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Introduction



This Configuration Guide is written as general guide on how to configure the Gigaset phone model Maxwell 2 to work with PBXware 5.2.

Requirements

Identifying phone model

To start and successfully complete registration of your Gigaset phone you need to know which phone model you will setup.

From the back of each Gigaset phone there are exact model information that you should check. Although different phone models can have exactly the same requirements and installation procedure, phone models can also have significantly different requirements and installation procedure, so that ignorance of your own model may result in the inability to successfully set up your phone.

Phone firmware

- Make sure that your phone is loaded with appropriate firmware version, [2.22.7](#).
- To find out the firmware version of your Gigaset phone model open a new browser window and enter your phone IP address in order to access the phone web administration interface login screen. Example: **http://192.168.1.22**.
- Login to phone web administration interface with your password. Please note, factory default login password is: **admin**.

DHCP server

Fully configured and operational DHCP server.

PBXware version

PBXware version **5.2.0.0**

In order to find out the PBXware version:

- Login to PBXware
- Navigate to **Settings: About**.

On the top of **About** page is a code similar to this one **Edition: Multi-Tenant, Release: 5.2.0.0 (387597b7), Running: 13.19.2-gc-bc02d0d8, PBXware Proxy v5.2.0 (1cfbb13), API: 5.2, libmemcached version: 1.0.18** where Release denotes the exact version of your PBXware.

Installation

This chapter describes how to install and connect the phone to the electrical power and data network as well as how to apply factory settings.

The following topics are covered:

- Power adapter
- Power over Ethernet (PoE)
- Factory Settings

Power adapter

Connect the Network and Power

- Connect the DC plug on the power adapter to the DC port on the phone and connect the other end of the power adapter into an electrical power outlet.
- Connect the ethernet cable between the Internet port on the phone and the network port on a router or switch to access LAN.

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

Find the phone IP address

Find out your Gigaset phone IP Address.

- Press **Menu** button.
- Go to **Settings** menu.
- Go to **Info** submenu.

Scroll down to the IP address info.

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.

- Login to phone web administration interface with your password. Please note, factory default login password is: **admin**.
- Click **System** on the left navigation menu.
- Click **Reboot and Reset** in the submenu.
- Click **Reset to Factory Settings** button and confirm on prompt.
- Wait sometime prior for device to reboot.

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

Registering phone

This chapter describes how to identify Gigaset phone model, requirements that must be met and how to register the phone using manual configuration or auto provisioning.

The following topics are covered:

- Manual configuration
- Auto provisioning

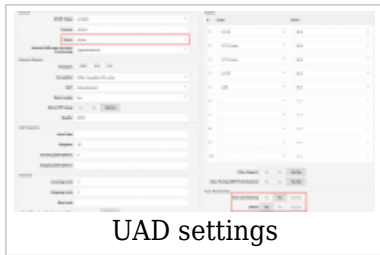
Manual configuration

This chapter describes how to set UAD settings, create PBXware extension and register the phone.

The following topics are covered:

- UAD settings
- Creating extension
- Registering phone

UAD Settings



UAD settings

Login to PBXware 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**.
- Login to PBXware with your e-mail address and password.

UAD settings

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

Creating extension



Creating Extension

Add Extension

- Navigate to **Extensions**. Click on **Add Extension**.
- The standard options window will be shown below.
- Select Gigaset 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 on 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**

Department to which extension will belong to. Example: **Sales**.

- Click on the **Save** button.

Registering Phone

This chapter describes how to register Gigaset phone using **Hostname or IP Address**.

Hostname or IP Address

Login to phone web administration interface

- Open a new browser window and enter your phone IP address in order to access the phone web administration interface login screen. Example: `http://192.168.1.22`
- Login to phone web administration interface with your password. Please note, factory default login password is: **admin**.
- Click on **Telephony** in the left navigation menu.
- Click on **Conections** in the submenu.
- Click on first **Edit** button.
- Enter or set the following details into the respective fields.

