

This document applies to OpenVox GSM Gateway WGW1002, VS-GW1202-4/8G and VS-GW1600 series.

There are two RJ45 Network ports, ETH1 and ETH2. If you choose ETH1, you can access Board 1 only, and access other boards with the same IP address, different port numbers. This will help to avoid IP conflict. If you choose ETH2, you can access different Boards with different IP addresses. But there is only one RJ45 Network port on WGW1002.

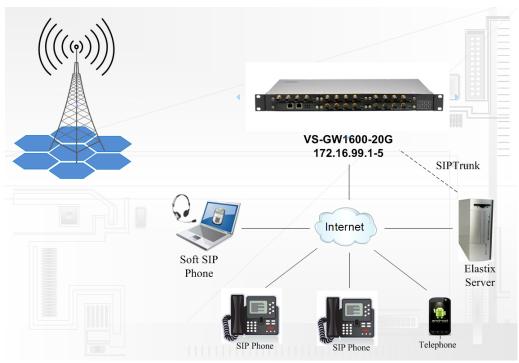
VoxStack provides 2 working modes: Stand-alone and Cluster.

⇒ Stand-alone: A single IP address manages one GSM modules (4 ports).

Stack Num	IP	Username	Password
1	172.16.99.1	admin	admin
2	172.16.99.2	admin	admin
3	172.16.99.3	admin	admin
4	172.16.99.4	admin	admin
5	172.16.99.5	admin	admin

⇒ Cluster: A single IP address manages up to 5 GSM modules (up to 20 ports).

Default IP: 172.16.99.1 User Name: admin Password: admin



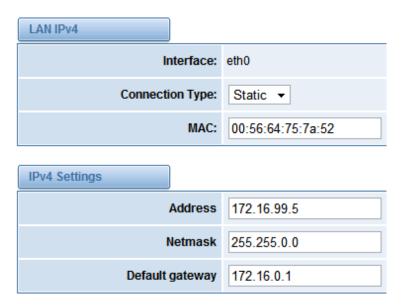
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Step 1. Set Network Parameters in Web

If your system topology like the figure described, please enter the gateway default IP address In your browser to login web, and click "NETWORK—>LAN Settings" to set network parameters such as IP.

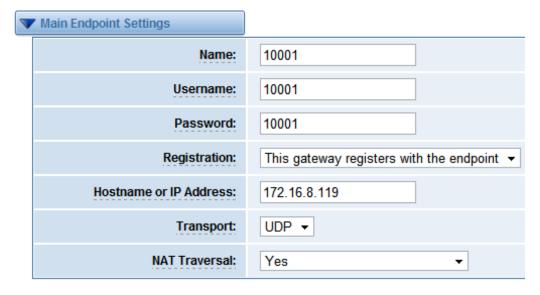


Save your changes. Please type in your DNS server in "DNS Server Address".



Step 2. Create a SIP Endpoint in Web

Please select "SIP—>SIP Endpoints—>Add New SIP Endpoint" to set SIP trunk. The following figure shows detail information about how to set it.



About other parameters in SIP, please set by your requirements for there is no need to set them in simple calls.

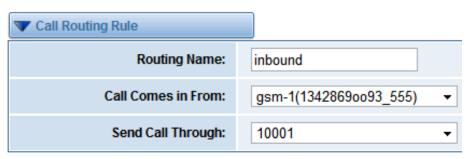
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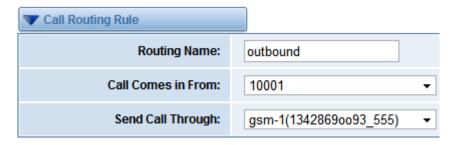


Step 3. Set Routing Rules in Web

Click "ROUTING—> Call Routing Rules—> New Call Routing Rule" to set outbound and inbound routing rules like the following:



Save the inbound call routing rules, please set the outbound rules as introduced. In order to make all calls successfully, please enable and set failover function in advanced routing rule like that:

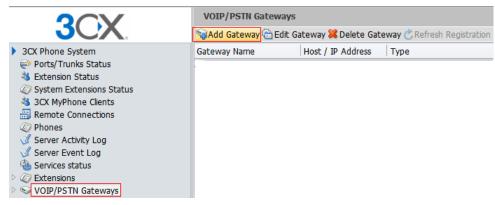


Please save all your changes to make effect.



