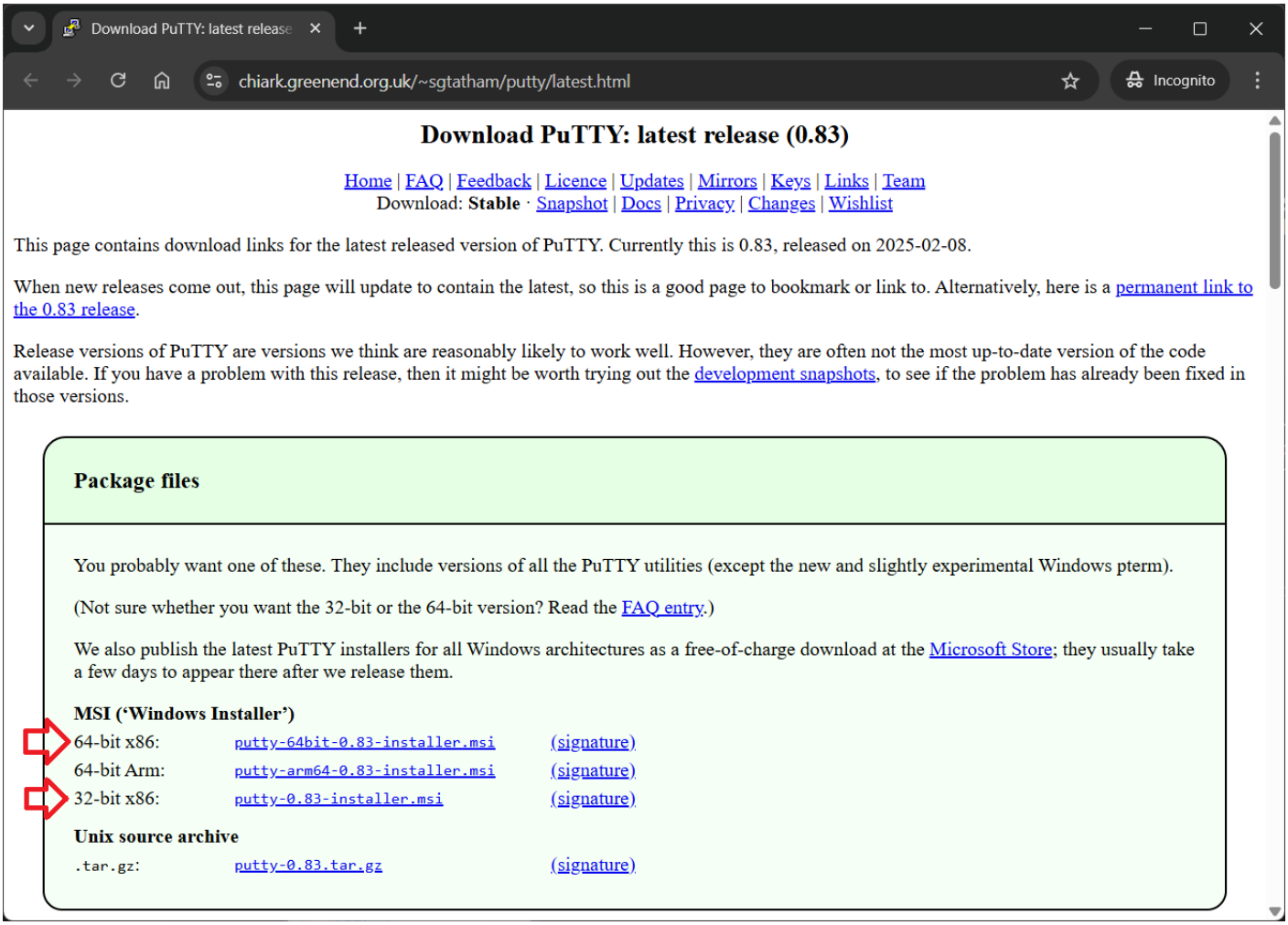
Access SMHUB via External SSH client

□□ How to Access SMHUB via SSH (Using PuTTY)

> ⚙ This guide helps you connect to your SMHUB device remotely using **SSH** (Secure Shell) and update it via two simple commands.

