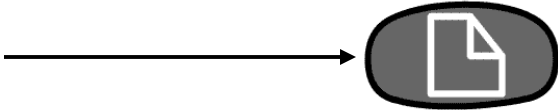


MANUAL IP PHONE LINKSYS SPA-941

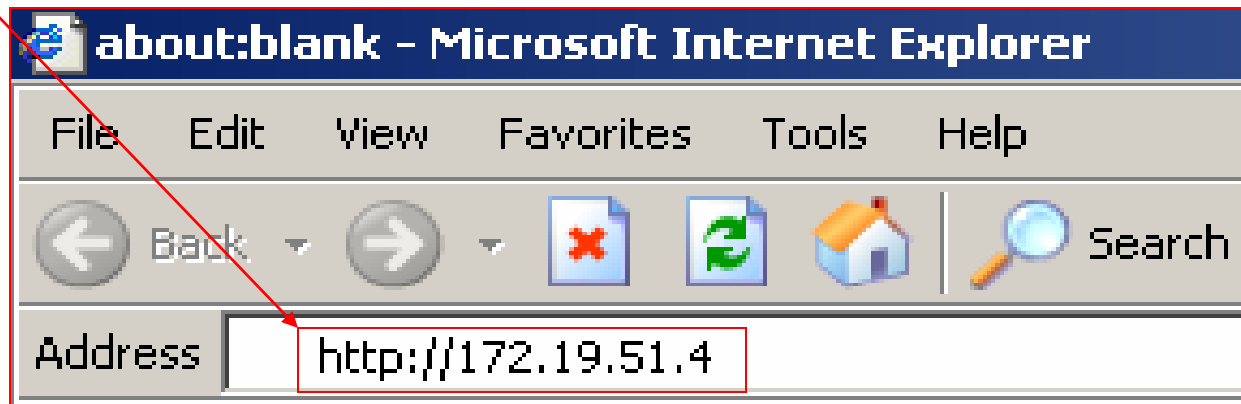


CARA KONFIGURASI IP PHONE


- Tekan menu 
- Pilih Network
- Pilih DHCP
- Pilih Edit (DHCP Disable), Pilih yes
- Current IP Misal : 172.19.51.4
- Pilih Non-DHCP Subnet mask (255.255.255.224)
- Save
- Pilih menu Reboot

Konfigurasi Account

- Buka program Internet Explorer / Web browser lainnya
- Masukkan IP address dari IP Phone yang baru kita Setting



TAMPILAN AWAL KONFIGURASI ACCOUNT



Sipura Telephone Configuration

[Info](#) | [System](#) | [User](#)

[Admin Login](#) | [basic](#) | [advanced](#)
[Personal Directory](#) | [Call History](#)

System Information

| | | | |
|------------------|-----------------|------------------|-------------|
| DHCP: | Disabled | Current IP: | 172.19.51.4 |
| Host Name: | SipuraSPA | Domain: | |
| Current Netmask: | 255.255.255.224 | Current Gateway: | 172.19.51.1 |
| Primary DNS: | 219.83.41.158 | | |
| Secondary DNS: | 219.83.41.146 | | |

Product Information

| | | | |
|-------------------|--------------|---------------------|--------------|
| Product Name: | SPA-941 | Serial Number: | 88014FA19259 |
| Software Version: | 4.1.8 | Hardware Version: | 1.0.0(7711) |
| MAC Address: | 000E08DBEB5D | Client Certificate: | Installed |

Phone Status

| | | | |
|-------------------------|--------------------|--------------------------|----------|
| Current Time: | 7/10/2006 18:04:43 | Elapsed Time: | 00:39:52 |
| Broadcast Pkts Sent: | 0 | Broadcast Bytes Sent: | 0 |
| Broadcast Pkts Recv: | 8414 | Broadcast Bytes Recv: | 870476 |
| Broadcast Pkts Dropped: | 0 | Broadcast Bytes Dropped: | 0 |
| RTP Packets Sent: | 18469 | RTP Bytes Sent: | 476062 |
| RTP Packets Recv: | 17711 | RTP Bytes Recv: | 354220 |
| SIP Messages Sent: | 870 | SIP Bytes Sent: | 341298 |
| SIP Messages Recv: | 249 | SIP Bytes Recv: | 122449 |
| External IP: | 219.83.12.2 | | |

