

# Explicación de las opciones de menú de la utilidad de configuración SPA400

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## [Introducción](#)

Este artículo forma parte de una serie para ayudar con la configuración, el troubleshooting y el mantenimiento de productos para Pequeñas Empresas de Cisco.

**Q. [¿Cuáles son las opciones de menú de la utilidad de configuración SPA400 y qué significa?](#)**

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### Opciones de menú de la utilidad de configuración SPA400

Los elementos de menú avanzados para el SPA400 se fijan con la utilidad de configuración basada en web.

**Configuración: Configuración básica**

**Configuración de la red de datos**

<b>Dynamic IP Address</b>	Check this button for obtaining networking parameters from a DHCP server
<b>Fixed IP Address</b>	Check this button to allow the SPA400 to be configured with a Static IP address
<b>IP Subnet Mask</b>	Subnet mask
<b>Gateway IP Address</b>	IP address of the Gateway/Router
<b>Data – Domain Name Server Address</b>	
<b>Primary DNS</b>	IP address of the primary domain name server
<b>Secondary DNS</b>	IP address of the secondary domain name server
<b>Data – NTP</b>	
<b>NTP Server</b>	IP address or FQDN of a NTP server
<b>Time Zone</b>	Select the time zone

**Configuración: Interfaz SPA9000**

**Datos - Identificación del usuario SPA9000**

<b>User ID</b>	The User ID of the SPA9000. Must be identical to the User ID configured in the SPA9000 Line # tab
<b>Discover Automatically</b>	Select this radio button if you want the SPA400 to learn the SPA9000 User ID from the SIP Registration packet sent by the SPA9000. You will need to specify the SPA9000 IP address and the UDP port. The SPA400 listens for the SIP Registration request from SPA9000. ...
<b>Static Address</b>	Select this radio button to enter the IP address of SPA9000 "Static Address" means the SPA400 won't automatically discover the SPA9000's IP address and port number. User has to specify it in the "IP Address" and "Port" fields. It also means SPA400 will only accept the SIP message from this address.
<b>IP Address</b>	IP address of the SPA9000
<b>Port</b>	UDP port number that SPA9000 registers its User ID to SPA400
<b>Data – Port ID</b> Each line port on the SPA400 may have a unique ID to allow the SPA9000 to identify incoming calls from PSTN	
<b>Port ID 1</b>	ID of port 1
<b>Port ID 2</b>	ID of port 2
<b>Port ID 3</b>	ID of port 3
<b>Port ID 4</b>	ID of port 4
<b>Data – Signaling</b>	
<b>Signaling Port</b>	UDP port that SPA400 listen for incoming call setup request
<b>Data – RTP</b>	
<b>RTP Port</b>	Base UDP port that SPA400 uses for RTP and RTCP. SPA400 uses a block of UDP ports for sending/receiving RTP and RTCP packets starting from this port number.
<b>Data – IP ToS/DiffServ</b>	
<b>Call Signaling Packets</b>	TOS field in IP header for outgoing SIP packets
<b>RTP Packets</b>	TOS field in IP header for outgoing RTP/RTCP packets
<b>Data – Session</b>	
<b>Enable Session Timer</b>	Check this button if you want the SPA400 to encode the Timer header in all INVITE requests for ringing timeout.
<b>Desired Refresh Time</b>	Desired session timer in seconds.
<b>Minimum Refresh Time</b>	Minimum value of the session timer, in seconds, that SPA400 prefers.

