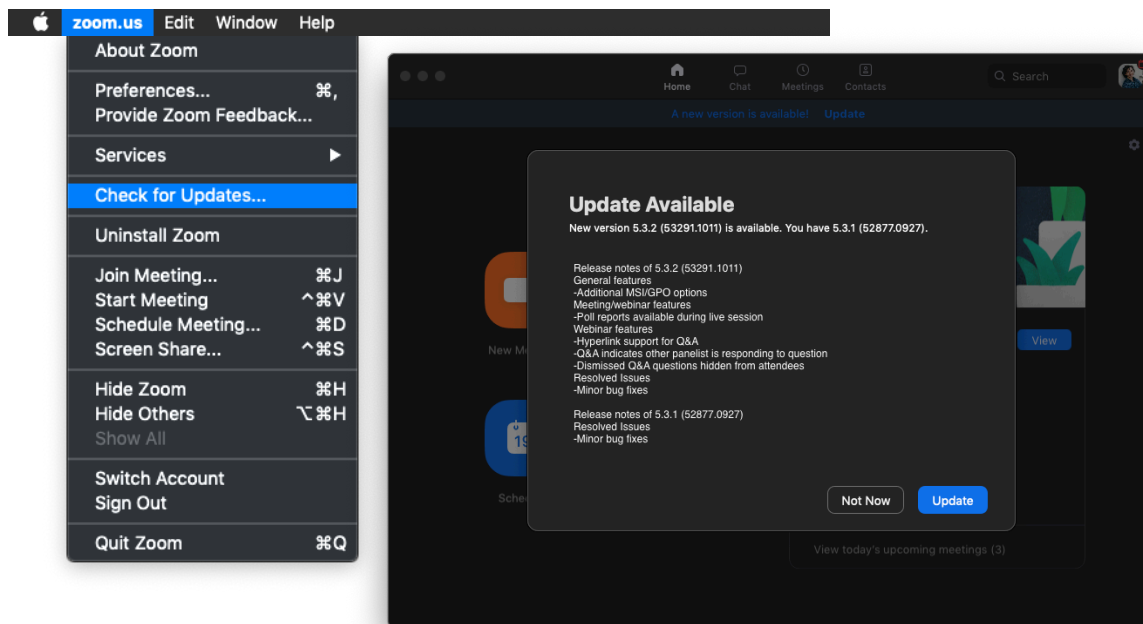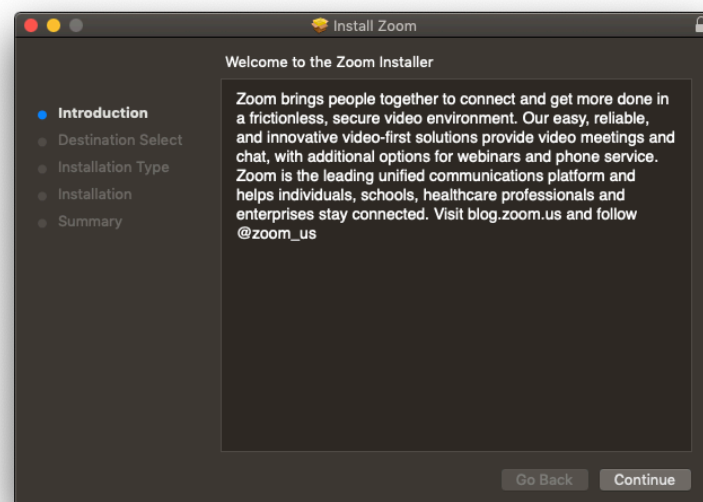## How to setup High Fidelity Stereo Audio over Zoom

With the 5.2.2 update, zoom has quietly introduced **High Fidelity Audio** mode that significantly benefitted us at-home musicians. While still not nearly as high quality and low latency of the JackTrip-enabled Quacktrip Suite, Zoom certainly still gets the job done for teaching classes that involves critical audio needs on an already-existing platform.