Pilih Admin Login

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Sipura Telephone Configuration

Info System User **Admin Login** [Admin Login](#) [basic](#) | [advanced](#)
[Personal Directory](#) [Call History](#)

System Information

| | | | |
|------------------|-----------------|------------------|-------------|
| DHCP: | Disabled | Current IP: | 172.19.51.4 |
| Host Name: | SipuraSPA | Domain: | |
| Current Netmask: | 255.255.255.224 | Current Gateway: | 172.19.51.1 |
| Primary DNS: | 219.83.41.158 | | |
| Secondary DNS: | 219.83.41.146 | | |

Product Information

| | | | |
|-------------------|--------------|---------------------|--------------|
| Product Name: | SPA-941 | Serial Number: | 88014FA19259 |
| Software Version: | 4.1.8 | Hardware Version: | 1.0.0(7711) |
| MAC Address: | 000E08DBEB5D | Client Certificate: | Installed |

Phone Status

| | | | |
|-------------------------|--------------------|--------------------------|----------|
| Current Time: | 7/10/2006 18:19:39 | Elapsed Time: | 00:54:48 |
| Broadcast Pkts Sent: | 0 | Broadcast Bytes Sent: | 0 |
| Broadcast Pkts Recv: | 9578 | Broadcast Bytes Recv: | 976582 |
| Broadcast Pkts Dropped: | 0 | Broadcast Bytes Dropped: | 0 |
| RTP Packets Sent: | 18469 | RTP Bytes Sent: | 476062 |
| RTP Packets Recv: | 17711 | RTP Bytes Recv: | 354220 |
| SIP Messages Sent: | 1165 | SIP Bytes Sent: | 442721 |
| SIP Messages Recv: | 318 | SIP Bytes Recv: | 153151 |
| External IP: | 219.83.12.2 | | |

Ext 1 Status

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Registration State: | Registered | Last Registration At: | 7/10/2006 17:25:01 |
| Next Registration In: | 292 s | Message Waiting: | Yes |
| Mapped SIP Port: | | | |

Ext 2 Status

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Registration State: | Registered | Last Registration At: | 7/10/2006 17:25:01 |
| Next Registration In: | 292 s | Message Waiting: | Yes |
| Mapped SIP Port: | 10410 | | |

TAMPILAN AWAL USER LOGIN

**Sipura Telephone Configuration**

Info | System | SIP | Regional | Phone | Ext 1 | Ext 2 | User | [User Login](#) | basic | [advanced](#)
[Personal Directory](#) | [Call History](#)

System Information

| | | | |
|------------------|-----------------|------------------|-------------|
| DHCP: | Disabled | Current IP: | 172.19.51.4 |
| Host Name: | SipuraSPA | Domain: | |
| Current Netmask: | 255.255.255.224 | Current Gateway: | 172.19.51.1 |
| Primary DNS: | 219.83.41.158 | | |
| Secondary DNS: | 219.83.41.146 | | |

Product Information

| | | | |
|-------------------|--------------|---------------------|--------------|
| Product Name: | SPA-941 | Serial Number: | 88014FA19259 |
| Software Version: | 4.1.8 | Hardware Version: | 1.0.0(7711) |
| MAC Address: | 000E08DBEB5D | Client Certificate: | Installed |

Phone Status

| | | | |
|-------------------------|--------------------|--------------------------|----------|
| Current Time: | 7/10/2006 18:32:52 | Elapsed Time: | 01:08:01 |
| Broadcast Pkts Sent: | 0 | Broadcast Bytes Sent: | 0 |
| Broadcast Pkts Recv: | 10801 | Broadcast Bytes Recv: | 1095565 |
| Broadcast Pkts Dropped: | 0 | Broadcast Bytes Dropped: | 0 |
| RTP Packets Sent: | 18469 | RTP Bytes Sent: | 476062 |
| RTP Packets Recv: | 17711 | RTP Bytes Recv: | 354220 |
| SIP Messages Sent: | 1426 | SIP Bytes Sent: | 534838 |
| SIP Messages Recv: | 384 | SIP Bytes Recv: | 182867 |
| External IP: | 219.83.12.2 | | |

