Manual de usuario del Yealink T44W

Introducción

Esta guía de configuración está escrita como una guía general sobre cómo configurar el modelo de teléfono Yealink SIP-T44W para que funcione con PBXware v6.7.8.

Requisitos

Identificación del modelo del teléfono

Para comenzar y completar con éxito el registro de su teléfono Yealink, necesita saber qué modelo de teléfono configurar.

En la parte posterior de cada teléfono Yealink, hay información del modelo que debes consultar. Si bien varios modelos de teléfono pueden tener exactamente los mismos requisitos y procedimientos de instalación, también

pueden tener requisitos y procedimientos de instalación significativamente diferentes, por lo que es importante conocer el modelo que tienes para poder configurar el dispositivo correctamente.

Firmware del teléfono

‣ Asegúrese de que su teléfono esté cargado con una versión de firmware adecuada, 108.86.254.310.

‣ Para conocer la versión de firmware de su modelo de teléfono Yealink, abra una nueva ventana del navegador e ingrese la dirección IP de su teléfono para acceder a la pantalla de inicio de sesión de la interfaz de administración web del teléfono. Ejemplo: `http://192.168.1.22` .

‣ Inicie sesión en la interfaz de administración web del teléfono con su nombre de usuario y contraseña. Tenga en cuenta que los datos de inicio de sesión predeterminados de fábrica son los siguientes: el nombre de usuario es **admin** y la contraseña es **admin** .

Servidor DHCP

Servidor DHCP totalmente configurado y operativo.

Versión de PBXware

Versión 6.7.8 de PBXware

Para conocer la versión de PBXware:

‣ Iniciar sesión en PBXware

‣ Vaya a **Configuración: Acerca de** .

En la parte superior de la página **Acerca** de, es posible que vea un código similar a este **: Edición de PBXware: Multi-Tenant, Versión: 6.7.8, Ejecutando: 16.16.1-gc-07522d10, PBXware Proxy v6.7 (05c0724), API: 6, versión de libmemcached: 1.0.18,** donde Versión indica la versión actual de su PBXware.

Instalación

En esta sección se describe cómo instalar y conectar el teléfono a la red eléctrica y de datos, así como cómo aplicar la configuración de fábrica.

Se tratan los siguientes temas:

‣ Adaptador de corriente

‣ Alimentación a través de Ethernet (PoE)

‣ Ajustes de fábrica

Adaptador de corriente

Conecte la red y la energía

‣ Conecte el enchufe de CC del adaptador de corriente al puerto de CC del teléfono y conecte el otro extremo del adaptador de corriente a una toma de corriente eléctrica.

‣ Conecte el cable Ethernet entre el puerto de Internet del teléfono y el puerto de red de un enrutador o conmutador para acceder a la LAN.

NOTE: *If you are using Power over Ethernet (PoE), you don't need to connect the AC adapter. Make sure that the Ethernet cable and router or switch is Power over Ethernet (PoE) compliant*.

Power over Ethernet (PoE)

Connect the Network (only)

Using a regular Ethernet cable, your phone can be powered from a Power over Ethernet (PoE) compliant router or switch.

‣ Connect the Ethernet cable between the Internet port on the phone and an available port on the in-line power router or switch.

NOTE: *If you are using Power over Ethernet (PoE), you don't need to connect the AC adapter. Make sure that the Ethernet cable and router or switch is Power over Ethernet (PoE) compliant*.

Find the phone IP address

Find out your Yealink phone IP Address.

‣ Press the **Menu** keysoft.

‣ Press the **Enter** keysoft to enter **1. Status**.

The IP address will be displayed on the top of the display.

Reset to Factory Settings

This step is not required for brand new out-of-the-box phones, however, if the phone has been already used then it is a must.

‣ Open a new browser window and enter your phone's IP address in order to access the phone's web administration interface login screen. Example: `http://192.168.1.22` .

‣ Log in to the phone's web administration interface with your username and password. Please note that the factory default login details are as follows: username is **admin** and password is **admin**.

‣ Click the **Upgrade** tab.

‣ Click the **Reset** button in order to reset the phone to factory settings. A phone will reset to the factory settings and reboot.

