

Setting-Up NTP Server on a SPA9000

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Introduction

How can I set-up my NTP server on a SPA9000?

Related Information

[Related Cisco Support Community Discussions](#)

Introduction

This article is one in a series to assist in the setup, troubleshooting, and maintenance of Cisco Small Business products (formerly Linksys Business Series).

Q. How can I set-up my NTP server on a SPA9000?

A.

NTP (Network Time Protocol) on the SPA9xx IP phones is dependent on the SPA9000 NTP server information. The IP phones when it automatically provisions the settings from the SPA9000 with get the current time that the SPA9000 has. The NTP server information will be sent from the SPA9000 to the client station that is provisioned to it. The SPA9000 should maintain the real-time clock based on an NTP server or a Date header supplied by the ITSP.

Determining the Address of the Administration Web Server

Step 1:

Connect an analog telephone to the Phone 1 or Phone 2 port on the SPA9000.

Step 2:

Press four asterisk (*) keys on the keypad to access the IVR menu.

Step 3:

Press **110#** to determine the Internet (WAN) IP address.

Setting-Up NTP Server on an SPA9000

Step 1:

Access the SPA9000's web-based setup page. For instructions, click [here](#).

Step 2:

When the web-based setup page appears click **Admin Login** then **advanced**.

Router

Voice

Status

Wan Setup

PBX Status

Product Information

Product Name:	SPA-9000	Serial Number:	000000000000
Software Version:	3.2.3(d)	Hardware Version:	1.0.0(3359)
MAC Address:	000000000000	Client Certificate:	Installed
Licenses:	None		

System Status

Current Time:	1/1/2003 04:02:40	Elapsed Time:	00:02:40
Wan Connection Type:	Static IP	Current IP:	x.x.x.x
Host Name:	SipuraSPA	Domain:	
Current Netmask:	x.x.x.x	Current Gateway:	x.x.x.x
Primary DNS:			
Secondary DNS:			
LAN IP Address:	192.168.0.1	Broadcast Pkts Sent:	3
Broadcast Bytes Sent:	1026	Broadcast Pkts Recv:	247
Broadcast Bytes Recv:	25707	Broadcast Pkts Dropped:	0
Broadcast Pkts Dropped:	0		

Click **Admin Login**.

Undo All Changes

Submit All Changes

PR

[Admin Login](#)

[basic](#)

[advanced](#)

Click **advanced**.

Step 3:

Click **WAN Setup** then look for **Primary** and **Secondary NTP Server** and enter the NTP server settings on the field provided.

LINKSYS[®]
All Systems, Inc.

Linksys Phone Adapter Configuration

Click WAN Setup.

Voice

Status **Wan Setup** Lan Setup Application PBX Status

Internet Connection Settings
Connection Type: Static IP

Static IP Settings
Static IP: x.x.x.x NetMask: 255.255.255.0
Gateway: x.x.x.x

PPPoE Settings
PPPOE Login Name: PPPOE Login Password:
PPPOE Service Name:

Optional Settings
HostName: Domain:
Primary DNS: Secondary DNS:
DNS Server Order: Manual DNS Query Mode: Parallel
Primary NTP Server: Secondary NTP Server:

Enter the **Primary NTP Server** here.

Enter the **Secondary NTP Server** here.

Note: If the IP phone has been provisioned by your VOIP provider and it was disabled, you will not be able to access it. Contact your VOIP provider.

Step 4:

Click .

Related Information

- **Technical Support & Documentation – Cisco Systems**