In order to take advantage of this new mode, **make sure you've already updated to the newest version**. To do this, open the zoom client and under the Application menu, click 'check for updates' (on windows I believe it is under the 'file' menu):
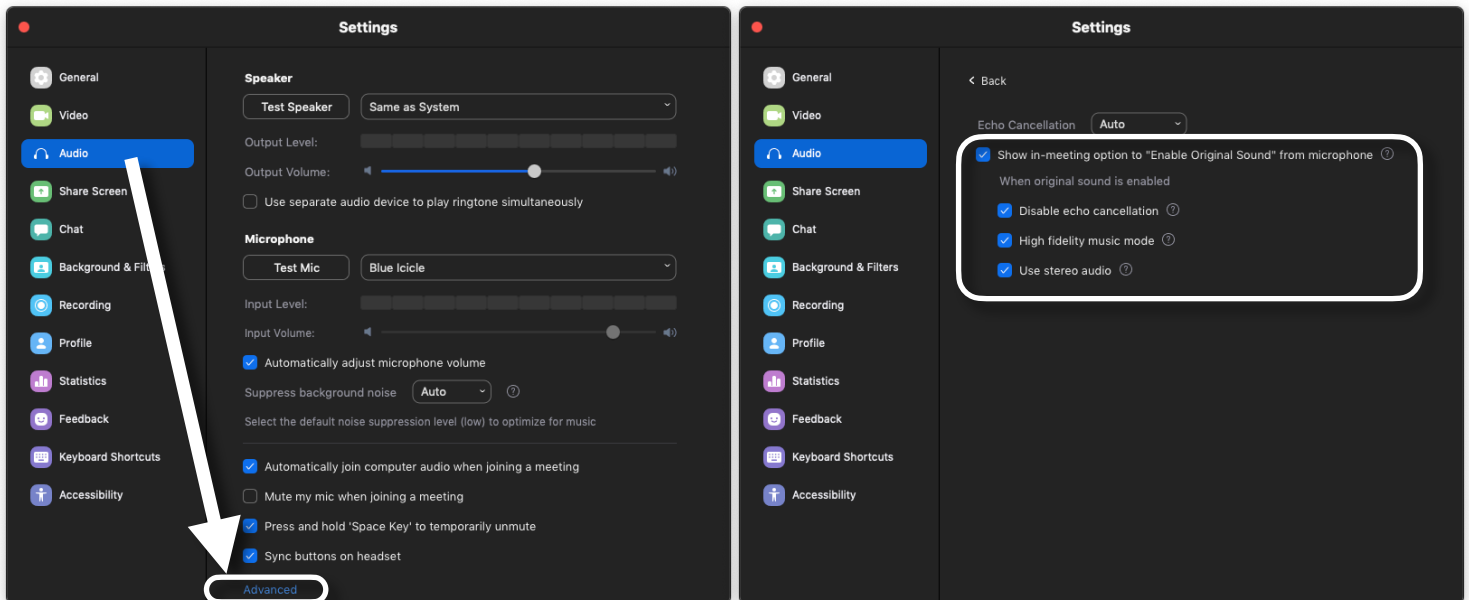

