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Real-Time Transcription and Sentiment Analysis of Audio Streams

By Dave Nugent & Aaron Bassett



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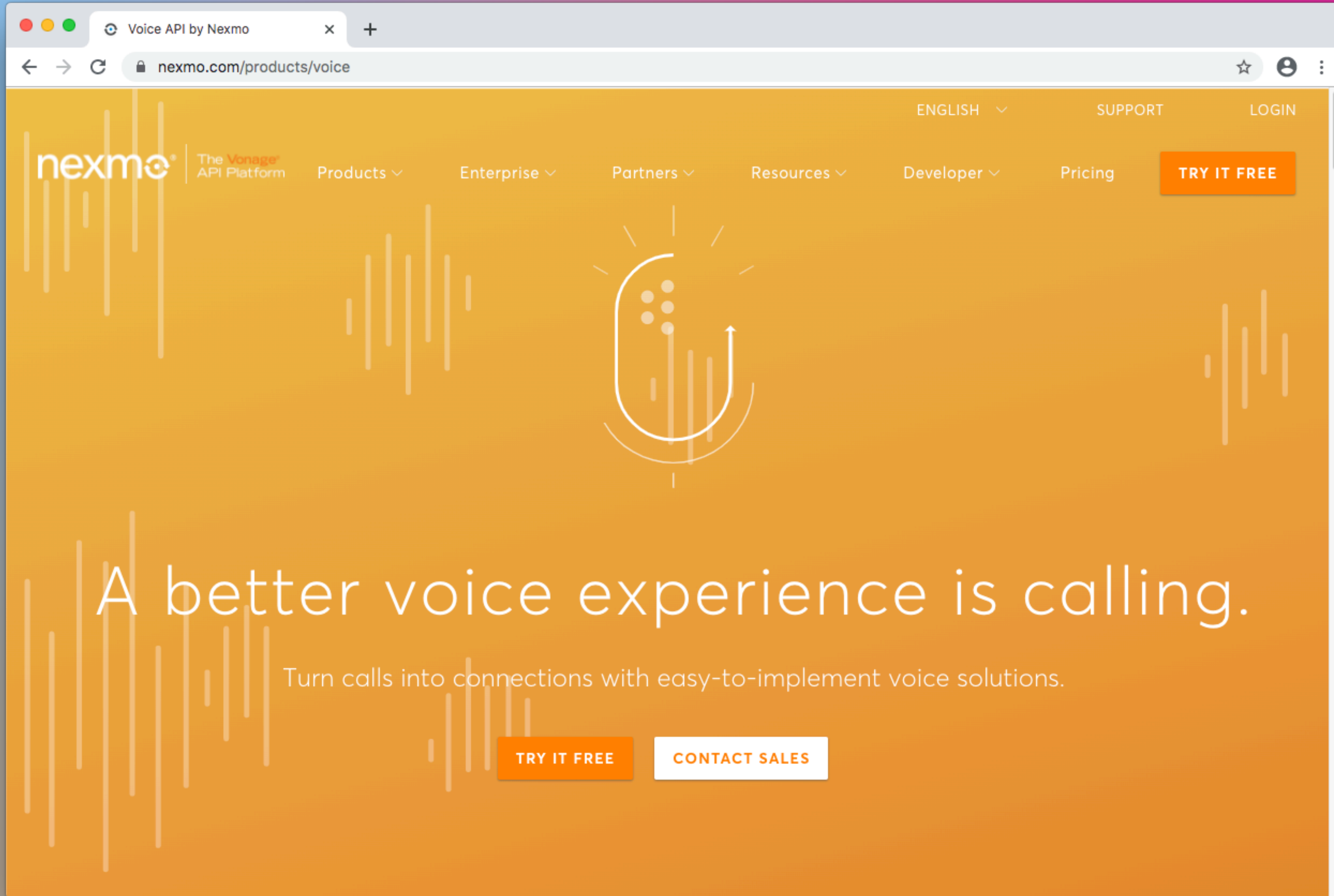
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Get the Source



- noti.st/aaronbassett
- git.io/Jeudk

What are we
going to build?



Watson Speech to Text - Overview

ibm.com/cloud/watson-speech-to-text

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Watson Speech to Text | Features | Pricing | Resources | Get started free

Watson Speech to Text

Transform voice into written text with powerful machine learning technology.

Get started free | Already a user? Log in

What is Watson Speech to Text?

Watson Speech to Text is a cloud-native solution that uses deep-learning AI algorithms to apply knowledge about grammar, language structure, and audio/voice signal composition to create customizable speech recognition for optimal text transcription.

Overview	<h3>Powerful real-time speech recognition</h3> <p>Transcribe your audio in real-time or via uploaded batch files using any of</p>	<h3>Value-add transcription features</h3> <p>Format and organize your transcripts as you need by using features such</p>	<h3>Data control</h3> <p>Maintain control and ownership of your data with the as. Let's talk your data is safe and secure. IBM will</p>
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Watson Tone Analyzer

ibm.com/watson/services/tone-analyzer/

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Tone Analyzer

Understand emotions and communication style in text.

