

GSM Gateway Connect with Asterisk® Server

QUICKSTART GUIDE

Default IP: 172.16.99.1

Username: admin

Password : admin

There are two LAN ports, please connect the gateway to Internet through one of LAN port and make sure connectivity by LED status.

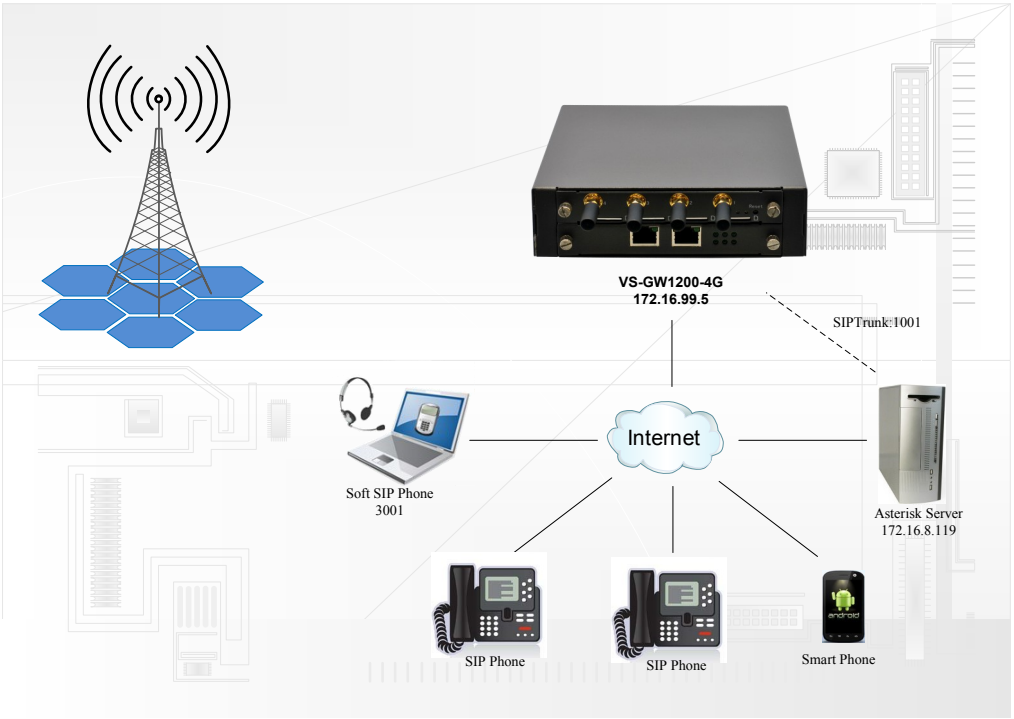
Configuration

⇒ Configure options in GUI:

1. Network parameters such as IP address;
2. SIP endpoint;
3. Routings;

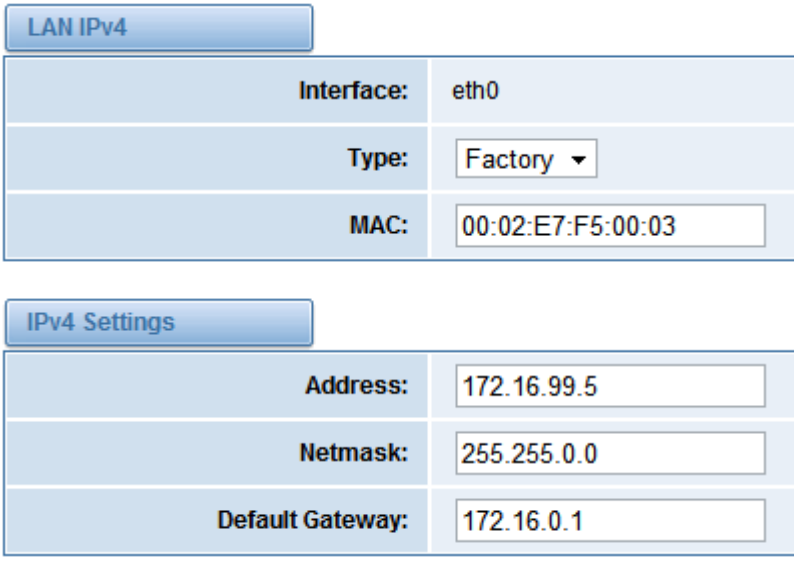
⇒ Create a SIP trunk and dial rules in Asterisk server

