

SIP server redundancy ("Locating SIP server with DNS" according to RFC3263)

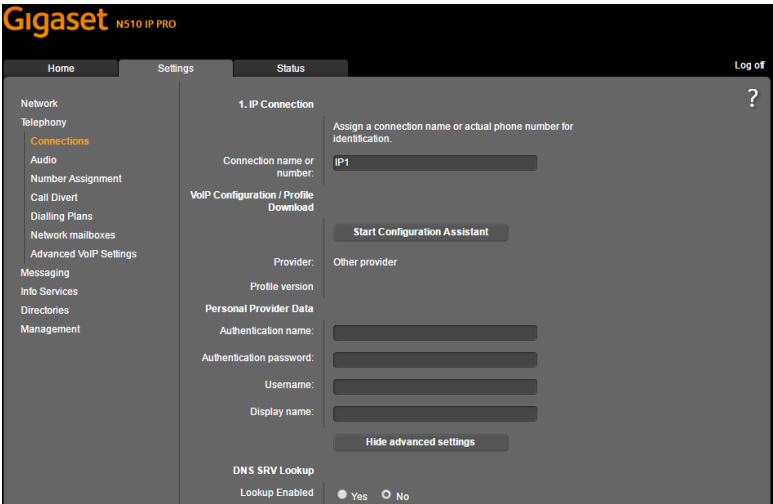
Introduction

Do not use the preconfigured SIP server port numbers (5060), if you want to make use of SIP server redundancy ("Locating SIP server with DNS according to RFC3263).
Background is RFC 3263: "...If the TARGET was not a numeric IP address, but a port is present in the URI, the client performs an A or AAAA record lookup of the domain name...."

Please look at this page to see a detailed communication flow.

N510 software version >=240

In the web-interface go to: **Settings - Telephony - Connections - DNS SRV Lookup**



Provisioning Parameter	Value
SIP account 1:	0x0 = No
BS_IP_Data1.ucB_SIP_USE_LOOKUP=0x1	0x1 = Yes
Possibility to hide in web-interface: BS_IP_Data1.ucB_SIP_USE_LOOKUP..attr=0x0	
SIP account 2:	0x0 = No
BS_IP_Data1.ucB_SIP_USE_LOOKUP_2=0x0	0x1 = Yes
Possibility to hide in web-interface: BS_IP_Data1.ucB_SIP_USE_LOOKUP_2..attr=0x0	
SIP account 3:	0x0 = No
BS_IP_Data1.ucB_SIP_USE_LOOKUP_3=0x0	0x1 = Yes
Possibility to hide in web-interface: BS_IP_Data1.ucB_SIP_USE_LOOKUP_3..attr=0x0	
SIP account 4:	0x0 = No
BS_IP_Data1.ucB_SIP_USE_LOOKUP_4=0x0	0x1 = Yes
Possibility to hide in web-interface: BS_IP_Data1.ucB_SIP_USE_LOOKUP_4..attr=0x0	

SIP account 5:	0x0 = No
BS_IP_Data1.ucB_SIP_USE_LOOKUP_5=0x0	0x1 = Yes
Possibility to hide in web-interface: BS_IP_Data1.ucB_SIP_USE_LOOKUP_5..attr=0x0	
SIP account 6:	0x0 = No
BS_IP_Data1.ucB_SIP_USE_LOOKUP_6=0x0	0x1 = Yes
Possibility to hide in web-interface: BS_IP_Data1.ucB_SIP_USE_LOOKUP_6..attr=0x0	

N510 software version < 240

In the web-interface go to: **Settings - Telephony - Connections**

Make sure that the **port numbers** are empty, see the picture below.

Gigaset N720-DM-PRO

Settings Status Log Off

- Network and connectors
 - VoIP providers
 - Mobile devices
 - Telephony
 - Info Services
 - Online directories
 - Management

VoIP Provider 6

Profile Download

Provider: IP6

Profile Version:
 Select VoIP Provider

General data for your service provider

Domain:
 Proxy server address:
 Proxy server port: 5060
 Registration server:
 Registration server port: 5060
 Registration refresh time: 180 sec

Network data for your service provider

STUN enabled: ☒ Yes ☐ No
 STUN server address:
 STUN server port: 3478
 STUN refresh time: 240 sec
 NAT refresh time: 20 sec
 Outbound proxy mode: ☒ Always ☐ Automatic ☐ Never
 Outbound server address:
 Outbound proxy port: 5060

To make use of SIP server redundancy („Locating SIP servers“ with DNS according to RFC3263) there should be no port number configured: Fields must be empty!