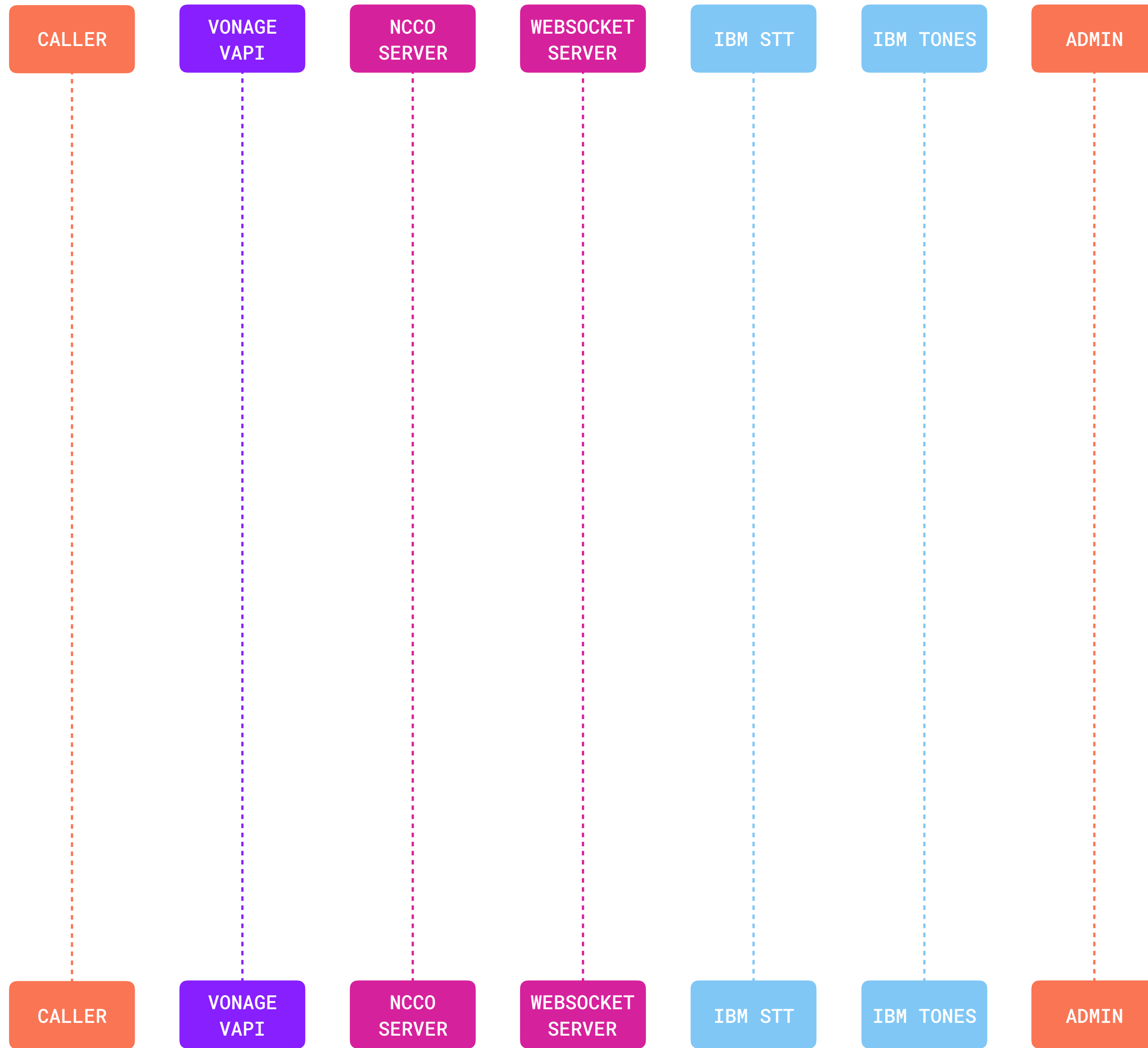
[Get started free](#) [View demo](#)

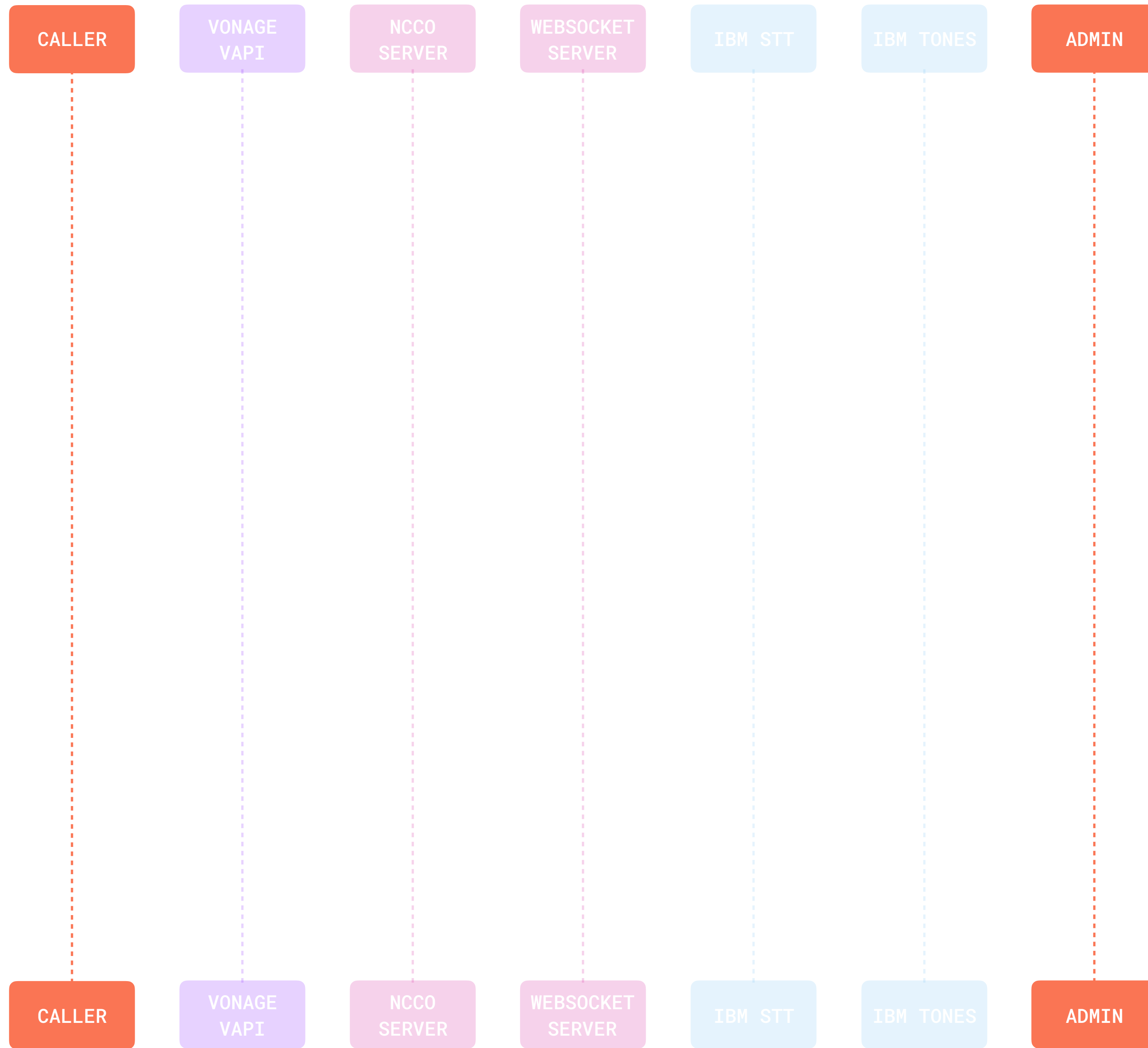
Already using Tone Analyzer? [Log in](#)

