

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

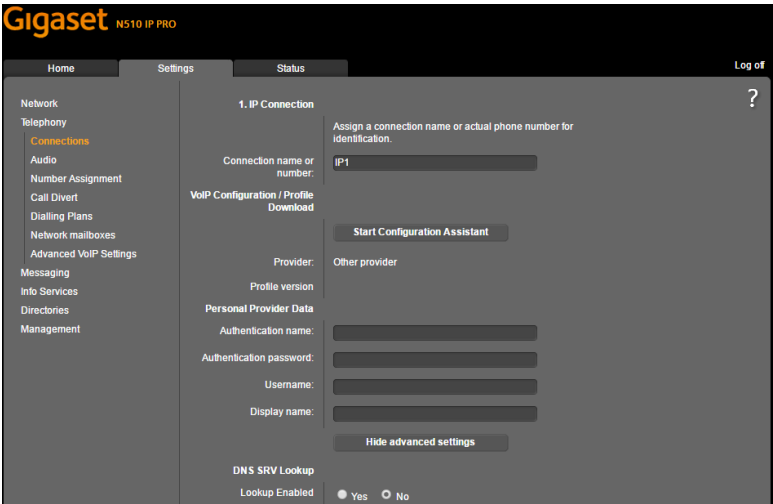
## Introduction

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** Log Off

**Settings** Status

- 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!