‣ Wait some time for a device to reboot.

NOTE: *Do not unplug or remove power from the phone while it is updating firmware and configuration.*.

Registering Phone

This section describes how to identify the Yealink phone model, requirements that must be met, and how to register a phone using Manual configuration or Auto provisioning.

The following topics are covered:

- ‣ Manual Configuration
- ‣ Auto Provisioning

Manual Configuration

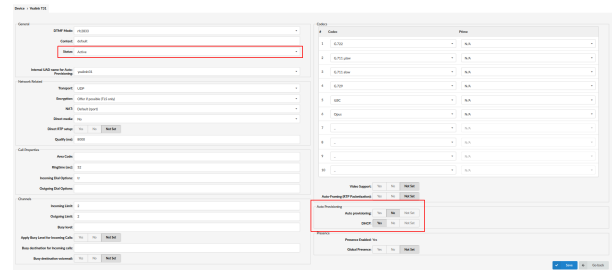This section describes how to set UAD settings, create the PBXware Extension, and register the phone.

The following topics are covered:

- ‣ UAD settings
- ‣ Creating Extension
- ‣ Registering Phone

UAD Settings

Log in to the PBXware's web administration interface

- ‣ Open a new browser window and enter the IP address in order to access the PBXware web administration login screen. Example: **http://192.168.1.10** ⧉ **.**
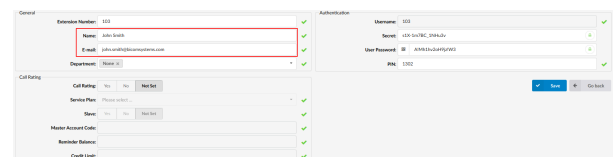- ‣ Log in to PBXware with your e-mail address and password.

UAD Settings

- ‣ Navigate to **Settings: UAD**.
- ‣ Make sure that the Yealink UAD is enabled. To check the UAD status, click the **Edit** icon corresponding to your Yealink phone.
- ‣ Make sure that **Status** is set to **Active**, **Auto provisioning** is set to **No**, and **DHCP** is set to **Yes**.
- ‣ Click the **Save** button to save changes.

Creating Extension

Add the Extension

- ‣ Navigate to **Extensions**. Click the **Add Extension** button.
- ‣ The standard options window will be shown below.
- ‣ Select the Yealink phone model from the **UAD** select box.

‣ Select Location: **Local** or **Remote**.

Local is for all Extensions registered on the LAN and **Remote** is for all Extensions registered from remote networks, WAN, Internet etc.

‣ Click the **Next step** button.

Extension Values

Enter values into the required field text boxes.

REQUIRED FIELDS:

   ‣ **Name**

Enter a name for the Extension being created. Example: **John Smith**.

   ‣ **E-mail**

Enter the e-mail address associated with this Extension. This e-mail address will receive all system notification messages. Example: john.smith@bicomsystems.com

   ‣ **Department**

Define the Department to which the Extension belongs to. Example: **Sales**.

‣ Click the **Save** button.

Registering Phone

This section describes how to register the Yealink phone using **Hostname or IP Address**.

The following topics are covered:

‣ Hostname or IP Address

Hostname or IP Address

Log in to the phone's web administration interface

‣ Open a new browser window and enter your phone IP address in order to access the phone's web administration interface login screen. Example: http://192.168.1.22

‣ Log in to the phone's web administration interface with your username and password. Please note that for factory default login details, the username is **admin** and the password is **admin**.

‣ Click **Accounts**.

‣ Enter or set the following details into the respective fields.

REQUIRED FIELDS:

   ‣ **Account Active**

Make sure that the **On** radio box is selected.

- ‣ **Register Name**

Enter the PBXware Extension number. Example: **1003**

- ‣ **User Name**

Usually refers to the same number as the **Phone Number**.

- ‣ **Password**

The Secret of the Extension as received in the e-mail associated with this Extension. Example: **_%Z4M3*Ts9y7**. A password is generated automatically for each newly created Extension.

- ‣ **Sip Server**

Enter the Hostname or IP Address of PBXware.