REQUIRED FIELDS:

- **Authentication name**

PBXware extension number. Example: **1003**

- **Authentication 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.

- **Username**

Same number as the **Authentication name**.

- **Display name**

Usually the same as the **Authentication name**.

- **Domain**

PBXware IP address or domain name. Example: **192.168.10.1** or **http://abc.bicomsystems.com**

- **Proxy server address**

Same as the **Domain** field.

- **Registration server**

Same as the **Domain** field.

- Click on the **Set** button.

- If everything is done as above described, you should have successfully registered your phone to PBXware. Dial *123 to verify registration.

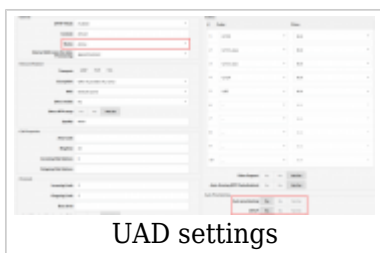
Auto Provisioning

This chapter describes how to set UAD settings, create 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



Login to PBXware 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**.

- Login to PBXware with your e-mail address and password.

UAD settings.

- Navigate to **Settings:UAD**.
- Make sure Gigaset UAD is enabled. To check the UAD status click on the **edit** icon corresponding to your Gigaset phone.
- Make sure **Status** is set to **Active**, **Auto provisioning** is set to **Yes**, and **DHCP** is set to **Yes**.
- Click on the **Save** button to save changes.

Creating Extension



Add Extension

- Navigate to **Extensions**. Click on **Add Extension**.
- The standard options window will be shown below.
- Select Gigaset 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 on 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 Gigaset phone MAC address. Example: **7C2F80123456**. MAC address can be found at the back of the phone.

- Click on the **Save** button.

Registering Phone

This chapter describes how to register Gigaset phone using **DHCP** or **HTTP**.

The following topics are covered:

- DHCP
- HTTP

DHCP

Configure DHCP

- Make sure your DHCP router is configured to use **option 66** to automatically instruct phones with the URL for auto provisioning. For more information refer to your router documentation or contact your network administrator.

Phone first boot or user initiated reboot

- Auto provisioning process will start during phone first boot or after reboot process has been initiated by user. DHCP server will instruct the phone where from to pickup appropriate configuration file. If everything is done as above described, you should have successfully registered your phone to PBXware. Dial ***123** to verify registration.

HTTP

- Open a new browser window and enter your phone IP address, e.g. **http://192.168.1.22**.
- Enter **password** and click **Login** button. **NOTE:** Factory default password is: **admin**.
- Click on **System** in the left navigation menu.
- Click on **Security** in the submenu.

Enter the following:

- **HTTP digest username**

Enter Auto Provisioning username.

- **HTTP digest password**

Enter Auto Provisioning password.

- Click **Set** button.
- Click on **Provisioning and Configuration** in the left navigation menu.
- In the **Provisioning Server** field enter the following:

Hostname or IP Address, followed then by **/prov**.

Example for Hostname using HTTP: **abc.bicomsystems.com/prov**

Example for IP Address using HTTP: **192.168.1.10/prov**

- Click **Set** button.
- Click on **Start Auto Configuration** button.
- You'll have to wait couple of seconds for the configuration to be updated. **NOTE:** Do not power off your phone.
- Auto provisioning process will start during phone reboot process, phone will pickup appropriate configuration file from PBXware. If everything is done as above described, you should have successfully registered your phone to PBXware. Dial ***123** to verify registration.

Configure BLF

This chapter describes how to configure BLF (Busy Lamp Field) for Gigaset Maxwell 2.

Extension Settings

Login to PBXware web administration interface.

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

Edit extension.

- On the **Extensions** page click on the **edit** icon corresponding to your extension.

- Click on **Enhanced services**.
- Click on **Directory / BLF List** check box and click on **Save** button in order to enable this feature.
- Click on Directory / BLF List **Edit** button.
- Click **Add extension** button.
- Enter user extension number and click on the **BLF** check box.
- Click on **Save** button.

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