Q1.

Q2.

Alice’s Device: Transform Analog data (Alice’s voice) to digital data

Proxy Server: Look for resources from other servers

Gateway: Allows data to flow from one discrete network to another and translate the data if necessary. In this case, it translates digital data to analog data for PSTN network

PSTN: Transmit analog data through telephone wire

Bob’s Device: Receive the analog data

Q3:

Human sound – Microphone (Use higher quality microphone to collect higher range of the sound) – Analog Translator??(Use higher bitrate to create digital signal that is closer to the original) – Digital Processor (Less extra process to avoid error creations??) – Digital Translator?? – Sound received

??是我不确定是不是这么叫或者这个对不对