Ext 1 Status

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Registration State: | Registered | Last Registration At: | 7/10/2006 18:24:31 |
| Next Registration In: | 3069 s | Message Waiting: | Yes |
| Mapped SIP Port: | | | |

Ext 2 Status

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Registration State: | Registered | Last Registration At: | 7/10/2006 18:24:33 |
| Next Registration In: | 3071 s | Message Waiting: | Yes |
| Mapped SIP Port: | 10410 | | |

Pilih Menu Ext 1

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Sipura Telephone Configuration

Info | System | SIP | Regional | Phone | **Ext 1** | Ext 2 | User

[User Login](#) | [basic](#) | [advanced](#)
[Personal Directory](#) | [Call History](#)

General
Line Enable:

NAT Settings
NAT Mapping Enable: NAT Keep Alive Enable:

SIP Settings
SIP Port: SIP Debug Option:

Call Feature Settings
Message Waiting: Default Ring:
Mailbox ID:

Proxy and Registration
Proxy: Register:
Make Call Without Reg: Register Expires:
Ans Call Without Reg:

Subscriber Information
Display Name: User ID:
Password: Use Auth ID:
Auth ID:

Audio Configuration
Preferred Codec: Use Pref Codec Only:
Silence Supp Enable: DTMF Tx Method:

- Line Enable Pilih Yes

Line Enable:

- NAT Mapping Enable Pilih Yes

NAT Mapping Enable:

- Untuk proxy : ketik voiprakyat.or.id

Proxy and Registration

| | | | |
|------------------------|-----------------------------------------------|-------------------|-----------------------------------|
| Proxy: | <input type="text" value="voiprakyat.or.id"/> | Register: | <input type="text" value="yes"/> |
| Make Call Without Reg: | <input type="text" value="yes"/> | Register Expires: | <input type="text" value="3600"/> |
| Ans Call Without Reg: | <input type="text" value="yes"/> | | |

- Display name: isi dengan nama Anda
- Password : isi password Anda yang ada di password voiprakyat
- Auth id : isi ID yang ada di voiprakyat
- User id : isi user id Anda yang ada di voiprakyat
- Lalu klik Yes

Subscriber Information

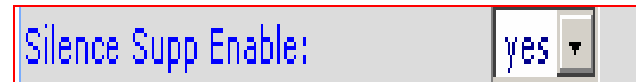
| | | | |
|---------------|------------------------------------|--------------|------------------------------------|
| Display Name: | <input type="text" value="wina"/> | User ID: | <input type="text" value="27297"/> |
| Password: | <input type="text" value="*****"/> | Use Auth ID: | <input type="text" value="yes"/> |
| Auth ID: | <input type="text" value="27297"/> | | |

KONFIGURASI AUDIO

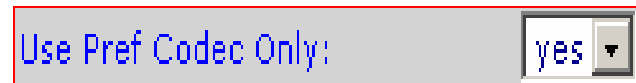
- Preferred Codec Pilih G729a

A screenshot of a dropdown menu for 'Preferred Codec'. The text 'Preferred Codec:' is on the left, and the selected value 'G729a' is in a box on the right with a downward arrow.

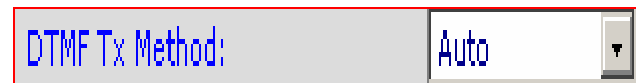
- Silence Supp Enable Pilih Yes

A screenshot of a dropdown menu for 'Silence Supp Enable'. The text 'Silence Supp Enable:' is on the left, and the selected value 'yes' is in a box on the right with a downward arrow.

- Use Pref Codec Only Pilih No

A screenshot of a dropdown menu for 'Use Pref Codec Only'. The text 'Use Pref Codec Only:' is on the left, and the selected value 'yes' is in a box on the right with a downward arrow.