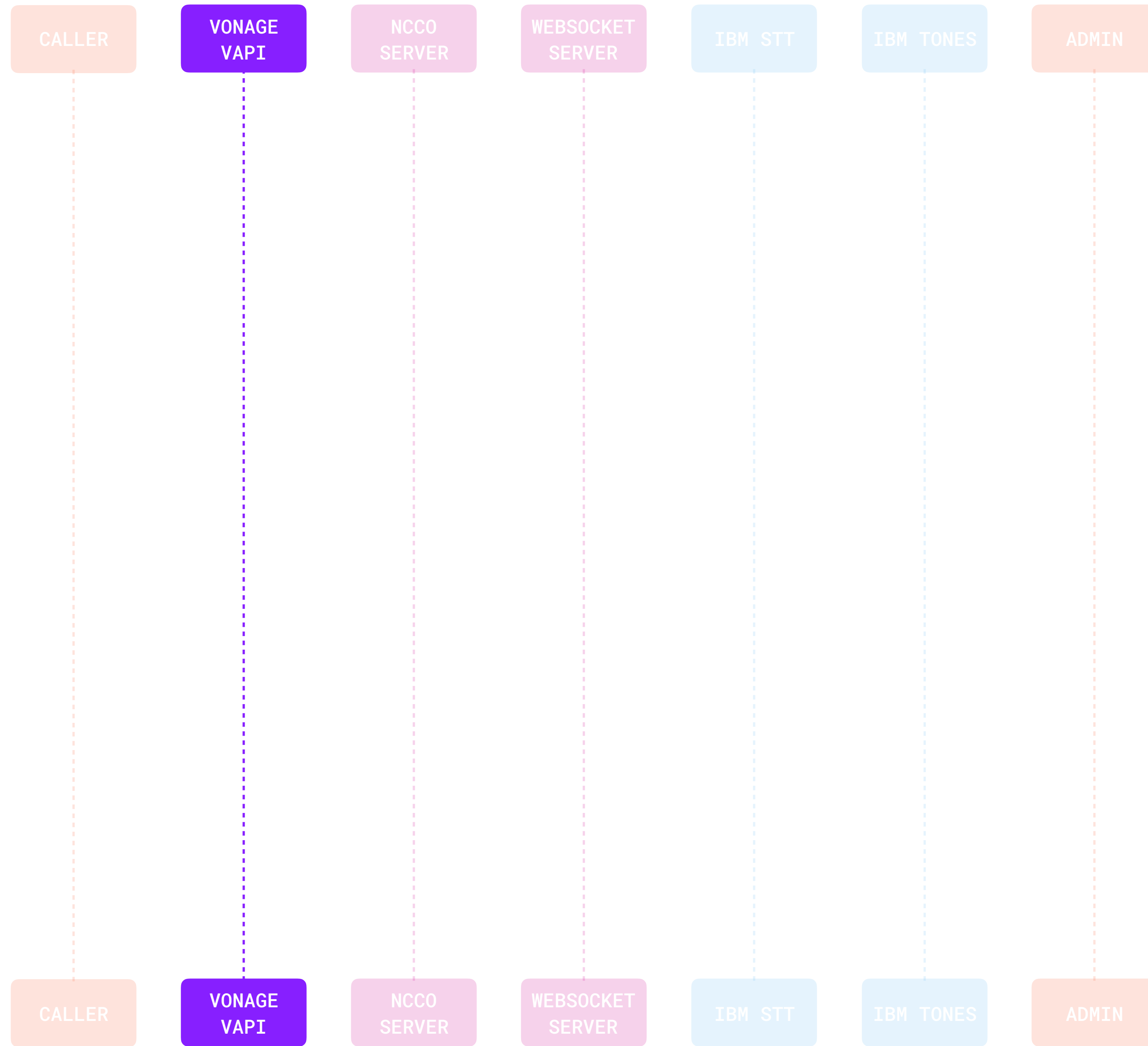


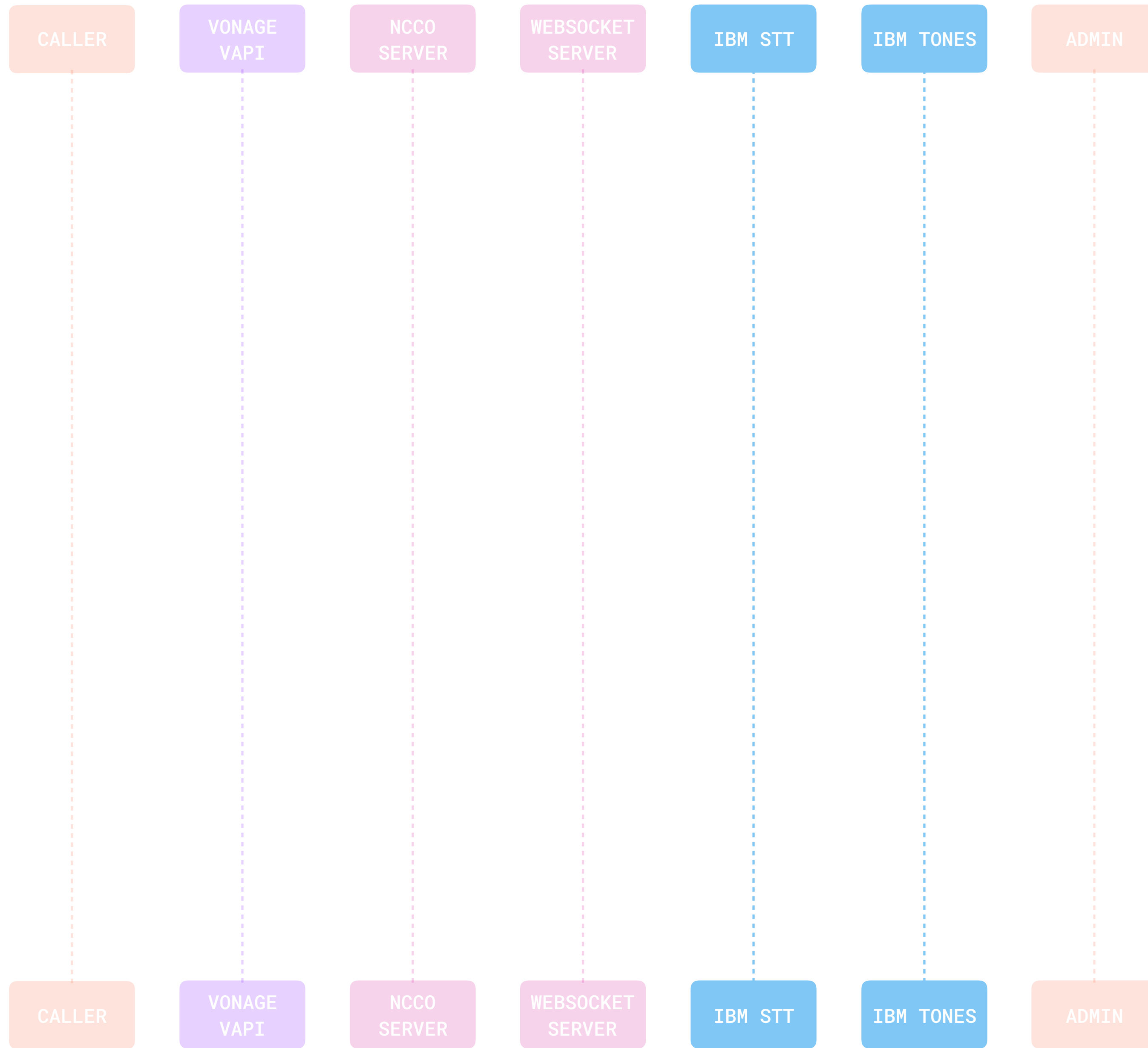
Features [Let's talk](#)

