

# N720 - DNS SRV

## 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...."

In the web-interface go to: **Settings - VoIP Providers - Edit**

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

- **Proxy server port** must be empty.
- **Registration server port** must be empty.
- **Outbound proxy port** must be empty.

The screenshot shows a web interface with two sections: 'General Data of your Service Provider' and 'Network Data of your Service Provider'. The first section contains fields for Domain, Proxy server address, Proxy server port, Registration server, Registration server port, and Registration refresh time. The second section contains fields for STUN enabled, STUN server address, STUN server port, STUN refresh time, NAT refresh time, Outbound proxy mode, Outbound server address, and Outbound proxy port. The 'Proxy server port', 'Registration server port', and 'Outbound proxy port' fields are highlighted with red boxes to indicate they should be empty.

General Data of your Service Provider	
Domain	DomainURL
Proxy server address	ProxyURL
Proxy server port	
Registration server	RegistrationURL
Registration server port	
Registration refresh time	180 sec

  

Network Data of your Service Provider	
STUN enabled	<input type="radio"/> Yes <input checked="" type="radio"/> No
STUN server address	
STUN server port	3478
STUN refresh time	240 sec
NAT refresh time	20 sec
Outbound proxy mode	<input checked="" type="radio"/> Always <input type="radio"/> Automatic <input type="radio"/> Never
Outbound server address	OutboundURL
Outbound proxy port	

The N720 changes to secondary server when the primary does not answer after a time or it returns an Error 503.

If you would need that also on an Error 500, the device changes to the secondary server, you need to change this in the configuration.

Provisioning parameter	Value
S_VOIP_Data.ucB_CH_DNS_ON_E500=0x1	0x0 = Default behavior. 0x1 = Also change when receiving error 500

## Patch

If you have no provisioning possibility, you can use the patch to enable/disable the above parameter.

- [Patch to enable change on error 500](#)
- [Patch to disable change on error 500 \(Default\)](#)