- DTMF Tx Method Pilih Auto

A screenshot of a dropdown menu for 'DTMF Tx Method'. The text 'DTMF Tx Method:' is on the left, and the selected value 'Auto' is in a box on the right with a downward arrow.

- Klik **Submit All Changes** Untuk menyelesaikan Konfigurasi Pada Menu Ext1

A rectangular button with a grey background and a black border, containing the text 'Submit All Changes' in a monospaced font.

Pilih Menu Ext 2

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Sipura Telephone Configuration

Info | System | SIP | Regional | Phone | Ext 1 | **Ext 2** | User

[User Login](#) | [basic](#) | [advanced](#)
[Personal Directory](#) | [Call History](#)

General
Line Enable:

NAT Settings
NAT Mapping Enable: NAT Keep Alive Enable:

SIP Settings
SIP Port: SIP Debug Option:

Call Feature Settings
Message Waiting: Default Ring:
Mailbox ID:

Proxy and Registration
Proxy: Register:
Make Call Without Reg: Register Expires:
Ans Call Without Reg:

Subscriber Information
Display Name: User ID:
Password: Use Auth ID:
Auth ID:

Audio Configuration
Preferred Codec: Use Pref Codec Only:
Silence Supp Enable: DTMF Tx Method:

Menu Ext 2 ini Untuk memberikan 2 User Id Pada IP Phone

- Line enable Pilih Yes

Line Enable:


- NAT Mapping Enable Pilih Yes

NAT Mapping Enable:

- Proxy : isi dengan Voiprakyat.or.id
- Display name : isi dengan nama Anda
- Password : isi dengan password yang ada di voiprakyat.or.id
- Auth ID : isi dengan nomor yang ada di voiprakyat.or.id
- User id : User ID dan Auth ID diisi sama

| | | | |
|-------------------------------|-----------------------------------------------|----------------------|------------------------------------|
| Proxy and Registration | | | |
| Proxy: | <input type="text" value="voiprakyat.or.id"/> | Register: | <input type="text" value="yes"/> |
| Make Call Without Reg: | <input type="text" value="yes"/> | Register Expires: | <input type="text" value="3600"/> |
| Ans Call Without Reg: | <input type="text" value="yes"/> | | |
| Subscriber Information | | | |
| Display Name: | <input type="text" value="Roni"/> | User ID: | <input type="text" value="25627"/> |
| Password: | <input type="text" value="*****"/> | Use Auth ID: | <input type="text" value="yes"/> |
| Auth ID: | <input type="text" value="25627"/> | | |
| Audio Configuration | | | |
| Preferred Codec: | <input type="text" value="G729a"/> | Use Pref Codec Only: | <input type="text" value="yes"/> |
| Silence Supp Enable: | <input type="text" value="yes"/> | DTMF Tx Method: | <input type="text" value="Auto"/> |

TAMPILAN MENU SIP

Sipura Telephone Configuration

[Info](#) | [System](#) | **SIP** | [Provisioning](#) | [Regional](#) | [Phone](#) | [Ext 1](#) | [Ext 2](#) | [User](#)

[User Login](#) | [basic](#) | [advanced](#)
[Personal Directory](#) | [Call History](#)

SIP Parameters

| | | | |
|----------------------|----------------------------------------|--------------------------|-----------------------------------------------------|
| Max Forward: | <input type="text" value="70"/> | Max Redirection: | <input type="text" value="5"/> |
| Max Auth: | <input type="text" value="2"/> | SIP User Agent Name: | <input type="text" value="\$VERSION"/> |
| SIP Server Name: | <input type="text" value="\$VERSION"/> | SIP Reg User Agent Name: | <input type="text"/> |
| SIP Accept Language: | <input type="text"/> | DTMF Relay MIME Type: | <input type="text" value="application/dtmf-relay"/> |
| Remove Last Reg: | <input type="text" value="no"/> | Use Compact Header: | <input type="text" value="no"/> |
| Escape Display Name: | <input type="text" value="no"/> | Linksys Key System: | <input type="text" value="yes"/> |
| SIP-B Enable: | <input type="text" value="no"/> | Talk Package: | <input type="text" value="no"/> |
| Hold Package: | <input type="text" value="no"/> | Conference Package: | <input type="text" value="no"/> |
| Notify Conference: | <input type="text" value="no"/> | | |