- Example of a Hostname: `voip.bicomsystems.com`

- Example of an IP Address: `192.168.1.10`

- ‣ Click the **Confirm** button.
- ‣ You will have to wait some time for the device to reboot. If everything is done as described above, you should have successfully registered your phone to PBXware.

Dial *123 to verify registration.

Auto Provisioning

This section describes how to set UAD settings, create the PBXware Extension, and register the phone using DHCP or Static IP address.

The following topics are covered:

- ‣ UAD Settings
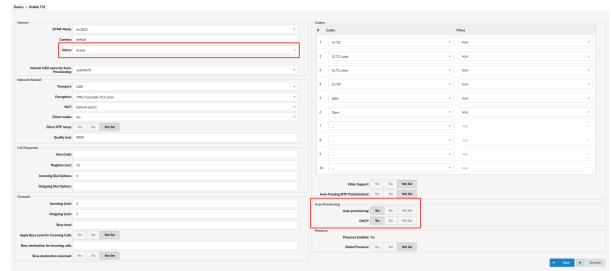- ‣ Creating Extension
- ‣ Registering Phone

UAD Settings

Log in to the PBXware's web administration interface.

- ‣ Open a new browser window and enter the IP address in order to access the PBXware web administration login screen. Example: `http://192.168.1.10` .
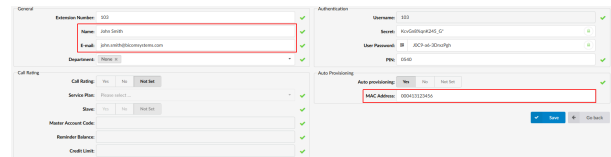- ‣ Log in to PBXware with your e-mail address and password.

UAD Settings

- ‣ Navigate to **Settings: UAD**.

- ‣ Make sure that the Yealink UAD is enabled. To check the UAD status, click the **Edit** icon corresponding to your Yealink phone.

- ‣ Make sure that **Status** is set to **Active**, **Auto provisioning** is set to **Yes**, and **DHCP** is set to **Yes**.

- ‣ Click the **Save** button to save changes.

Creating Extension

Add the Extension

- ‣ Navigate to **Extensions**. Click the **Add Extension** button.

- ‣ The standard options window will be shown below.

- ‣ Select the Yealink phone model from the **UAD** select box.

- ‣ Select Location: **Local** or **Remote**.

Local is for all Extensions registered on the LAN and **Remote** is for all Extensions registered from remote networks, WAN, Internet etc.

- ‣ Click the **Next step** button.

Extension values

Enter values into the required field text boxes.

REQUIRED FIELDS:

- ‣ **Name**

Enter a name for the extension being created. Example: **John Smith**.

- ‣ **E-mail**

Enter the e-mail address associated with this extension. This e-mail address will receive all system notification messages. Example: `john.smith@bicomsystems.com`

- ‣ **Auto Provisioning**

Set to **Yes**.

- ‣ **MAC Address**

Enter Yealink phone MAC address. Example: **001565FF1536**. MAC address can be found at the back of the phone.

- ‣ Click on the **Save** button.

Registering Phone

This section describes how to register Yealink phone using **TFTP, HTTP & HTTPS**.

The following topics are covered:

‣ TFTP or HTTP & HTTPS

TFTP or HTTP & HTTPS

‣ Open a new browser window and enter your phone IP address, e.g. `http://192.168.1.22` .

‣ Enter **username** and **password** and press the **Confirm** button. **NOTE:** Factory default login details are as follows: username is **admin** and password is **admin**.

‣ Click on the **Settings** tab.

‣ Click the **Auto Provision** link on the left hand navigation menu.

‣ Choose what **server type** you intend to use: **HTTP**, **HTTPS**, and **Trivial FTP**. **NOTE:** Our recommendation is to use **HTTP**.

If you choose to use **HTTP** or **HTTPS server type**, enter **http://** or **https://** followed by **Hostname** or **IP Address**, and then followed by **/prov**.