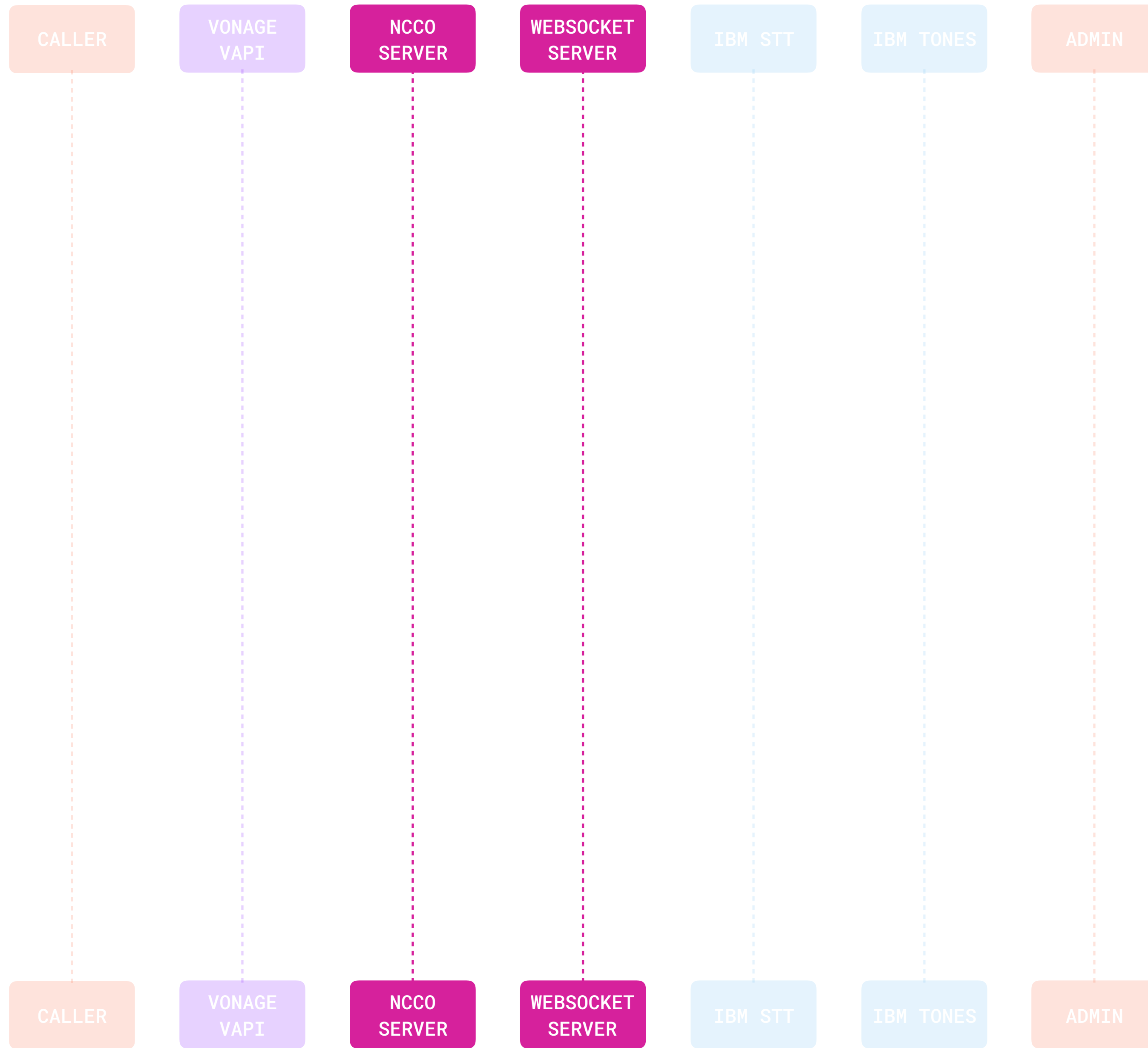
Think 2019 Let's think together →

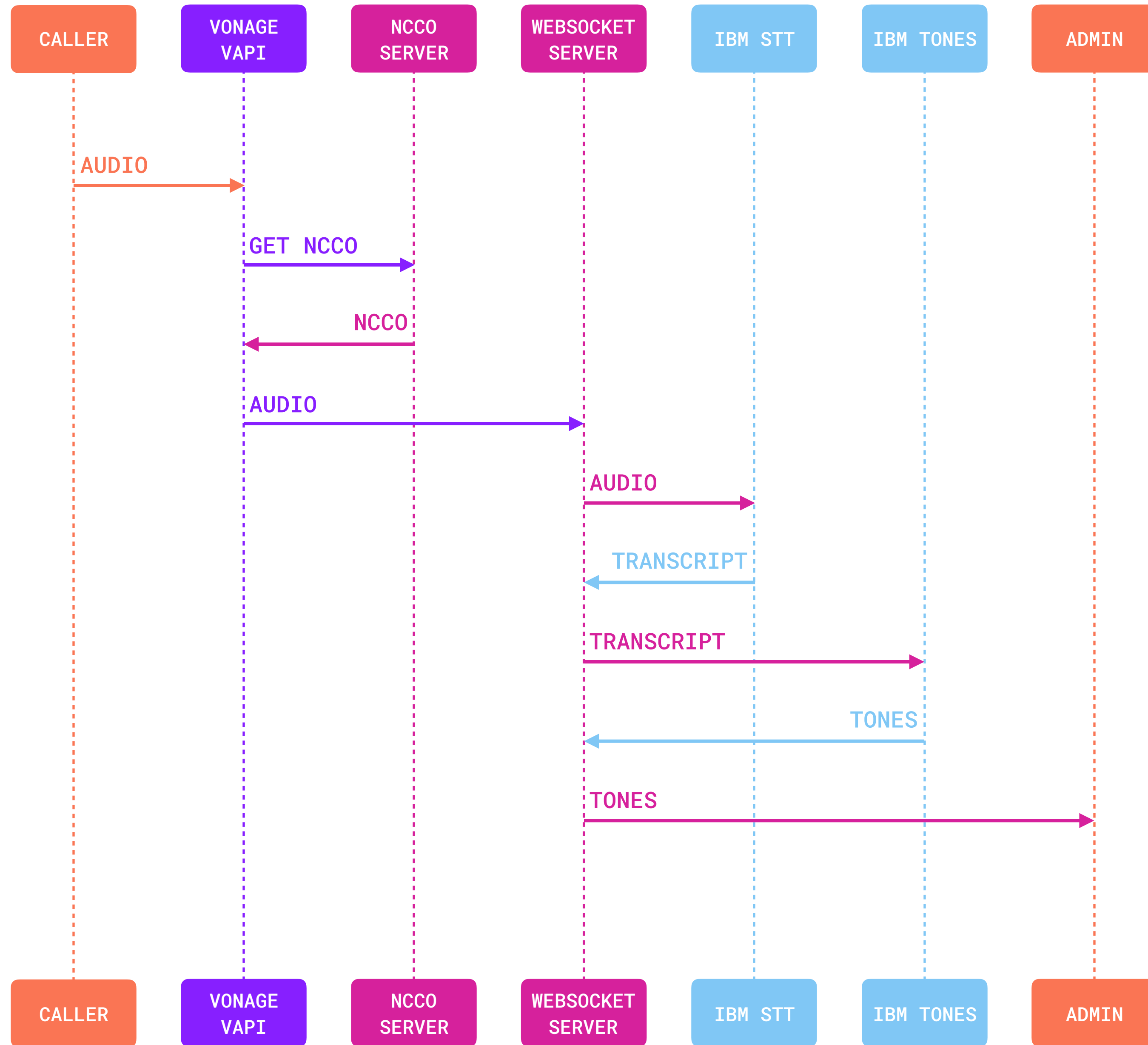












Prerequisites

WebSockets

EVENT

Socket.onopen

This event occurs when socket connection is established