Click on update, and follow the directions to install the most recent version.
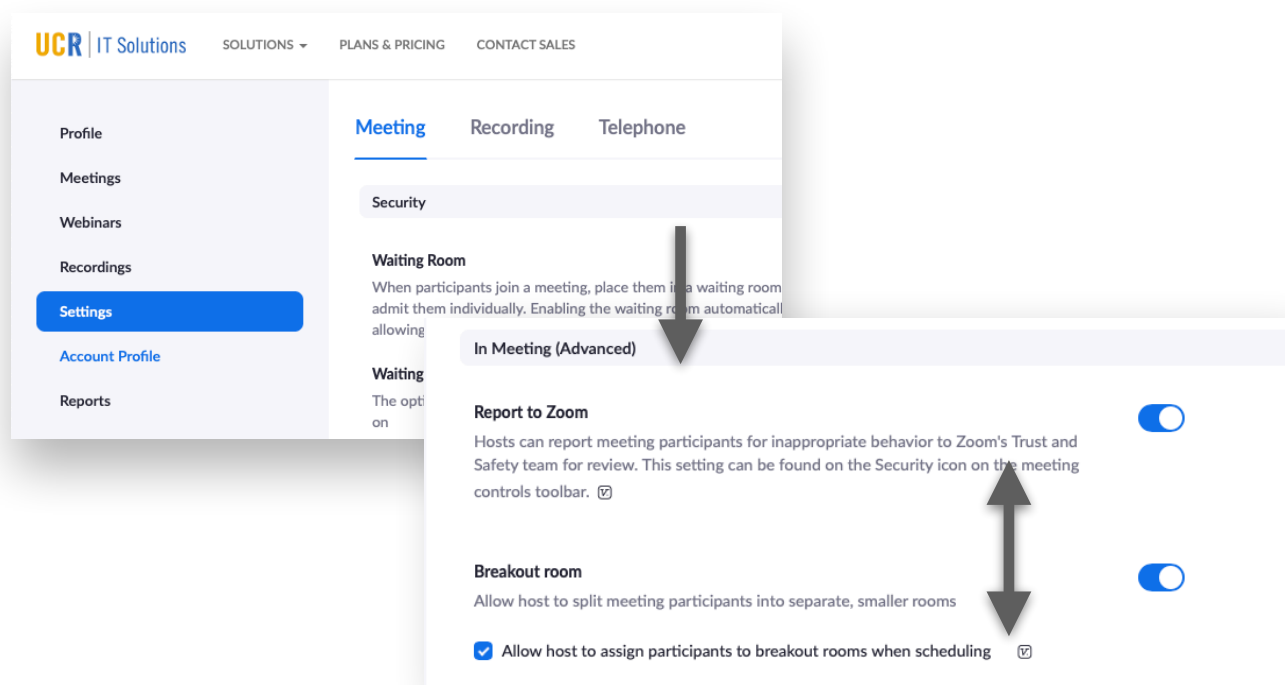
Once the application finishes updating, it's time for some setup. Go to your **Zoom Audio preferences**, and click on the **'Advanced'** hyperlink on the bottom of the window.
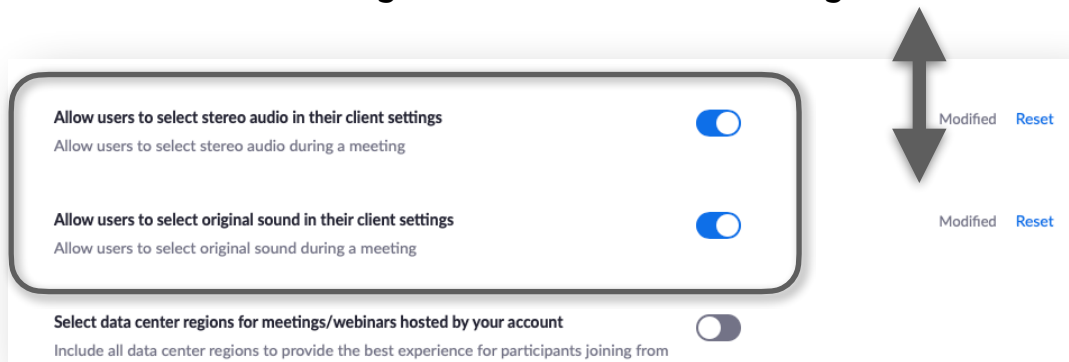
You should see an option called **'Echo Cancellation'** and below that, a series of checkboxes. **Check ALL of them.**

IF you don't see these options, you need to go to your zoom account and enable them by going to the **'Settings'** tab on the left, and scrolling all the way down until you get to the '**In Meeting (Advanced)'** options.