Example of a Hostname using HTTP: `http://abc.bicomsystems.com/prov`

Example of a Hostname using HTTPS: `https://abc.bicomsystems.com/prov`

Example of an IP Address using HTTP: `http://192.168.1.10/prov`

Example of an IP Address using HTTPS: `https://192.168.1.10/prov`

‣ Enter the **Auto Provisioning** username and password into the **User Name** and **Password** fields.

If you choose to use **TFTP server type**, enter **tftp://** followed by **Hostname** or **IP Address**

Example of a Hostname: `tftp://voip.bicomsystems.com`

Example of an IP Address: `tftp://192.168.1.10`

‣ Click the **Autoprovision Now** button.

‣ A pop up window will show up.

‣ Click the **OK** button to confirm your action.

‣ You will have to wait for a couple of seconds for the configuration to be updated. **NOTE:** Do not power off your phone.

‣ The Auto provisioning process will start during the phone's reboot process, the phone will pick up an appropriate configuration file from PBXware. If everything is done as described above, you should have successfully registered your phone to PBXware.

Dial ***123** to verify registration.

Using TLS

NOTE: If you choose to use HTTPS as a protocol for registering your phone, please do the following:

‣ Open a new browser window and enter your phone IP address, e.g. `http://192.168.1.22` .

‣ Enter **username** and **password** and press the **Confirm** button. **NOTE:** The factory default login details are as follows: username is **admin** and password is **admin**.

‣ Click the **Security** tab and go to **Trusted certificates** and disable the **Only Accept Trusted Certificates** option.

Configure BLF

This section describes how to configure BLF (Busy Lamp Field) for Yealink T44W.

The following topics are covered:

- Extension Settings

- Phone Settings

Extension Settings

Log in to the PBXware's web administration interface

‣ Open a new browser window and enter the IP address in order to access the PBXware's web administration login page. Example: `http://192.168.1.10` .

‣ Log in to PBXware with your e-mail address and password.

Edit Extension.

‣ On the **Extensions** page, click the **Edit** icon corresponding to your Extension.

‣ Click the **Advanced Options** button.

‣ Navigate down to the **Auto Provisioning** and **Presence** group of settings.

‣ Asegúrese de que **el Aprovisionamiento automático** esté configurado en **Sí** .

‣ Asegúrese de que **la opción Presencia** esté configurada en "Sí".

‣ Haga clic en el botón **Guardar** para guardar los cambios.

‣ Haga clic en **Servicios mejorados** .

‣ Haga clic en la casilla de verificación **Directorio/Lista BLF y haga clic en el botón Guardar** para habilitar esta función.

‣ **Haga clic en el botón Editar** directorio/lista BLF .

▸ Seleccione el tipo de clave DSS que desea utilizar.
NOTA: Para obtener más información sobre las claves DSS, visite la página [CÓMO UTILIZAR UNA CLAVE DSS](#) .

▸ Introduzca valor y etiqueta para la clave DSS.

▸ Haga clic en el botón **Guardar** .

Configuración del teléfono

Inicie sesión en la interfaz de administración web del teléfono

▸ Abra una nueva ventana del navegador e ingrese la dirección IP de su teléfono para acceder a la pantalla de inicio de sesión de la interfaz de administración web del teléfono. Ejemplo: `http://192.168.1.22` .

▸ Inicie sesión en la interfaz de administración web del teléfono con su nombre de usuario y contraseña. Tenga en cuenta que los datos de inicio de sesión predeterminados de fábrica son los siguientes: el nombre de usuario es **admin** y la contraseña es **admin** .

▸ Haga clic en **Teléfono** .

▸ Haga clic en **Claves DSS** .

▸ Configurar las claves DSS.

Tipo: Seleccionar **BLF** .

Valor: Introduzca la extensión del usuario. Ejemplo: **1005**

▸ Haga clic en el botón **Confirmar** para guardar los cambios.

Plantilla de configuración adicional

Si desea incluir alguna configuración UAD adicional para Yealink T44W, simplemente agregue campos a **la Plantilla de aprovisionamiento automático general del agente de usuario** en el menú **Configuración -> UAD -> Yealink T44W** , o agréguelos directamente a la Extensión en la sección **Plantilla de aprovisionamiento automático de UAD** .