⇒ Register SIP extensions



Step 1. Set Network Parameters in Web

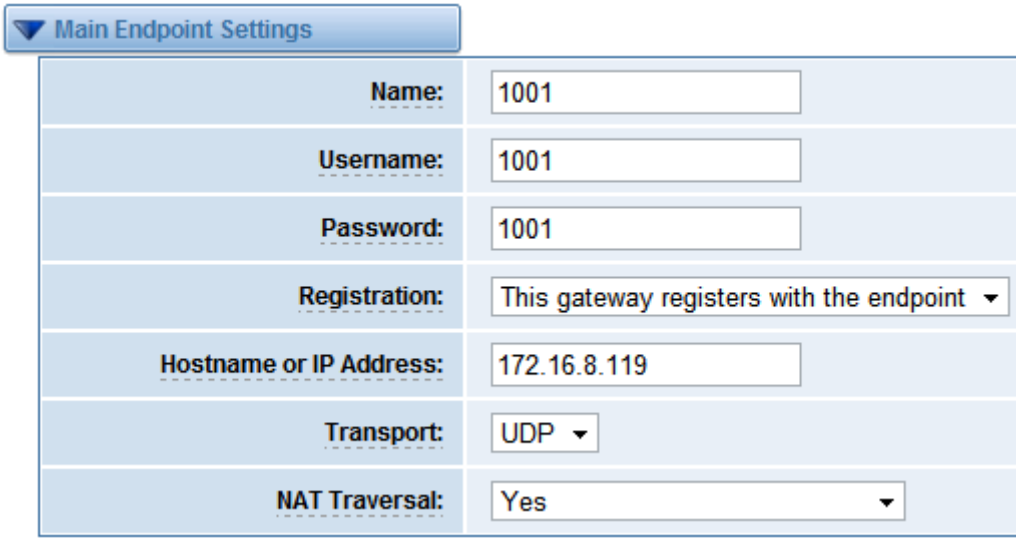
If your system topology like the figure described, please enter the gateway default IP address In your browser to login web, and click “NETWORK—>LAN Settings” to set network parameters such as IP.



Save your changes. Please type in your DNS server in “DNS Server Address”.

Step 2. Create a SIP Endpoint in Web

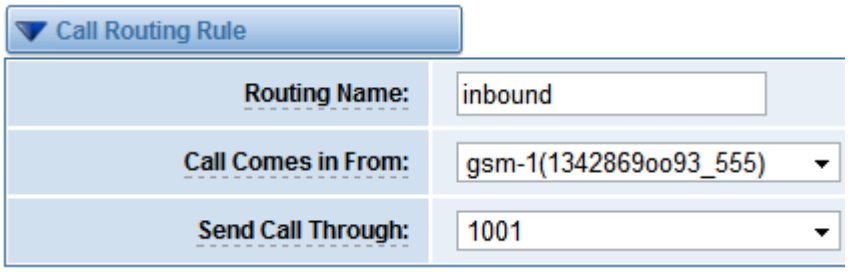
Please select “SIP—>SIP Endpoints—>Add New SIP Endpoint” to set SIP trunk. The following figure shows detail information about how to set it.