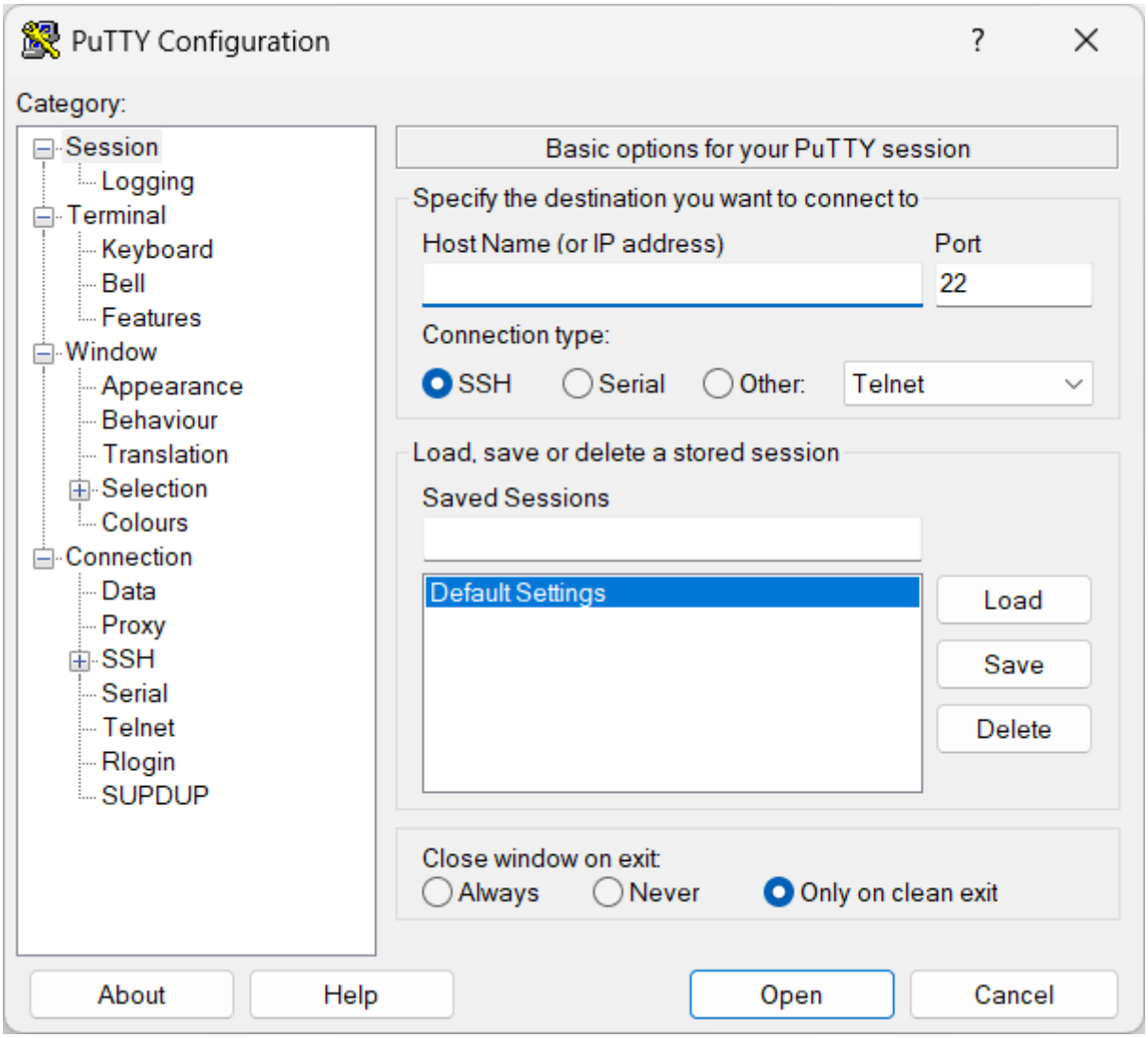
□□ Step 1: Download PuTTY

1. Open this link in your browser: https://putty.org/index.html
2. Click the **“Download PuTTY”** link.
3. Choose the correct installer for your computer:
   - **Windows 64-bit** (most common): `putty-64bit-installer.msi`
   - **Windows 32-bit** (older PCs): `putty-32bit-installer.msi`
4. Download and run the installer.
   Keep all default settings and finish the installation.