EVENT

Socket.onmessage

This event occurs when client receives data from server

EVENT

Socket.onerror

This event occurs when there is any error in communication

METHOD

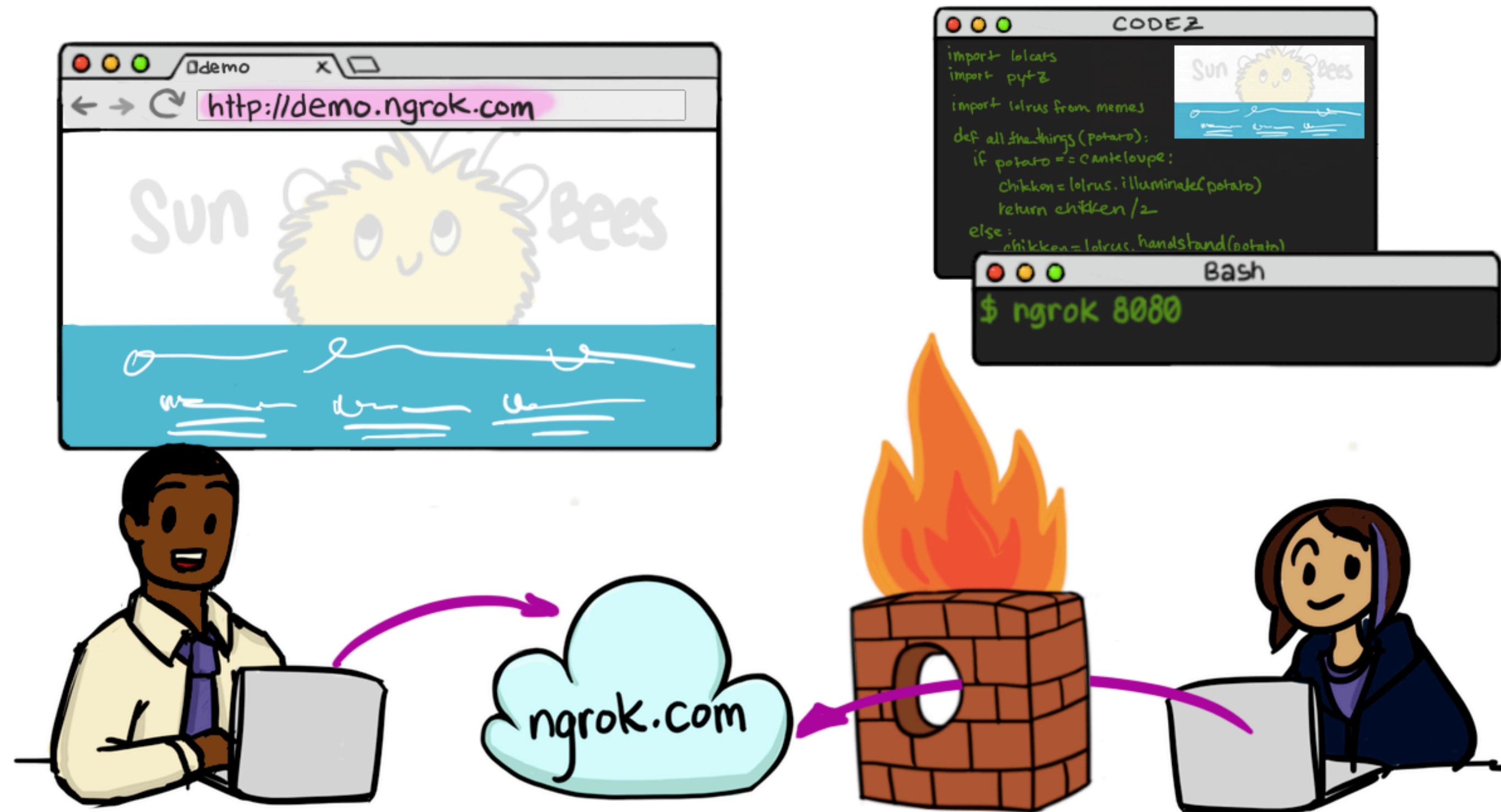
Socket.send

The send data method transmits data using the connection

Socket.close

The close method would be used to terminate any existing connection

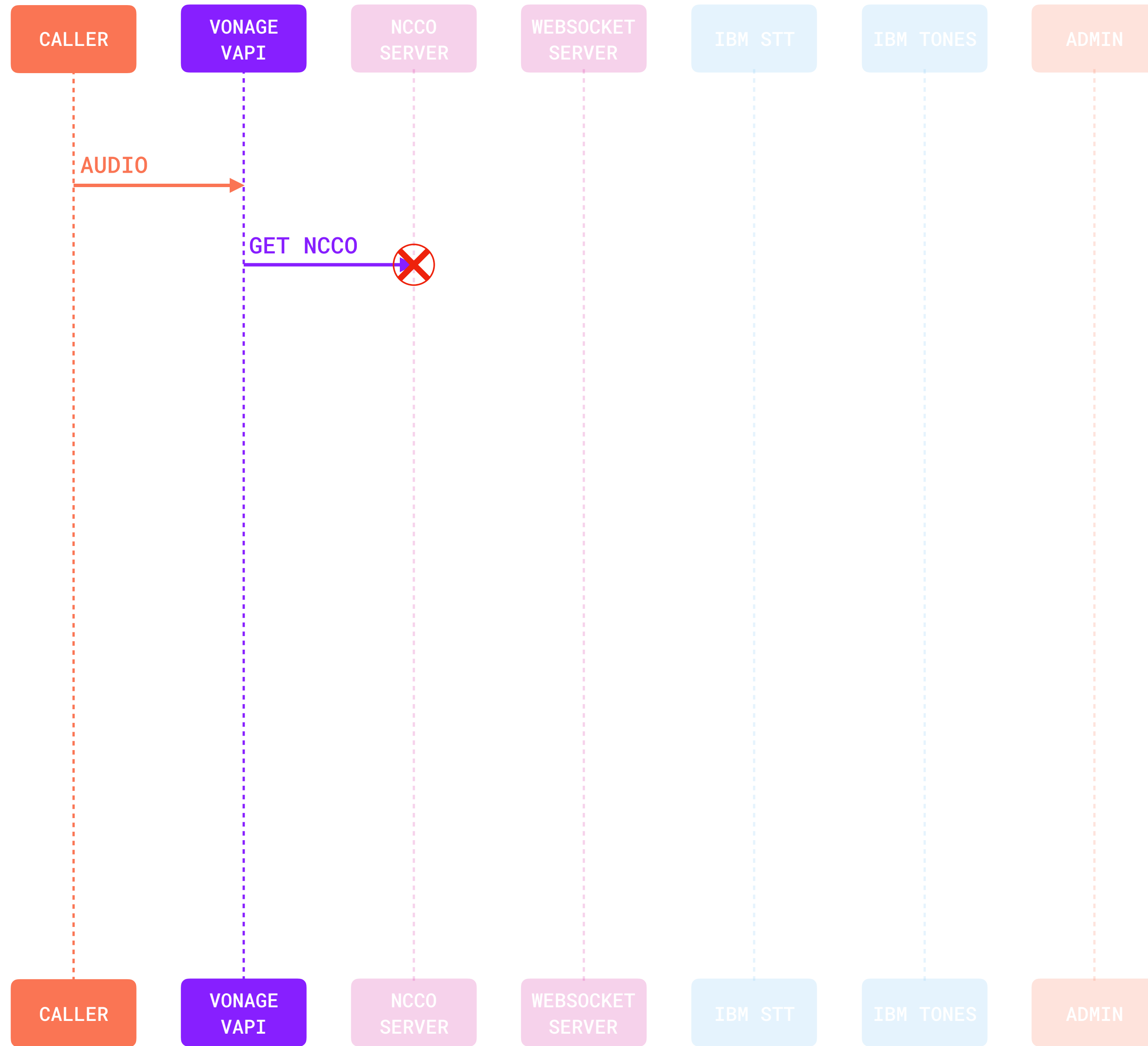