SIP Timer Values (sec)

| | | | |
|------------------|----------------------------------|-----------------------|-----------------------------------|
| SIP T1: | <input type="text" value=".5"/> | SIP T2: | <input type="text" value="4"/> |
| SIP T4: | <input type="text" value="5"/> | SIP Timer B: | <input type="text" value="16"/> |
| SIP Timer F: | <input type="text" value="16"/> | SIP Timer H: | <input type="text" value="16"/> |
| SIP Timer D: | <input type="text" value="16"/> | SIP Timer J: | <input type="text" value="16"/> |
| INVITE Expires: | <input type="text" value="240"/> | ReINVITE Expires: | <input type="text" value="30"/> |
| Reg Min Expires: | <input type="text" value="1"/> | Reg Max Expires: | <input type="text" value="7200"/> |
| Reg Retry Intvl: | <input type="text" value="30"/> | Reg Retry Long Intvl: | <input type="text" value="1200"/> |
| Sub Min Expires: | <input type="text" value="10"/> | Sub Max Expires: | <input type="text" value="7200"/> |
| Sub Retry Intvl: | <input type="text" value="10"/> | | |

Response Status Code Handling

| | | | |
|-----------------|----------------------|----------------|----------------------|
| SIT1 RSC: | <input type="text"/> | SIT2 RSC: | <input type="text"/> |
| SIT3 RSC: | <input type="text"/> | SIT4 RSC: | <input type="text"/> |
| Try Backup RSC: | <input type="text"/> | Retry Reg RSC: | <input type="text"/> |

• RTP Port Min : Isi 8000

• RTP Port Max : isi 10000

| RTP Parameters | | | |
|-------------------|------------------------------------|-------------------|------------------------------------|
| RTP Port Min: | <input type="text" value="8000"/> | RTP Port Max: | <input type="text" value="10000"/> |
| RTP Packet Size: | <input type="text" value="0.030"/> | Max RTP ICMP Err: | <input type="text" value="0"/> |
| RTCP Tx Interval: | <input type="text" value="0"/> | No UDP Checksum: | <input type="text" value="no"/> |
| Symmetric RTP: | <input type="text" value="no"/> | Stats In BYE: | <input type="text" value="no"/> |

• STUN Tes Server : Di isi Yes

• STUN Server : Di isi voiprakyat.or.id

• STUN Enable : Di isi Yes

| NAT Support Parameters | | | |
|------------------------|-----------------------------------------------|------------------------|----------------------------------|
| Handle VIA received: | <input type="text" value="no"/> | Handle VIA rport: | <input type="text" value="no"/> |
| Insert VIA received: | <input type="text" value="no"/> | Insert VIA rport: | <input type="text" value="no"/> |
| Substitute VIA Addr: | <input type="text" value="no"/> | Send Resp To Src Port: | <input type="text" value="no"/> |
| STUN Enable: | <input type="text" value="yes"/> | STUN Test Enable: | <input type="text" value="yes"/> |
| STUN Server: | <input type="text" value="voiprakyat.or.id"/> | EXT IP: | <input type="text"/> |
| EXT RTP Port Min: | <input type="text"/> | NAT Keep Alive Intvl: | <input type="text" value="15"/> |

Linksys Key System Parameters


| | |
|--------------------|---------------------------------------------------|
| Multicast Address: | <input type="text" value="224.168.168.168:6061"/> |
|--------------------|---------------------------------------------------|

• Setelah selesai klik Submit All Change

Undo All Changes

Submit All Changes

MENU INFO

Sipura Telephone Configuration

| | | | | | | | | | |
|-------------|--------|-----|--------------|----------|-------|-------|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Info | System | SIP | Provisioning | Regional | Phone | Ext 1 | Ext 2 | User | User Login basic advanced Personal Directory Call History |
|-------------|--------|-----|--------------|----------|-------|-------|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|

