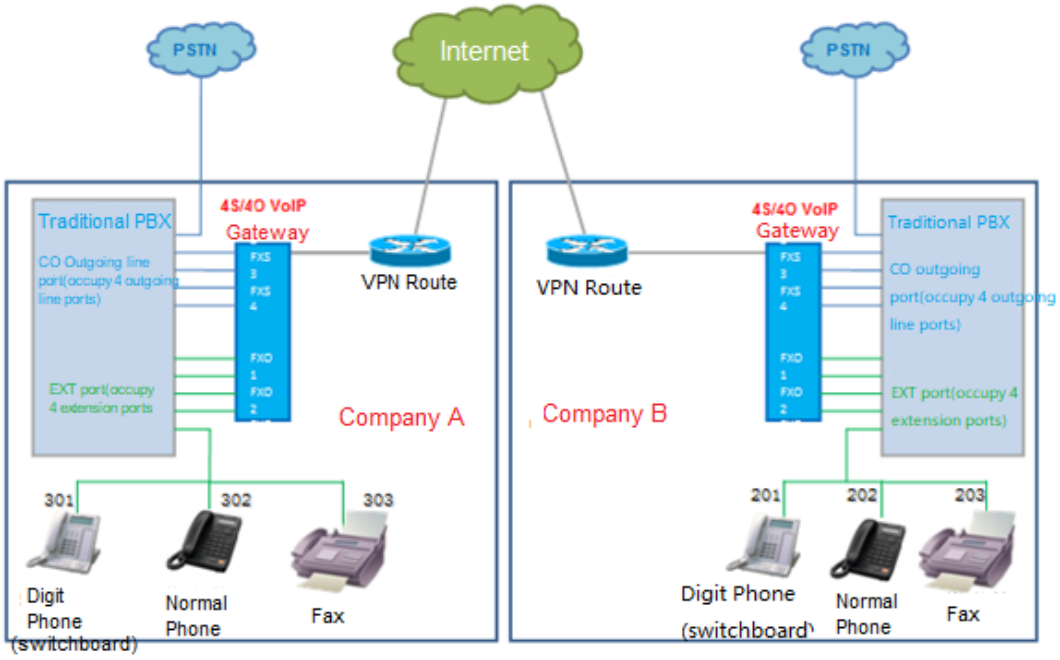
“User’s Demand”

Traditional PBXs are in use by the user,and they needto be able to make free calls between traditional PBX extensions in the headquarter and branches.

“Solution”

Connect two RGW Gateways viaVPN,and RGW connects to the trunk port of traditional PBX viathe FXS port& the extension board of traditional PBX viathe FXO port, allowing free calling between the headquarter and branches.

“Topology”



“Configurationof Gateway”

