

在NAT后的设置SPA9xx

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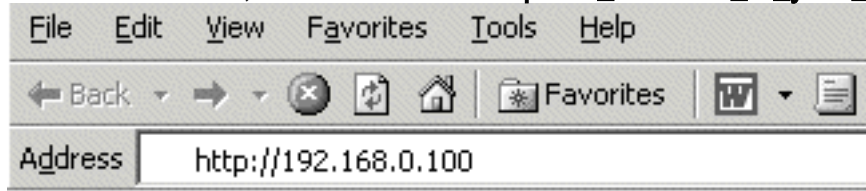
Introduction

本文是一个协助解决的系列Cisco小型企业产品设置，故障排除和维护。

Q. 执行什么，如果我的SPA9xx电话是在网络地址转换(NAT)后，并且我遇到注册问题？

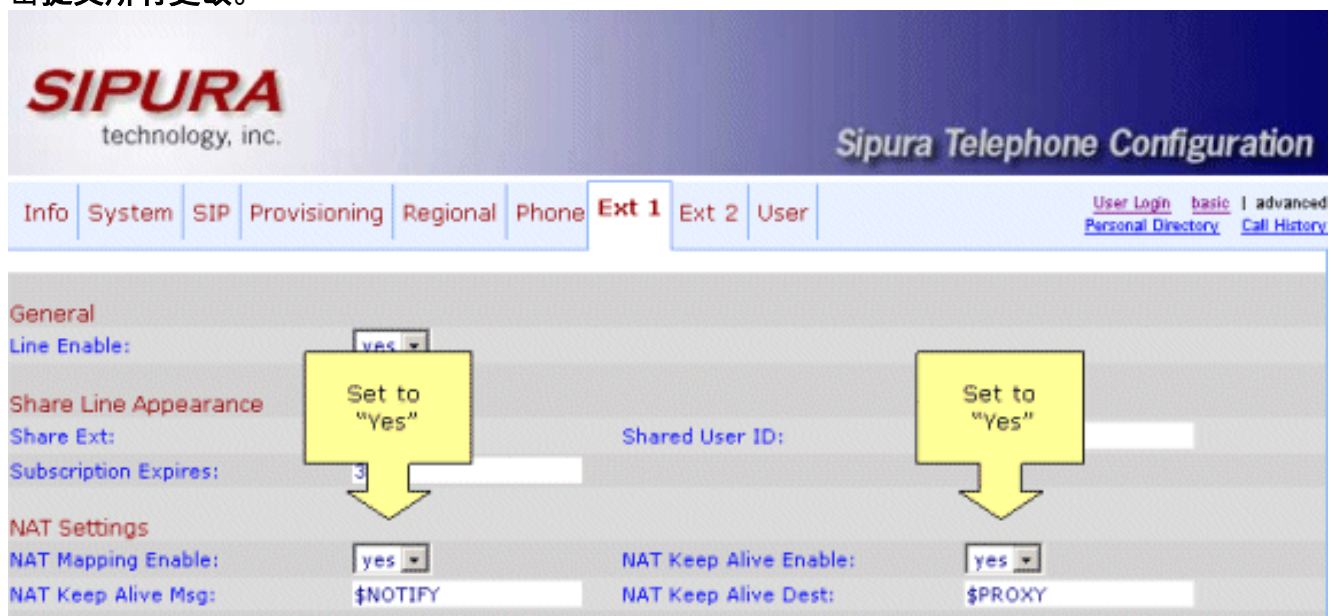
A. 完成这些步骤：

1. 您需要访问SPA网页用户界面。检查您的SPA9xx IP地址。您能通过在IP电话的LCD屏幕获得IP地址。按**设置按钮**，然后按**9**。LCD屏幕显示当前IP地址。
2. 启动您的浏览器，键入在地址域的**http://IP_Address_of_your_SPA9xx**，并且按下**进入**。



Note: 您当前准备配置NAT的SPA9xx。如果Web接口请求用户名和密码，这意味着单元由您的供应商锁定。请与您的协助的各自VoIP供应商联系。

3. 能设置NAT映射Enable (event)和NAT保活Enable (event)的您对是在EXT1 SPA的选项下。点击**提交所有更改**。

A screenshot of the Sipura Telephone Configuration web interface. The page title is "SIPURA technology, inc." and "Sipura Telephone Configuration". The navigation menu includes "Info", "System", "SIP", "Provisioning", "Regional", "Phone", "Ext 1", "Ext 2", and "User". The "Ext 1" tab is selected. The "NAT Settings" section is visible, showing "NAT Mapping Enable" set to "yes" and "NAT Keep Alive Enable" set to "yes". Two yellow callout boxes with arrows point to the "yes" dropdown menus, with the text "Set to 'Yes'". Other settings include "Line Enable" (yes), "Share Line Appearance" (yes), "Subscription Expires" (3), "Shared User ID" (empty), "NAT Keep Alive Msg" (\$NOTIFY), and "NAT Keep Alive Dest" (\$PROXY). The top right corner has links for "User Login", "basic", "advanced", "Personal Directory", and "Call History".

4. 或者，如果注册SPA9xx的SIP服务器支持NAT，您能使用SPA的outbound代理配置为了连接到它。

Proxy and Registration			
Proxy:	fwd.pulver.com:5060	Use Outbound Proxy:	yes
Outbound Proxy:	nat2.pulver.com:5060	Use OB Proxy In Dialog:	yes
Register:	yes	Make Call Without Reg:	no
Register Expires:	3600	Ans Call Without Reg:	no
Use DNS SRV:	no	DNS SRV Auto Prefix:	no
Proxy Fallback Intvl:	3600	Proxy Redundancy Method:	Normal

5. SPA产品也支持STUN (UDP简单的穿越通过NAT)协议。在SIP选项下，请寻找NAT支持参数。在STUN服务器领域，请通过地址和STUN Enable (event)放置您的STUN服务器地址，集替代品对是。放置您的广域网IP地址在EXT IP。点击提交所有更改。

NAT Support Parameters			
Handle VIA received:	no	Handle VIA rport:	no
Insert VIA received:	no	Insert VIA rport:	no
Substitute VIA Addr:	yes	Send Resp To Src Port:	no
STUN Enable:	yes	STUN Test Enable:	yes
STUN Server:	stun.fwdnet.net:3478	EXT IP:	24.251.32.7
EXT RTP Port Min:		NAT Keep Alive Intvl:	15

Note: 如果有对称NAT，STUN不会工作。如果enable (event)调试通过Syslog和集STUN对是的测试Enable (event)，SPA产品将打印信息关于您是否有对称NAT。在您的NAT，您需要疏导从16384-16482的UDP端口5060，5061和端口范围。如果有在您的防火墙的这样一个功能您也许也需要禁用“SPI”。

Related Information

- [Technical Support & Documentation - Cisco Systems](#)