System Information

| | | | |
|------------------|-----------------|------------------|-------------|
| DHCP: | Disabled | Current IP: | 172.19.51.4 |
| Host Name: | SipuraSPA | Domain: | |
| Current Netmask: | 255.255.255.224 | Current Gateway: | 172.19.51.1 |
| Primary DNS: | 219.83.41.158 | | |
| Secondary DNS: | 219.83.41.146 | | |

Product Information

| | | | |
|-------------------|--------------|---------------------|--------------|
| Product Name: | SPA-941 | Serial Number: | 88014FA19259 |
| Software Version: | 4.1.8 | Hardware Version: | 1.0.0(7711) |
| MAC Address: | 000E08DBEB5D | Client Certificate: | Installed |

Phone Status

| | | | |
|-------------------------|--------------------|--------------------------|----------|
| Current Time: | 7/10/2006 21:18:10 | Elapsed Time: | 03:52:18 |
| Broadcast Pkts Sent: | 0 | Broadcast Bytes Sent: | 0 |
| Broadcast Pkts Recv: | 30050 | Broadcast Bytes Recv: | 3025675 |
| Broadcast Pkts Dropped: | 0 | Broadcast Bytes Dropped: | 0 |
| RTP Packets Sent: | 18469 | RTP Bytes Sent: | 476062 |
| RTP Packets Recv: | 17711 | RTP Bytes Recv: | 354220 |
| SIP Messages Sent: | 4688 | SIP Bytes Sent: | 1693272 |
| SIP Messages Recv: | 1102 | SIP Bytes Recv: | 508527 |
| External IP: | 219.83.12.2 | | |

Ext 1 Status

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Registration State: | Registered | Last Registration At: | 7/10/2006 20:24:32 |
| Next Registration In: | 352 s | Message Waiting: | Yes |
| Mapped SIP Port: | | | |

Ext 2 Status

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Registration State: | Registered | Last Registration At: | 7/10/2006 20:24:39 |
| Next Registration In: | 358 s | Message Waiting: | Yes |
| Mapped SIP Port: | 10410 | | |

Keterangan :

| System Information | | | |
|--------------------|-----------------|------------------|-------------|
| DHCP: | Disabled | Current IP: | 172.19.51.4 |
| Host Name: | SipuraSPA | Domain: | |
| Current Netmask: | 255.255.255.224 | Current Gateway: | 172.19.51.1 |
| Primary DNS: | 219.83.41.158 | | |
| Secondary DNS: | 219.83.41.146 | | |

- DHCP: Diisi **Disabled**
- Host Name: **SipuraSPA**
- Current IP: Misal **172.19.51.4**
- Current Gateway : Diisi sama dengan default gateway **172.19.51.1**
- Current Netmask : misal **255.255.255.224**
- Secondary DNS : DNS Yang kedua **219.83.41.146**
- Primary DNS : DNS Yang pertama **219.83.41.158**

Keterangan Status EXT

| | | | |
|-----------------------|------------|-----------------------|--------------------|
| Ext 1 Status | | | |
| Registration State: | Registered | Last Registration At: | 7/10/2006 20:24:32 |
| Next Registration In: | 352 s | Message Waiting: | Yes |
| Mapped SIP Port: | | | |
| Ext 2 Status | | | |
| Registration State: | Registered | Last Registration At: | 7/10/2006 20:24:39 |
| Next Registration In: | 358 s | Message Waiting: | Yes |
| Mapped SIP Port: | 10410 | | |

Melihat Status apakah kita sudah terdaftar apa tidak :

Registration State : **Registered**
Next Registration In : 352 s
Berarti sudah terdaftar

Last Registration At: 7/10/2006 20:24:32
Message Waiting : **Yes**

Registration State : **Not Registered**
Next Registration In : 352 s
Berarti belum terdaftar

Last Registration At: 7/10/2006 20:24:32
Message Waiting : **No**

Terima kasih dan selamat mencoba

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