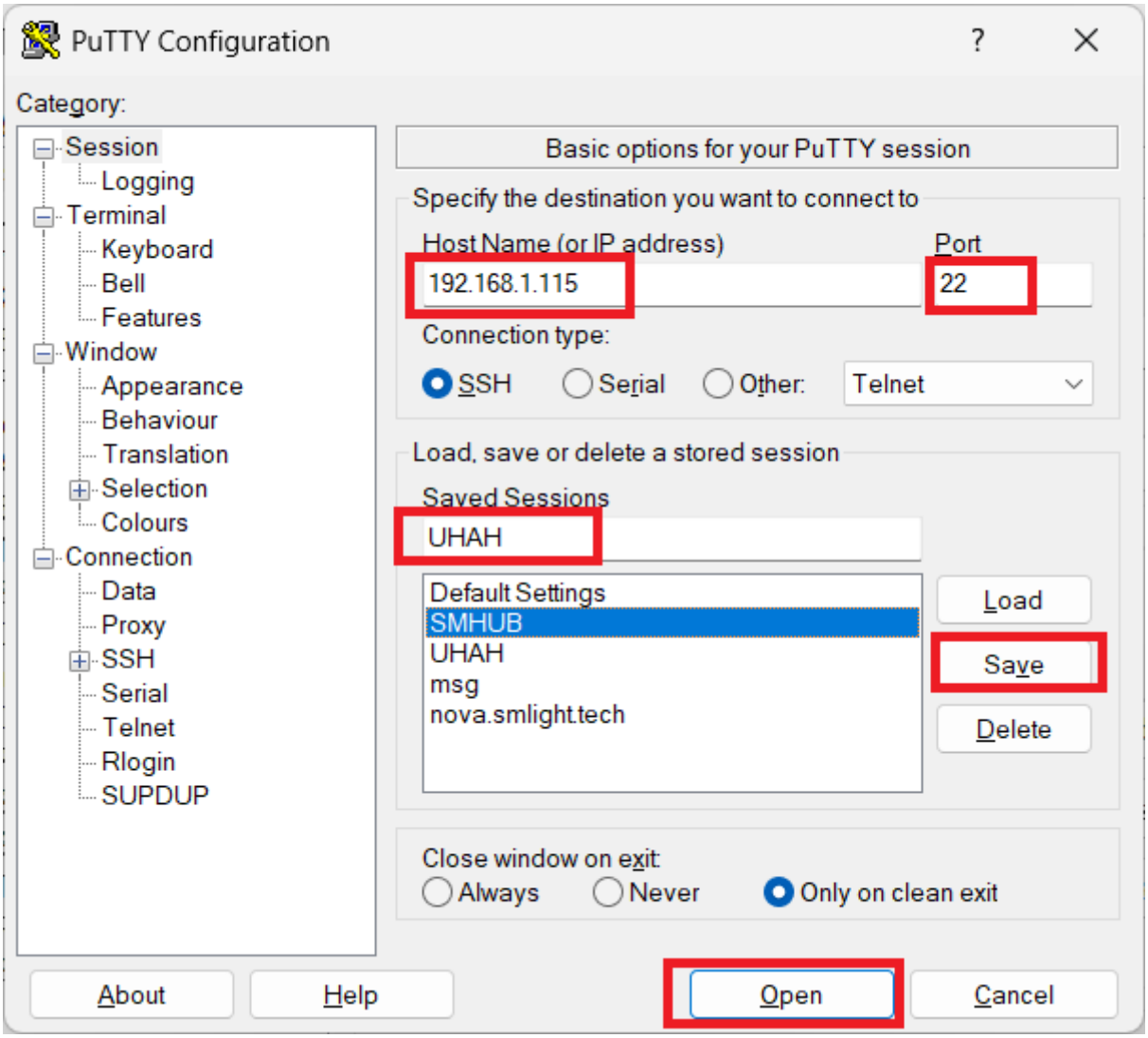
□□ Step 2: Open PuTTY

1. After installation, open the **PuTTY** program.
   You will see the main configuration window.



Step 3: Enter SMHUB IP Address

1. Start your SMHUB. Wait until Blue LED chase effect stops (for firmwares >0.2.x). This means that SMHUB is ready for SSH connection.
2. In the **“Host Name (or IP address)”** field, type your SMHUB’s IP address.
   - Example: `192.168.1.115`
3. Make sure **Port** is set to **22**.
4. Ensure **Connection type** is set to **SSH**.
5. Click the **“Open”** button.
6. Optionally, Save your settings for future use.