Based on the picture above, we make the following assumption：

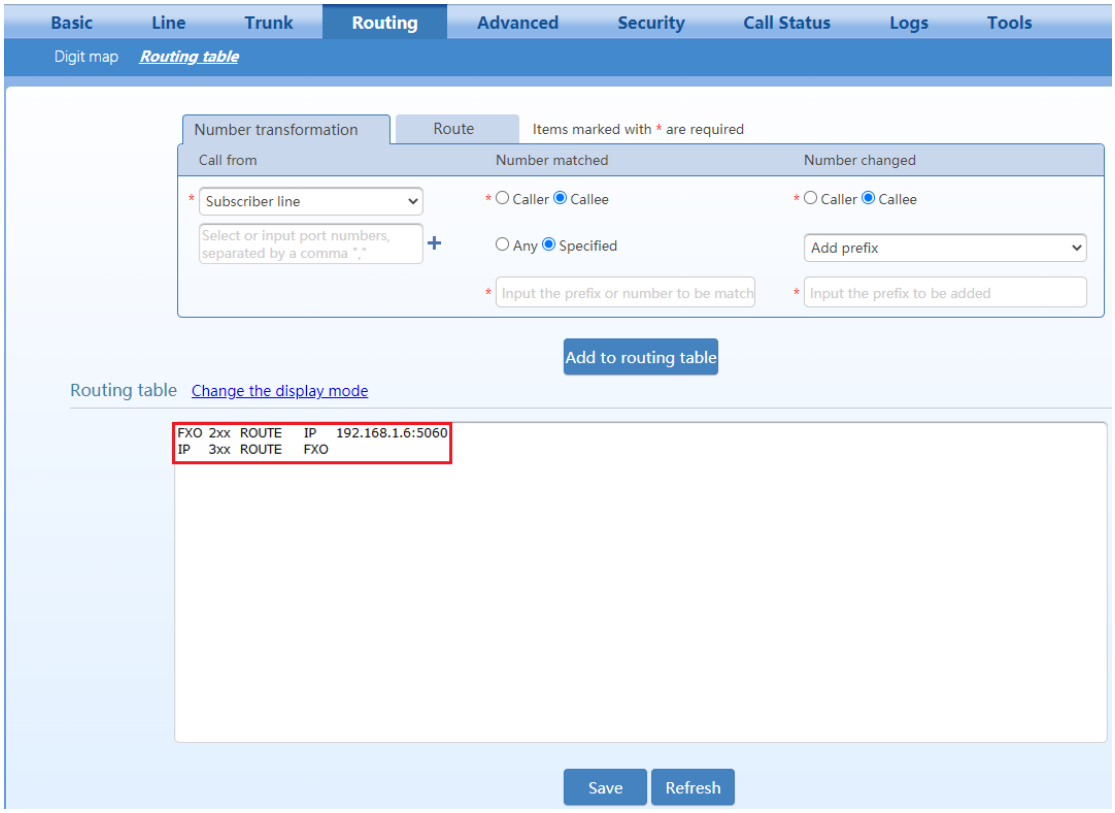
---The extension number section of PBX-A is 3xx, the extension number section of PBX-B is 2xx
---The IP address of RGW-A is 192.168.1.5, the IP address of RGW-B is 192.168.1.6

Step 1：Configure the routing tables on both RGW Gateways

On**Routing>Routing Table**page, setup the routing rules and save it, as shown below:

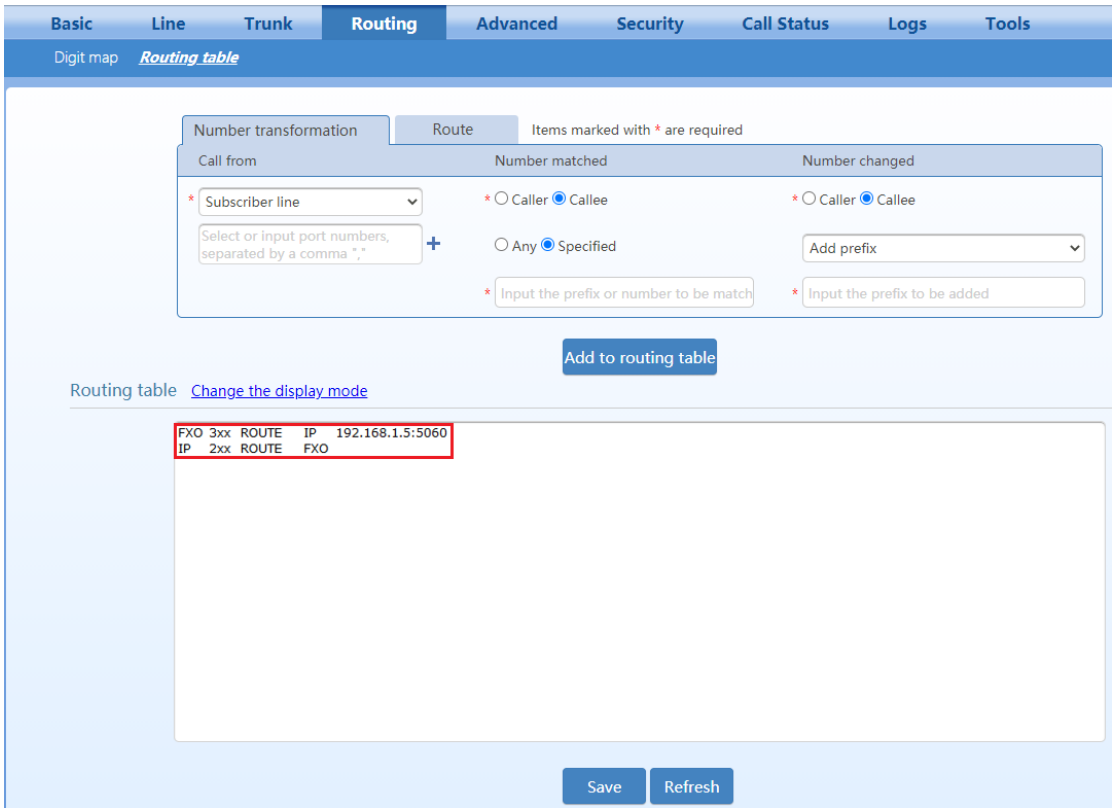
In RGW-A, add the routing rules as follows：

