

## OVERVIEW & REQUIREMENTS

This guide walks through configuring the **Gigaset N670** DECT base station to register with **the PBX platform v7.6.0** — from installation through manual configuration and auto provisioning (HTTP, HTTPS).



*Gigaset N670 DECT base station*

### IDENTIFYING YOUR PHONE MODEL

The exact model information is printed on the back of each Gigaset phone. Models can have significantly different requirements and installation procedures — confirm you have the **N670** before starting, or the setup may not complete successfully.

### BEFORE YOU BEGIN

- **Phone model** — Confirm the exact model on the back of the phone
- **Firmware** — Version V2.53.0, checked via the phone's web interface
- **DHCP** — A fully configured, operational DHCP server
- **PBX version** — Release 7.6.0

### CHECK PHONE FIRMWARE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Log in (factory default: `admin` / `admin`)
- 3 The **Software Version** field displays the phone's firmware

### FIND PHONE IP ADDRESS

- 1 Open `www.gigaset-config.com` in a browser
- 2 All connected Gigaset devices are listed, each with its IP address

### CHECK PBX VERSION

- 1 Log in to the PBX platform, navigate to **Settings > About**

```
Edition: Business, Release: 7 (251dc1c5), Running: 18.15.0-  
gc-c6df9197, Proxy v7 (4807ca1), API: 7
```

## INSTALLATION

## OPTION A – POWER ADAPTER

- 1 Connect the DC plug on the power adapter to the DC port on the phone, and the other end into an electrical outlet
- 2 Connect an Ethernet cable between the Internet port on the phone and a network port on your router or switch

## OPTION B – POWER OVER ETHERNET (POE)

- 1 Connect an Ethernet cable between the Internet port on the phone and an available port on a PoE-compliant router or switch

## REGISTER A HANDSET

- 1 In the web UI, open **Settings** > **Mobile devices** > **Administration**, click **Edit** on the extension, set **RegStatus** to **To Register**, enter or generate a PIN, and click **Set**
- 2 Open **Mobile Devices** > **Registration Centre** and click **Start Now**; on the handset go to **Settings** > **Register Handset** to pair

## RESET TO FACTORY SETTINGS

Not required for brand-new phones — but a must for any phone previously used.

- 1 Press and hold the device button for 10+ seconds until all LEDs turn off — the device is in programming mode
- 2 Short-press the device button until both LEDs light up blue
- 3 Press and hold the device button for 3–10 seconds — the device reboots and resets to factory settings
- 4 Wait for the device to finish rebooting before continuing

## MANUAL CONFIGURATION – UAD SETTINGS

- 1 Browse to the PBX platform, e.g. `http://192.168.1.10`, and log in with your e-mail address and password
- 2 Navigate to **Settings** > **UAD**
- 3 Make sure the Gigaset N670 UAD is enabled — click the **Edit** icon for the Gigaset N670
- 4 Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**
- 5 Click **Save**

The screenshot shows the 'UAD settings - manual configuration' page. It has a left sidebar with 'General' selected. The main area is divided into two columns. The left column contains settings like 'Language', 'Extension', 'Status', 'Network', 'Transport', 'Registration', 'Direct SIP', 'Quality', 'Call Forward', 'Channels', and 'Basis'. The right column contains a table of 'UAD' settings with columns for 'ID', 'Code', and 'Status'. The 'Auto provisioning' and 'DHCP' settings are highlighted with red boxes.

UAD settings – manual configuration

**WARNING:** Do not unplug or remove power while the phone is updating firmware or configuration.

## MANUAL CONFIGURATION – EXTENSION &amp; REGISTRATION

## CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Gigaset N670, **Location** = Local or Remote > **Next step**

**Local** is for extensions registered on the LAN; **Remote** is for extensions registered from remote networks, WAN, Internet, etc.

## REQUIRED EXTENSION FIELDS

- **Name** – e.g. John Smith
  - **E-mail** – e.g. john.smith@yourdomain.com (receives all system notifications)
  - **Department** – e.g. Sales
- Click **Save**.

Creating the extension

## REGISTER THE PHONE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Log in ( `admin / admin` ), go to **Settings** > **Provider or PBX Profiles** and click the first **Edit** icon
- 3 **Connection name or number / Domain** – the PBX hostname or IP, e.g. `voip.yourdomain.com` or `192.168.1.10` – then click **Set**
- 4 Go to **Mobile Devices** in the left menu and click **Add**
- 5 **Authentication name / Username / Display name** – the Extension number, e.g. `1003`
- 6 **Authentication password** – the extension Secret, e.g. `_%Z4M3*Ts9y7` (generated automatically for each new extension)
- 7 **VoIP Provider** – select the PBX profile added above
- 8 Click **Set** at the bottom of the page to apply the settings
- 9 Dial `*123` to verify the registration.

## AUTO PROVISIONING

## 1 UAD SETTINGS

- 1 Log in to the PBX platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the Gigaset N670, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

## 2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Gigaset N670, **Location** = Local or Remote > **Next step**

## REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com
- **Auto Provisioning** — set to Yes
- **MAC Address** — from the back of the phone, e.g. 001565FF1536

Click **Save**.

## SERVER ADDRESS FORMATS

- **HTTP** — <http://voip.yourdomain.com/prov/%MACD.xml>
- **HTTPS** — <https://voip.yourdomain.com/prov/%MACD.xml>

HTTP is the recommended protocol type.

## 3 REGISTER VIA HTTP OR HTTPS

- 1 Browse to the phone's IP, log in ( **admin** / **admin** ) and go to **Settings > Security**
- 2 Enter the auto-provisioning credentials into **HTTP digest username** and **HTTP digest password**, then click **Set**
- 3 In the left menu, select **Provisioning and Configuration**
- 4 Decide on the server type: HTTP or HTTPS (HTTP recommended)
- 5 Enter the server address into the **Provisioning server** field, including protocol prefix and **/prov/%MACD.xml** (see formats at left)
- 6 Click **Set**, then click **Start Auto Configuration** — provisioning runs during the reboot
- 7 Wait a couple of seconds for the configuration to update — **do not power off the phone**. The phone picks up its configuration from the PBX during the reboot. Dial **\*123** to verify.

UAD settings — auto provisioning

Extension with auto provisioning

## ADDITIONAL TEMPLATE &amp; SUMMARY

## ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the Gigaset N670, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > Gigaset N670** — or add them directly to a single extension in its **UAD Auto Provisioning Template** section.



Gigaset N670 DECT base station

## PROVISIONING SUMMARY

After successful registration via any method, dial **\*123** to verify. If registration fails:

- Verify the UAD is **Active** with the correct provisioning setting
- For auto provisioning: confirm the MAC address matches
- Confirm the phone can reach the PBX on the network
- Re-check the **Provisioning server** address and credentials

## FACTORY DEFAULTS AT A GLANCE

- **Web login** — Admin + phone password
- **Firmware** — V2.53.0
- **Registration check** — dial \*123
- **Provisioning path** — /prov
- **Recommended protocol** — HTTP