title: Configuring STT and TTS weight: 30

The audio gateway uses external services to convert speech to text and text to speech. You set the services to use on an audio client basis.

Speech-to-text

In the sample audio client, the speech to text `engine` parameter defaults to `watson`. (As the parameter is commented out, it takes its default value.) Valid values are `google` or `watson`.

When `watson` is chosen, the audio gateway sets the audio format to `audio/ogg;codecs=vorbis` and sets the sampling rate to `16000` hertz. When `google` is chosen, the audio gateway sets the audio format to `audio/l16` and sets the sampling rate to `16000` hertz.

You can set the speech-to-text `engine` parameter when you configure your audio client. You can override the speech-to-text engine to use for a specific transaction using an `stt_options` message or an `audio_start` message.

For more information about setting the `engine` parameter in the audio client, see Audio Client Sample Code GIT repository readme file.

For more information about the `stt_options` and the `audio_start` messages, see the audio streaming interface topic.

Text-to-speech

The audio client uses the Watson text-to-speech service. The text-to-speech service to use is not configurable. The `voice` parameter is set to `en-US-LisaVoice`.

The audio gateway sets the audio format to `audio/ogg;codecs=vorbis` and sets the sampling rate to `16000` hertz.

> **What to do next?**
> Learn about monitoring audio progress indicators from the console.