FXO 2xx ROUTE IP 192.168.1.6:5060
IP 3xx ROUTE FXO



In RGW-B, add the routing rules as follows：

FXO 3xx ROUTE IP 192.168.1.5:5060
IP 2xx ROUTE FXO



Step 2：Configure the Digit Map on both RGW Gateways. On **Routing>Digit map** page, input the following digits and save it, as shown below:

[3,2]xx

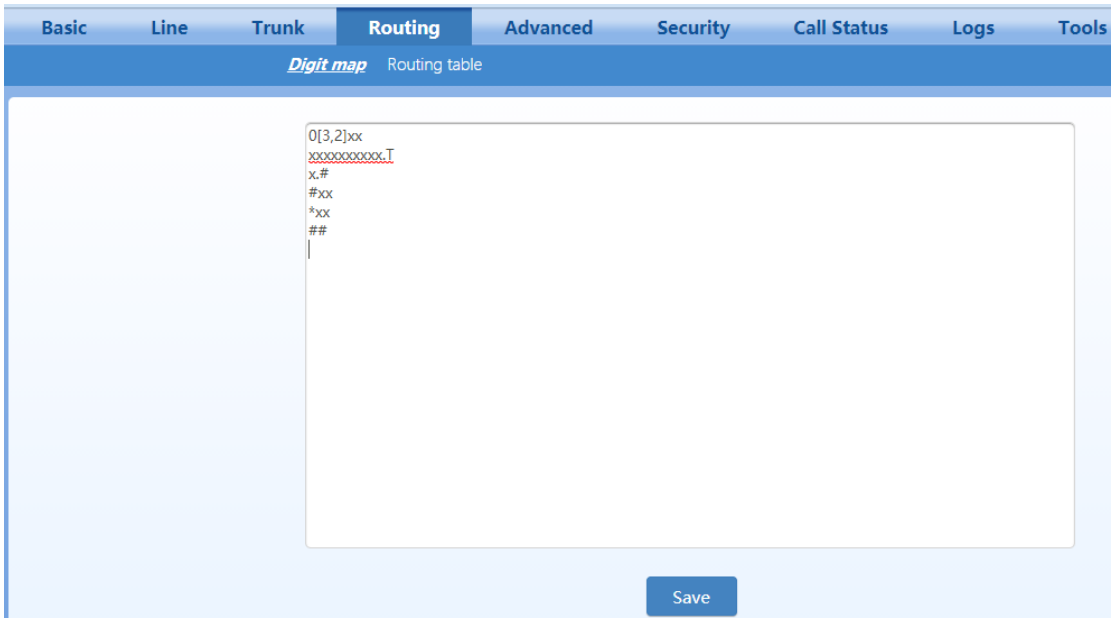
xxxxxxxxxx.T

x.#

#xx

*xx

##



“Dialing Rules”

From PBX-A to PBX-B, call extension 2xx.

--- Dial prefix on the extension of PBX-A to connect with the FXO port of RGW-A, then dial the extension number 2xx of PBX-B.

--- According to routing, RGW-A will send the call from the FXO port to RGW-B, and RGW-B will send the call to PBX-B and connect the called extension from the FXO port afterreceiving the call.

--- Calling PBX-A from PBX-B follows the same procedure.