

RELEASE NOTES

snom 4S SIP Proxy/Registrar

Date: Sep-12-2002
Maintainer: Christian Stredicke
Document: Release Notes Proxy



Version 2.15

Illegal DNS Characters

A Windows DNS server returned illegal characters in DNS SRV records. These characters are now ignored.

User Database

In Windows the user database was stored properly, but after a restart the list was not restored properly. This has been fixed.

The Linux platform was not affected.

Version 2.14

Deregister Replay Contact List

When a user agent deregisters with a REGISTER request with a expiry duration of 0, the proxy answers with a 200 Ok. This response does not contain the deregistered contact any more.

Deregister All Request

SIP allows to deregister all contacts of an account using the * as pattern. This has been added to the proxy.

However, we recommend not to use this method, because other users get deregistered without notification.

Version 2.13

Pending Calls

The proxy keeps another list of calls parallel to the successful call list. This list is now accessible in the Pending Calls web page. It has a similar format like the Call List web page.

Version 2.12

Linux Installation

The procedure for the installation of the proxy in Linux was erroneous. The manual has

been updated and the proxy now contains a simple install script that sets up the necessary files.

Version 2.11

DNS CNAME

Recursive DNS lookups with CNAME was not working. This has been corrected. Now every time when a DNS lookup cannot be resolved to a DNA A record, the proxy tries to find a CNAME entry in its internal DNS database.

ACK Handling

RFC3261 requires that ACK for non-2xx responses are part of the INVITE transaction. When the proxy receives a response with a tag in the To-header, it must use this tag when sending the ACK. This was not the case and has been corrected.

In some situations the proxy generates error codes (e.g. 401, 407, 404, 403). In these cases, it sets up internal tables which expect the ACK to these error codes. This was not done properly and the proxy treated some of the ACK as new transaction and was trying to fork them to their destinations. This has been corrected.

IP Address Setup

The previous version asked the user to enter the IP address. This IP address was not checked against the local host and could not be changed dynamically. This caused problems with dynamic DNS and changing IP addresses in PPPoE environments. This has been changed. The proxy now changes the IP address automatically.

Version 2.10

Version 2.10 contained some major improvements and new features.

DNS

DNS packets were not propagated properly inside of the proxy. This caused DNS

to fail completely in some environments. This has been corrected.

User Upload

Setting up many users could only be done manually. The user administration web page now contains a file upload capability, where many users can be loaded into the proxy in a batch run. The file contains the account, username and password as space separated lines.

Setting Web Interface

The settings web interface became bigger and bigger. Therefore, the settings page has been split up into licensing, general admin, routing and registering.

Netscape Compatibility

The web interface had a bug that added a `,\0` character after `.js` files. The Netscape browser complained about this, this has been corrected.

Multiple Destinations

The previous version could route requests only to one fixed location (the gateway). This was insufficient in environments where least cost routing and multiple locations were used. For the Use Gateway rule the destination can not explicitly be stated.

The destination may contain variables which are replaced with parts of the URI. This allows a very flexible way to generate destinations (e.g. `sip:{user}@192.168.0.248:5060`).

Scalability

The internal structure now uses AVL trees everywhere. This improves the scalability of the proxy significantly.

Version 2.03

Strict Routing

The proxy generated buggy packets when more than two proxies were in the routing path with strict routing. This has been fixed.

Version 2.02

Demo Mode License

Even when the right demo code was entered, the proxy displayed unlicensed in the license web page. This has been fixed.

Version 2.01

Linux Daemon Mode

The Linux version now spawns process if in daemon mode.

snom technology Aktiengesellschaft
Pascalstr. 10E, 10587 Berlin, Germany
Phone: +49 (30) 39833-0
mailto: info@snom.de
http: www.snom.de
sip: info@snomag.de

snom USA Representation
ABP International, Inc.
Crestside Dr.
Coppell, Texas 75019, USA
Phone: +1-972-831-0280
sip: usa@snomag.de
mailto: usa@snom.de