

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **VTech ET617** IP phone to register with **the PBX platform 5.2.4** — from installation through manual configuration and auto provisioning (DHCP, TFTP, HTTP).



VTech ET617 IP phone

BEFORE YOU BEGIN

- **Phone model** — Confirm the exact model on the back of the phone
- **Firmware** — Version **8.10.1.34**
- **DHCP** — A fully configured, operational DHCP server
- **PBX version** — Release **5.2.4**

CHECK PHONE FIRMWARE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Click **System Information** in the left navigation menu
- 3 The firmware version is displayed on that page

FIND PHONE IP ADDRESS

- 1 Check the phone's display or the DHCP lease table on your router

CHECK PBX VERSION

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

```
Edition: Business, Release: 5.2.4 (387597b7),  
Running: 1.8.32.1-gc-b47edc45, Proxy v5.2.4  
(62b7bcd), API: 5
```

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

NOTE: If using PoE, you do not need the AC adapter. Ensure the Ethernet cable and router/switch are PoE compliant.

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

RESET TO FACTORY SETTINGS

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

- 1 Browse to the phone's IP, e.g. <http://192.168.1.22>
- 2 Navigate to the factory reset option in the web interface
- 3 Click the **Update** tab
- 4 Click **Reset** and confirm with **OK** — the phone resets and reboots
- 5 Allow time for the device to reboot

NOTE: After factory reset, phone language and timezone must be selected before registering.

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

MANUAL CONFIGURATION — UAD SETTINGS

- 1 Browse to the PBX platform, e.g. <http://192.168.1.10>, and log in
- 2 Navigate to **Settings > UAD**
- 3 Click the **Edit** icon for the VTech phone
- 4 Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**
- 5 Click **Save**

The screenshot shows the 'UAD settings — manual configuration' web interface. It is divided into several sections: General, Network Related, Call Properties, Channels, and Codes. The 'General' section has 'Status' set to 'Active' and 'Auto provisioning' set to 'No'. The 'Network Related' section shows 'Transport' as 'UDP' and 'Encryption' as 'Offer if possible (TLS only)'. The 'Call Properties' section shows 'Area Code' as '32' and 'Ringtime (sec)' as '32'. The 'Channels' section shows 'Incoming Limit' and 'Outgoing Limit' both set to '3'. The 'Codes' section is a table with 10 rows, each with a 'Code' and a 'Phone' value. The 'Auto Provisioning' section at the bottom has 'Auto provisioning' set to 'No' and 'DHCP' set to 'Yes'. Red boxes highlight the 'Status', 'Auto provisioning', and 'DHCP' settings.

MANUAL CONFIGURATION — EXTENSION & REGISTRATION

CREATE THE EXTENSION

- 1 **Extensions** > **Add Extension** > UAD = VTech ET617,
Location = Local or Remote > **Next step**

REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com

Click **Save**.

REGISTER THE PHONE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Click **Identity 1** in the left navigation menu
- 3 **Identity Active** = **On**
- 4 **Display Name** — the extension name, e.g. John
- 5 **Account** — usually the same as the Authentication Username
- 6 **Password** — the extension Secret, e.g. `_%Z4M3*Ts9y7`
- 7 **Registrar** — PBX hostname or IP, e.g. `voip.yourdomain.com` or `192.168.1.10`
- 8 **Authentication Username** — the Extension number, e.g. 103
- 9 Click **Apply**. Dial ***123** to verify.

AUTO PROVISIONING

1 UAD SETTINGS

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

2 CREATE THE EXTENSION

- 1 **Extensions** > **Add Extension** > UAD = VTech ET617, 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. 000413123456

Click **Save**.

3A REGISTER VIA DHCP (OPTION 66)

- 1 Configure your DHCP router to use **option 66**. On first boot or reboot the phone picks up its configuration automatically. Dial ***123** to verify.

3B REGISTER VIA HTTP

HTTP recommended. Set credentials first:

- 1 Browse to the phone's IP, click **Advanced**
- 2 Click the **QoS/Security** tab
- 3 Under **HTTP Client**, enter the auto-provisioning **User** and **Password**, click **Apply**
- 4 Click the **Update** tab
- 5 Enter the server URL (see formats below), click **Apply**
- 6 Click **Reboot** > **Yes**, wait for update, then enter ****###** to reboot again

HTTP URL FORMAT

NOTE: The filename is case insensitive.

- `http://abc.yourdomain.com/prov/vtechvtechet617-{mac}.htm`
- `http://192.168.1.10/prov/vtechvtechet617-{mac}.htm`

3C REGISTER VIA TFTP

- 1 In the **Update** tab, enter the TFTP URL (see below), click **Apply**, **Reboot** > **Yes**, then ****###**

TFTP URL FORMAT

- `tftp://voip.yourdomain.com/vtechvtechet617-{mac}.htm`
- `tftp://192.168.1.10/vtechvtechet617-{mac}.htm`

VERIFY: Dial ***123** after reboot to confirm registration.