ngrok



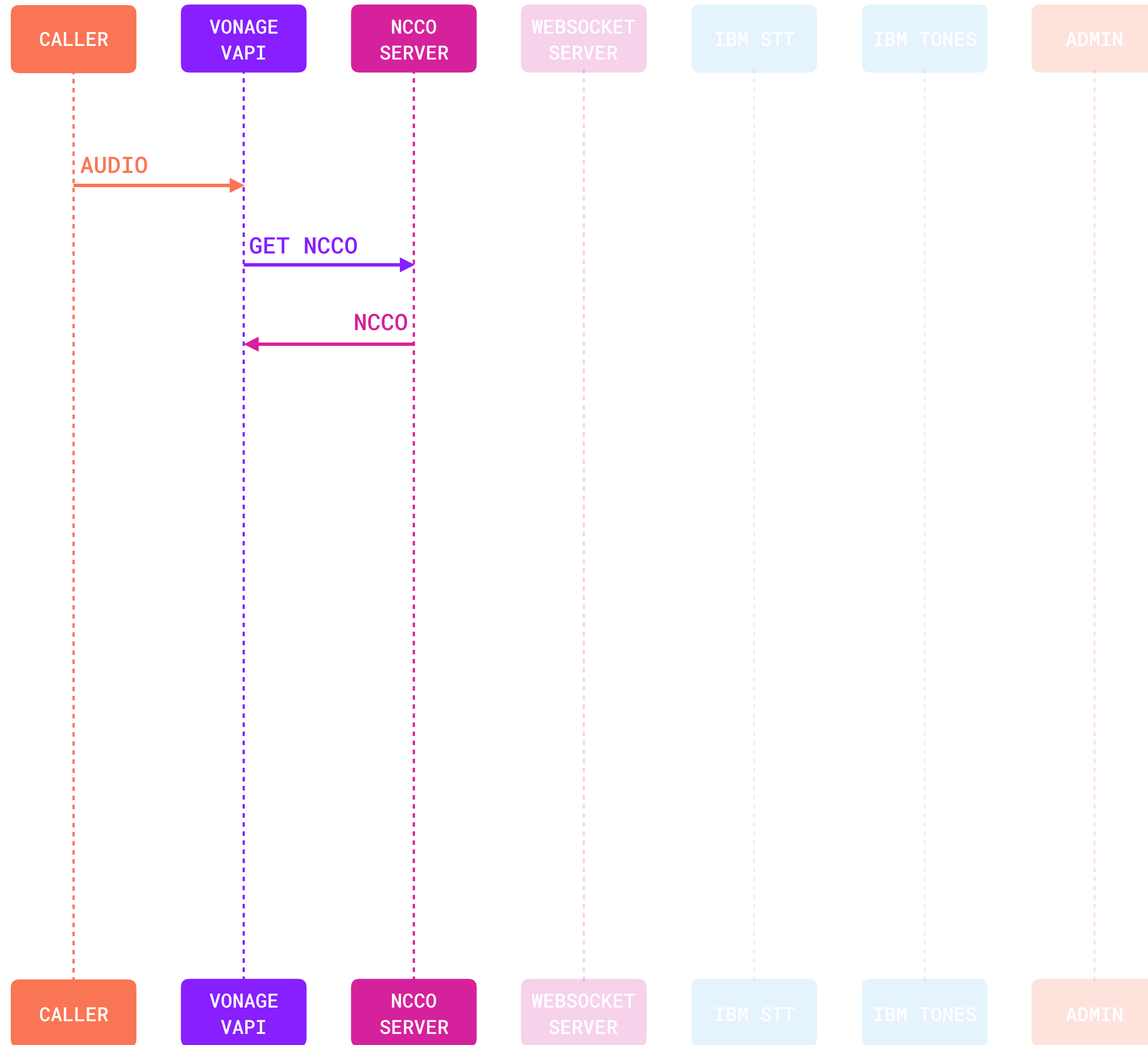
Getting Started

Configuring our application

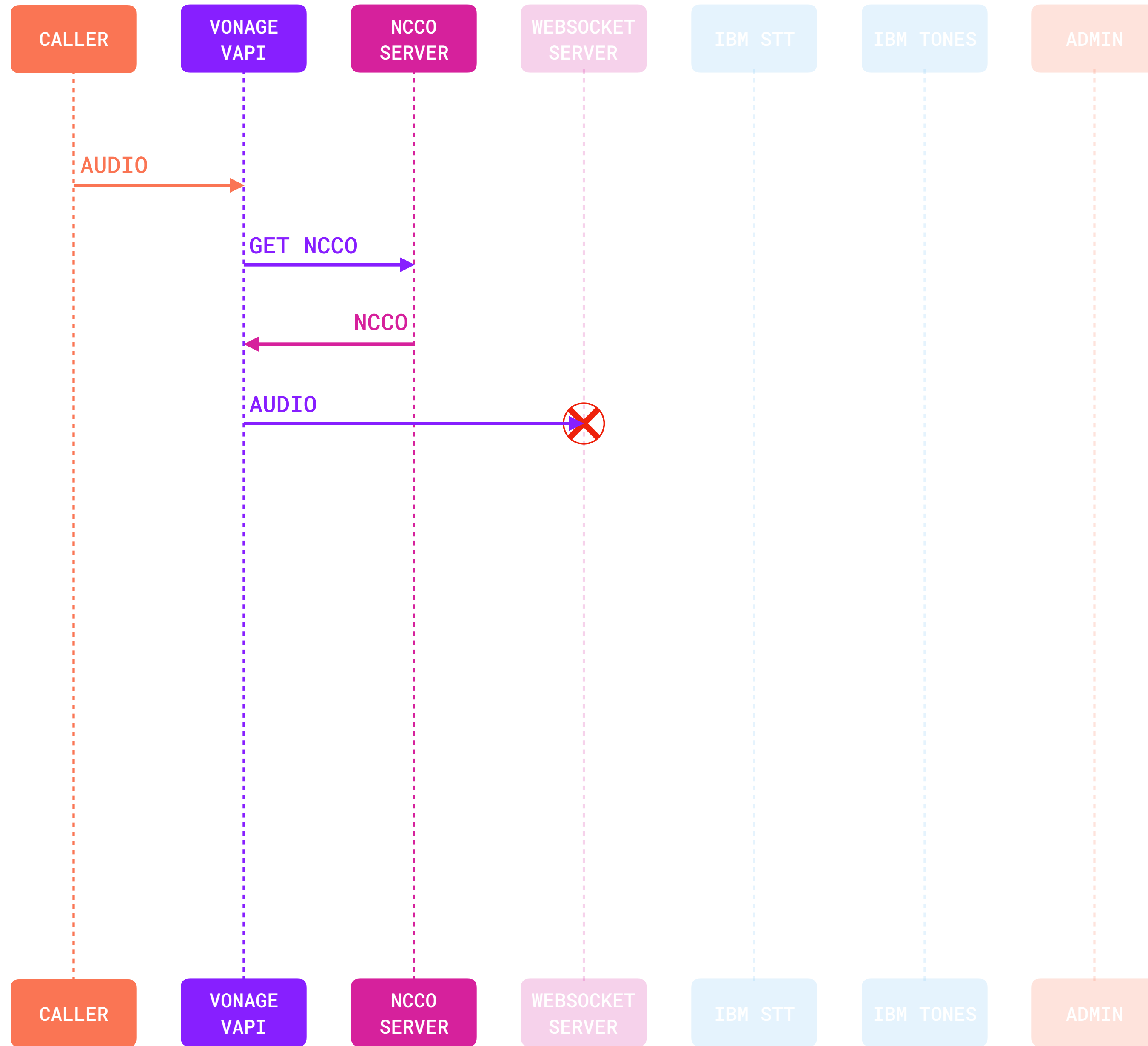




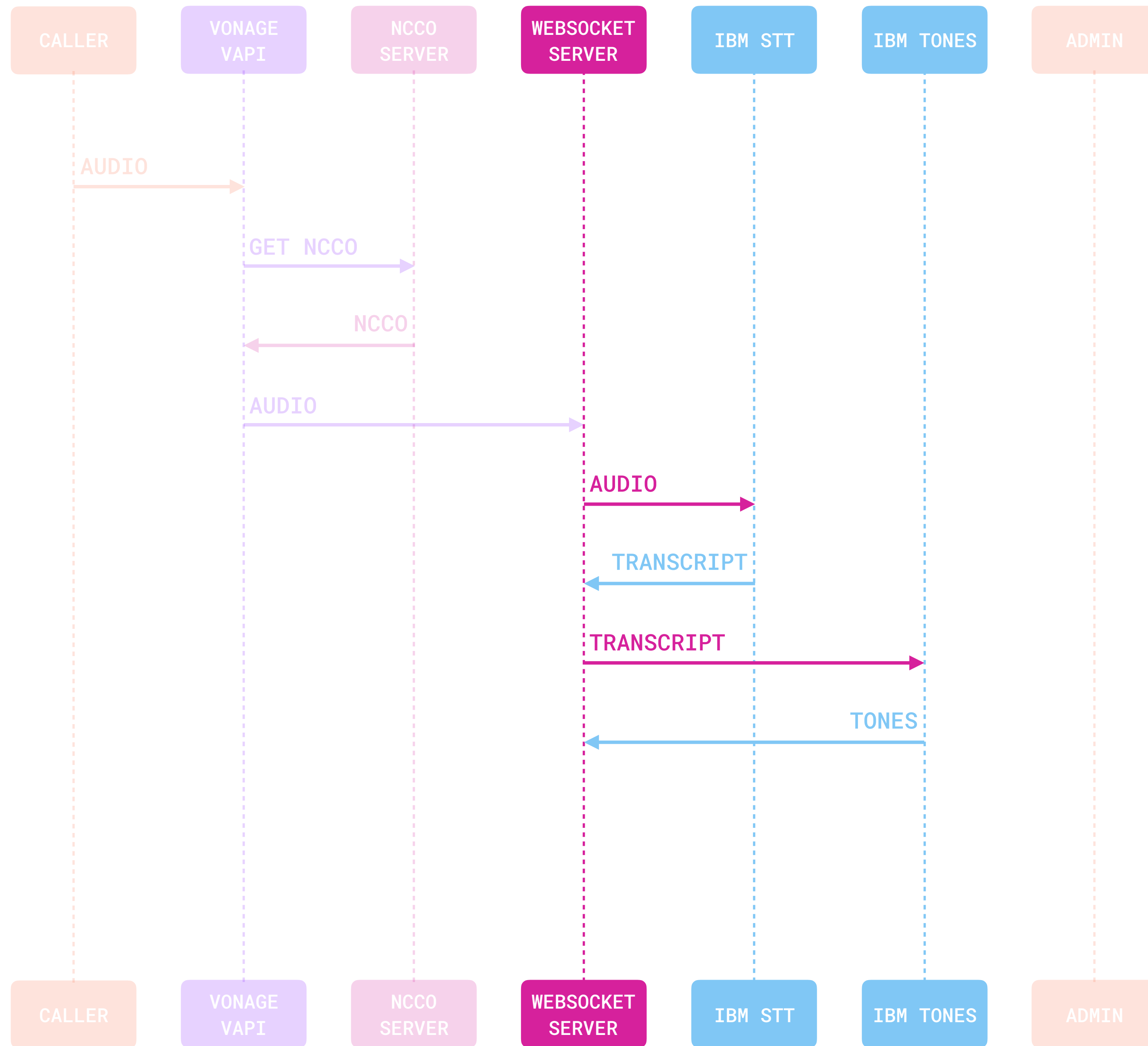
Code time!