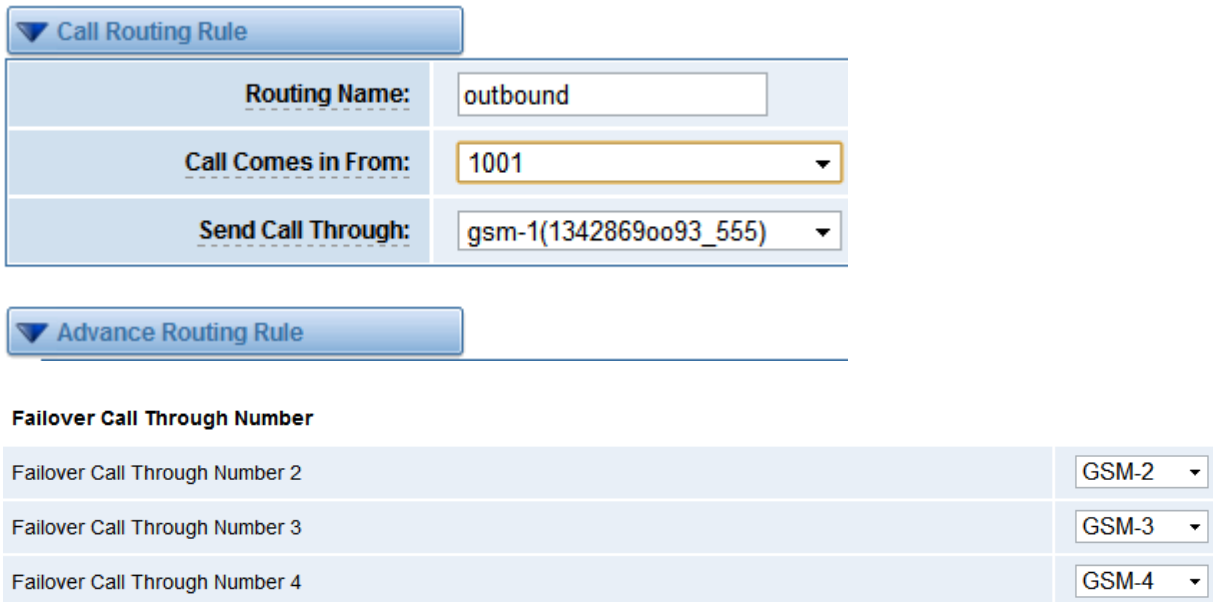
About other parameters in SIP, please set by your requirements for there is no need to set them in simple calls.

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 Asterisk® Server

Please add the following lines in sip.conf to create a SIP trunk(1001):

```
[1001]
host=dynamic
username=1001
secret=1001
type=friend
fromuser=1001
context=from-gsm
```

After editing, save and exit and restart SIP service in Asterisk® Server

Step 5. Edit Dial Rules In Asterisk

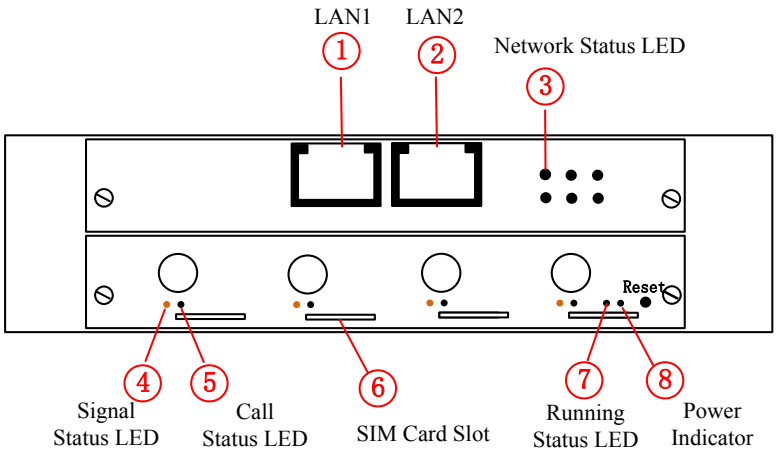
```
[from-internal]
exten => _9X.,1,Dial(sip/1001/${EXTEN:1})
exten => _9X.,n,Hangup()

[from-gsm]
exten => s,1,Dial(SIP/3001)
exten => s,n,Hangup()
```

Step 6. Register a SIP extension by software

Taking advantage of SIP software such as Xlite, eyeBeam to register a SIP extension(3001). After all above steps, you can try to make calls and send SMS.

Front Panel



③Network Status LED	Green and Flash	Network Connected
④Signal Status LED	Green and Flash	Module Initiating
	Red and Flash	No SIM Card
	Red and No-flash	Worst Signal Quality
	Yellow and No-flash	Medium Signal Quality
	Green and No-flash	Best Signal Quality
⑤Call Status LED	Flash	Communicating
	Blind	Normal
⑦Running Status LED	Green and Flash	Work Normally
⑧Power Indicator	Always Green	Supply Power

During reset, all LED indicators flash.