Step4. Create a SIP Trunk in 3CX web

Please select "VOIP/PSTN Gateways—> Add Gateway" to create a SIP trunk:

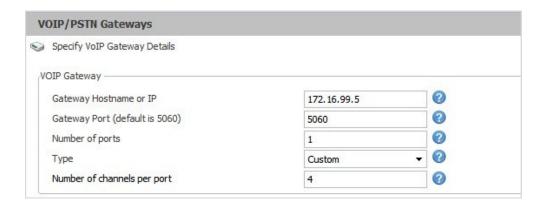


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After that, please click the next button to the following page:



About other options, you can set or skip by your requirements until go to the following web which means SIP trunk is registered.



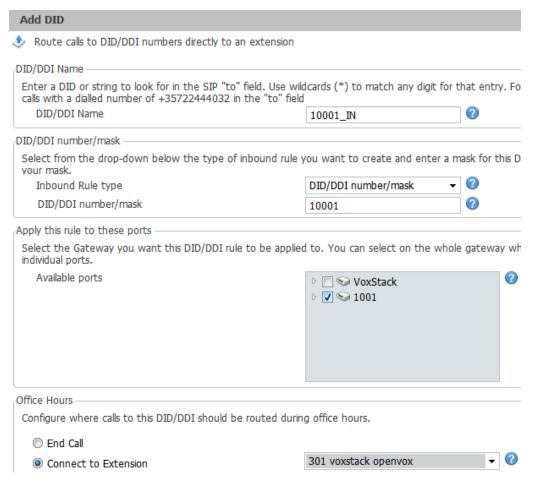
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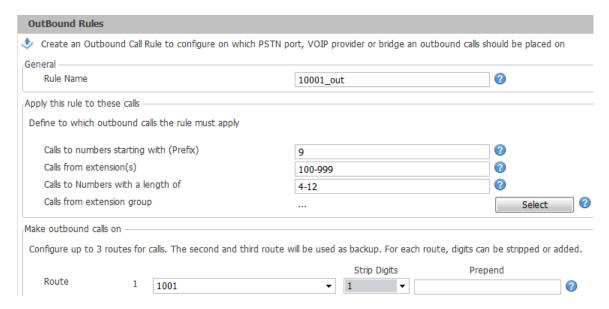


Step 5. Dial rules in 3CX web

Click Inbound Rules—>Add DID to set inbound rules



Click Outbound Rules—>Add Outbound to set outbound rules



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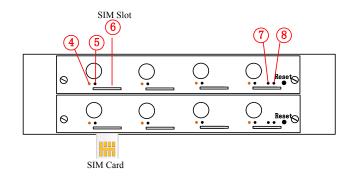


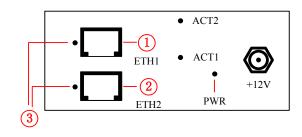


Step 6. Register a SIP extension by software

Taking advantage of SIP software such as Xlite, eyeBeam to register a SIP extension(301). After all above steps, you can try to make calls and send SMS.

Front Panel





LED Indicator	Color	Status		
③ Network Status LED	Green and Flash	Network Connected		
	Green and Flash	Module Initiating		
	Red and Flash	No SIM Card		
④ Signal Status LED	Red and No-flash	Worst Signal Quality		
	Yellow and No-flash	Medium Signal Quality		
	Green and No-flash	Best Signal Quality		
	Flash (0.25s)	Communicating		
⑤ Call Status LED	Blind	Normal		
⑦ Running Status LED	Green and Flash(0.5s)	Work Normally		
® Power Indicator	Always Green	Supply Power		
During reset, all LED indicators flash.				

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