



Clarinet VoIP Applications

Creating Different Responses to Incoming SIP Calls

- Open the Clarinet Manager and then select an IP profile by clicking on the 'P IP' icon.
- From the IP profile editor window select 'Responder' where you will notice that only one response has been configured. Move your cursor down to SIP source 2 and click the 'Select' button to switch it on.
- Now move back to SIP source 1 and click on 'Edit' to see the default configuration.
- You will see that in the panel marked 'If find' you have the entry 'INVITE sip:cla231'. This is telling Clarinet to look for an INVITE message with a destination IP address preceded by the alias 'cla231'. You can enter a second trigger in the panel entitled 'or find'.
- The rest of the SIP responder panel defines the response that is sent to this INVITE message when the incoming trigger is matched. Here you can say if you would like to accept the call or reject it with a 'Status Error'. When accepting you can respond with Trying, Queued, Session Progress, Ringing or any 'Status' variant that you would configure.
- The 'Call active' section defines what is replayed (default = none but soon you will have an option of RTP payload) and the 'Transmission mode:' defines the length of the call before it is cleared using BYE (defaults = empty which is infinite).
- The key to creating different responses is to look for different alias triggers used with the incoming INVITE message.
- To configure this, first return to the main IP profile editor window and select 'Initialize emulators'. In the 'Initialize emulators' panel select 'IP' to see the IP address used for this Clarinet system. The alias will be presented before the IP address with each incoming INVITE message.
- Now select 'TCP/IP' and click on the 'alias' button you will see several IP addresses and aliases have been pre-configured such as cla231 192.168.2.231 and cla232 192.168.2.231. You can enter several aliases for your own IP address and this is what you need to do.
- As an example you could configure AAAA 192.168.2.231 and BBBB 192.168.2.231. Create as many of these aliases as you need to use for your application.
- Make a note of all your 'alias' names, click 'OK' and then click on 'Responder' to return to the configuration panels. Select 'SIP source 1' and click 'Edit' to open the SIP responder panel for the first response. Change the default 'cla231' name to one of the names that you have entered as aliases for your IP address. Now configure the response as required and the Clarinet will follow these instructions when an incoming call arrives with your IP address and the selected alias.
- Now click OK, select 'SIP source 2' then 'Edit' enter a different alias name and a different response.





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- When your configuration is complete click OK and save the IP profile. Launch your main LAN .acp profile naming the configured IP profile and make calls to the Clarinet using one of the aliases that you have configured as triggers.
- If you have access to two Clarinet systems then it is possible to create one more profile for the other Clarinet to launch up to 50 INVITE messages each with a different alias. This makes it very easy to test your responder configuration or any of the equipment running SIP on your LAN to check their response.