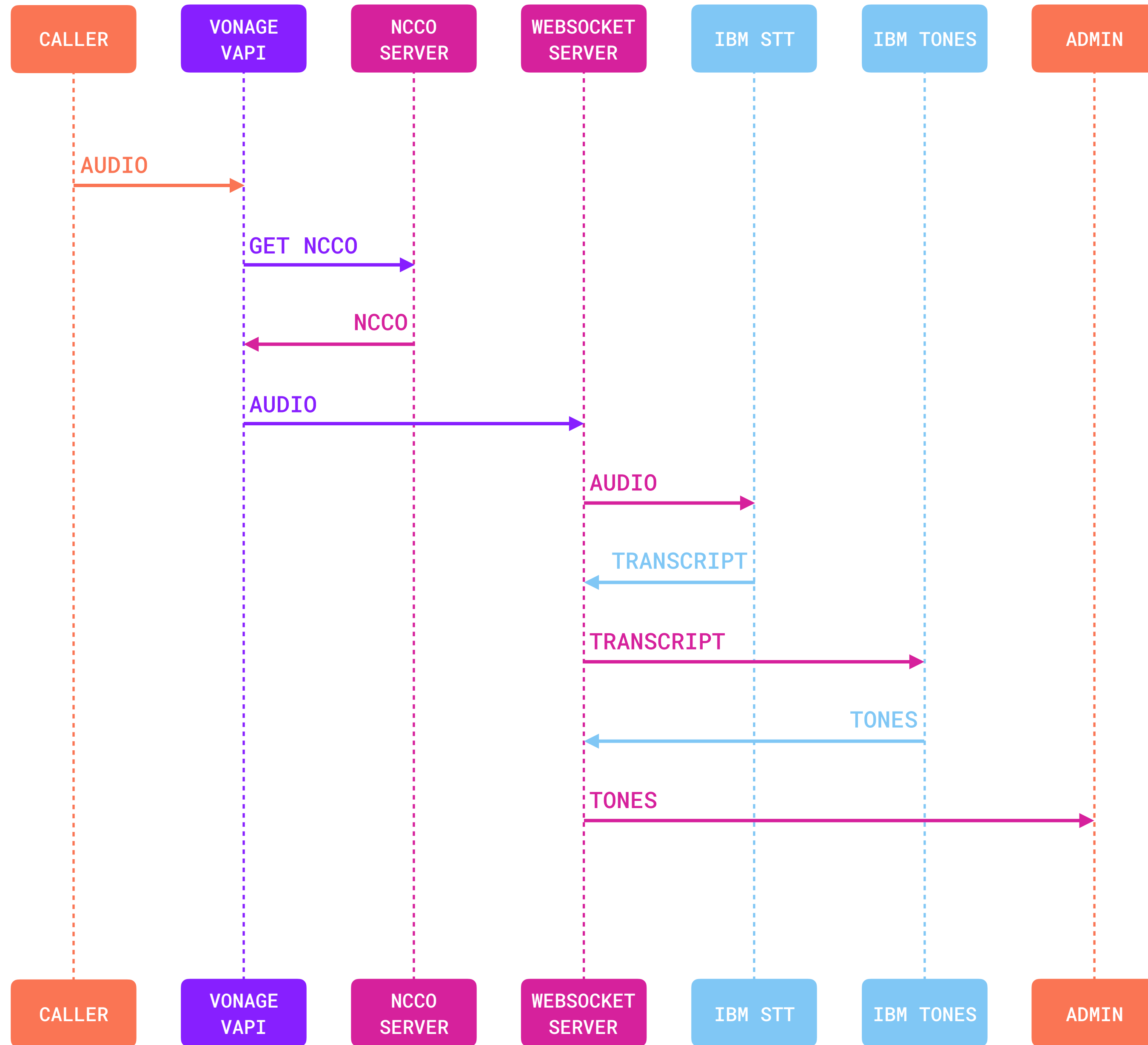
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[viw.ngrok.io/
dashboard](https://viw.ngrok.io/dashboard)

Links

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Questions?