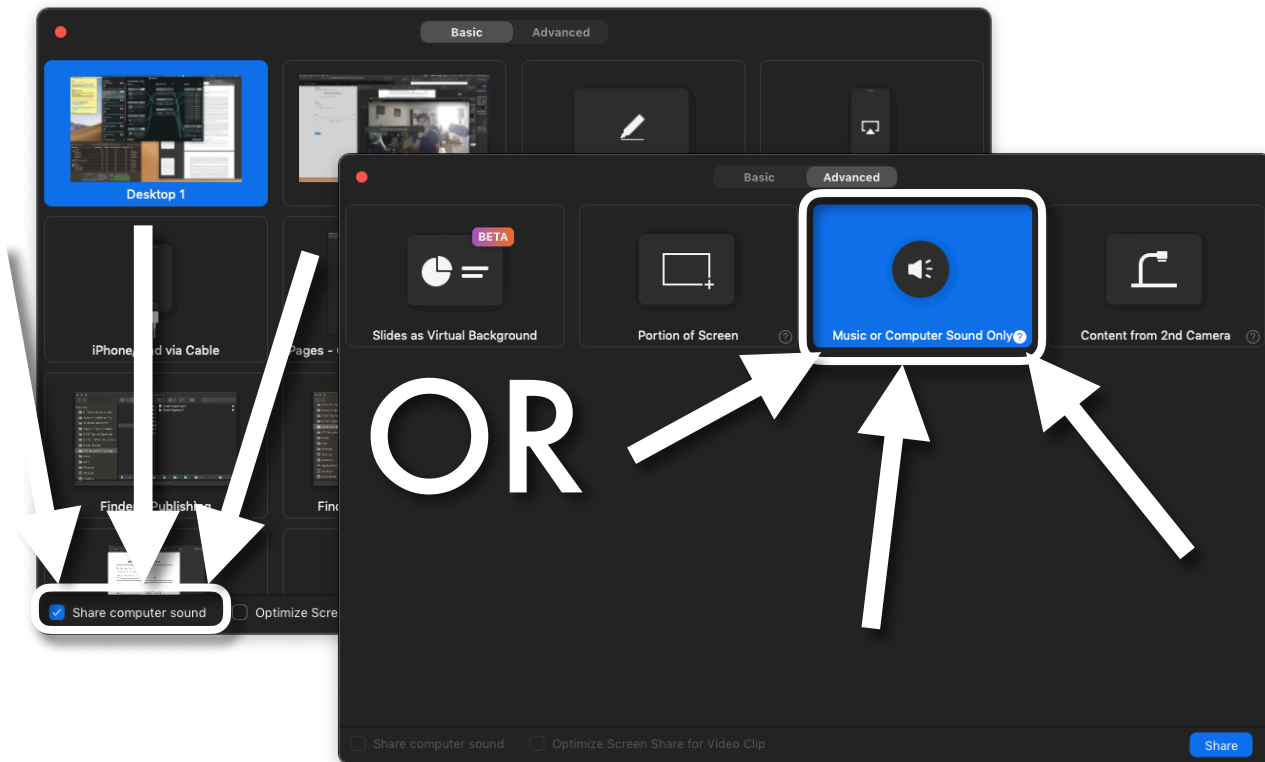More tools/tips: edgeoriginal.com   Trouble? ecast051@ucr.edu

Keep scrolling down, and you should then be able to see the options to **Allow users to select both stereo audio, and original sound in their client settings**.

Now that you have enabled these options, head back to your zoom client, and open a new meeting (or join an existing meeting). As long as you are not sharing your screen, you should be able to see a new button on the top left of the screen that says **'Turn on original sound'**. Click it, and your mic will send higher quality unprocessed sound (still data-compressed), and **when** you share computer sound, it will also be higher quality, and **stereo**.

More tools/tips: edgeoriginal.com   Trouble? ecast051@ucr.edu

To be clear, in order to send stereo sound from your computer, you must **FIRST** click the **'share computer sound'** box when sharing your screen from the 'Basic' tab, or choose to share **'Music or Computer Sound'** from the 'Advanced' tab:

THEN, and only then, is the **'ZoomAudioDevice'** available as an active soundcard on your computer (albeit virtual). Think of it as finally connecting the audio interface to the computer. It doesn't exist until you do the first step. Now you can connect stuff to it and enjoy in stereo!

Remember that you monitor through Zoom now, so **whatever Zoom has as your output, will be where you hear the audio** you're playing, as well as everyone else on the call. Don't forget to switch back when you're done!

More tools/tips: edgeoriginal.com   Trouble? ecast051@ucr.edu