## Configuración: Voice

### Datos - Codificadores de la Voz

<b>Preferred Coder</b>	Select the preferred voice codec that SPA400 uses to negotiate with remote VoIP devices for determining the voice codec.
<b>Packetization</b>	Select the packetization time for a voice coder.
<b>VAD</b>	Enable or disable Voice Activity Detection for a voice codec.
<b>Data –Calling Timers</b>	
<b>Wait-for-Answer time</b>	Specify the time in seconds that SPA400 wait for the called party to answer the call. If the called party does not answer the call within this time period, the call is terminated automatically.
<b>Call Limit</b>	Specify the maximum number of seconds for a call. When the duration of a call exceeds this value, the call is terminated automatically.
<b>Data –Dialing Parameters</b>	
<b>Tone out on</b>	Specify the tone on time in millisecond for an out dialing DTMF digit.
<b>Tone out off</b>	Specify the tone off time in millisecond for an out dialing DTMF digit.
<b>DTMF power</b>	Power level in 0.1 dBm of the DTMF tones SPA400 dial toward TELEPHONY ports
<b>Answer after</b>	Number of rings SPA400 waits before answering incoming calls
<b>Dial out wait</b>	Time in milliseconds SPA400 wait after seizing a telephony port and before dialing out DTMF digits
<b>Dial out battery threshold</b>	Before seizing a telephony port for dialing out, SPA400 detects voltage level on the port to ensure that the port is connected and available. If the voltage level is below this threshold level, the port is declared unavailable.
<b>Data – Line Settings</b>	
<b>Transmit Gain</b>	SPA400 may increase or attenuate the power level before transmitting to the telephony port. This field allows you the set this gain level in dB.
<b>Receive Gain</b>	SPA400 may increase or attenuate the power level of telephony port. This field allows you the set this gain level in dB.
<b>Impedance Selection</b>	Select the impedance of the lines connecting to SPA400's telephony ports.

## Configuración: Servidor de correo de voz

### Datos - Configuraciones del voicemail

<b>Server Port</b>	UDP port over which the voicemail server listens. Note: The port number must be different from the signaling port on the SPA9000 Interface page.
<b>SPA9000 User ID</b>	User ID SPA9000 uses to register to SPA400 voicemail server
<b>SPA9000 subscribe ID</b>	ID SPA9000 uses to subscribe to SPA400 voicemail server for obtaining notification.
<b>Mailbox deposit number</b>	Phone number that SPA9000 uses to deposit voicemail
<b>Mailbox manage number</b>	Phone number that SPA9000 uses to access the voicemail box

Notes: Settings on this page must match the SPA9000 Line # tab which connects to SPA400 voicemail server.

## Configuración: Usuarios del voicemail

### Datos - Usuarios del voicemail

<b>Enable User</b>	Check this box to enable the mailbox
<b>User ID</b>	Mailbox ID
<b>Password</b>	Password for accessing the mailbox

Notes: Each mailbox serves a SPA IP Phone managed by the SPA9000. The User IDs on the Voicemail Users page must be consistent with the SPA IP Phones Mailbox ID before the phone can deposit and access voicemail.

## La administración: Administración

### Datos - Acceso de gateway

Gateway Username	New login name
Gateway Password	New login password
Re-enter to Confirm	Re-enter the new password. This entry must match the value above.

La administración: Valor predeterminado de fábrica

Datos - Valor predeterminado de fábrica

Restore Factory Defaults	Clicking this button will erase the current settings and reset the SPA400 to the original factory default settings.
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La administración: Configuración USB

Datos - Dispositivo USB

File Path	Specify the file to be loaded to the USB storage device.
Download	Clicks this button loads the file onto the USB storage device.

La administración: Actualización del firmware

Datos - Actualización del firmware

File Path	Click the "Browse" button to browse for the location on your PC where the firmware upgrade file is stored. Select this file.
Browse	Click the "Browse" button to select the firmware upgrade file on your PC .
Upgrade	Click this button to start the Firmware upgrade.

La administración: Reiniciar

Restart System	Clicking this button will restart the SPA400. All SPA400 connections will be broken.
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Estado

Gateway	Firmware Version and SPA400 Status
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Registros de acontecimientos

Set Log Levels	SPA400 logs significant events onto its internal buffer.. The events are categorized into several groups. This page allows you to set the log levels for each event group.
Event Logs	This page allows you the display the contents of SPA400 event log buffer. Contents of the log buffer provide technical support personnel useful information to troubleshoot SPA400 issues.

## [Información Relacionada](#)

- [Soporte Técnico y Documentación - Cisco Systems](#)