> 🔲 *If you don't know your SMHUB IP, you can usually find it in your router's "Connected Devices" list, under a name like* `smhub.local`*. Instead of IP address, in PuTTY Host Name, you can enter* `smhub.local` *. It will work, if your network supports mDNS. If your network does not support mDNS, IP address like* `192.168.1.115` *should be used.*

🔲 Step 4: Accept Security Warning

1. The first time you connect, a **security alert** may appear.
   Click **"Yes"** to trust this device.

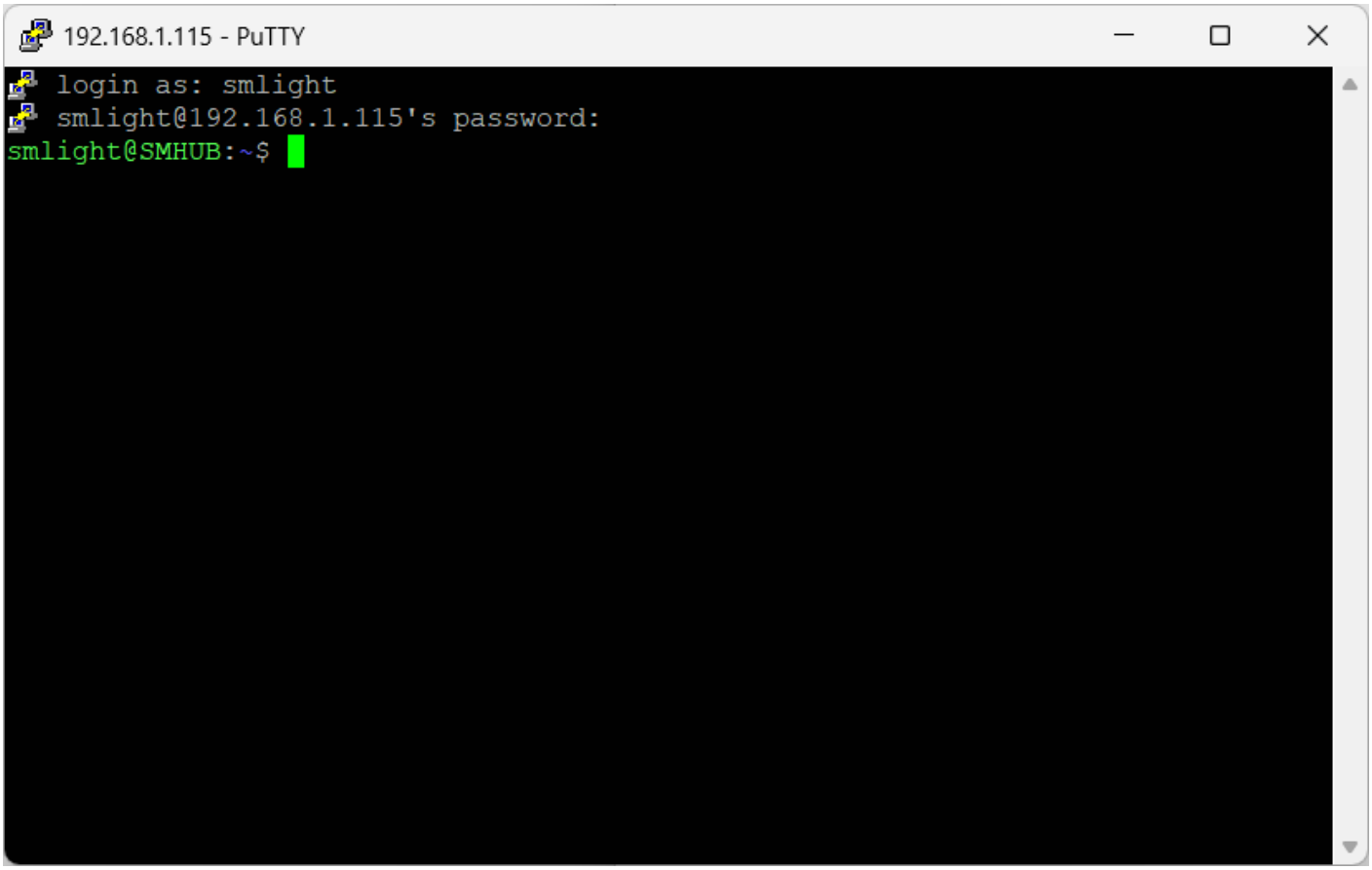
□□ Step 5: Log In

When the black terminal window opens:

1. At the prompt `login as:`, type:

   `smlight`
2. When asked for **password**, type:

   `smlight`
   (Note: you will not see any stars or dots while typing - that's normal.)



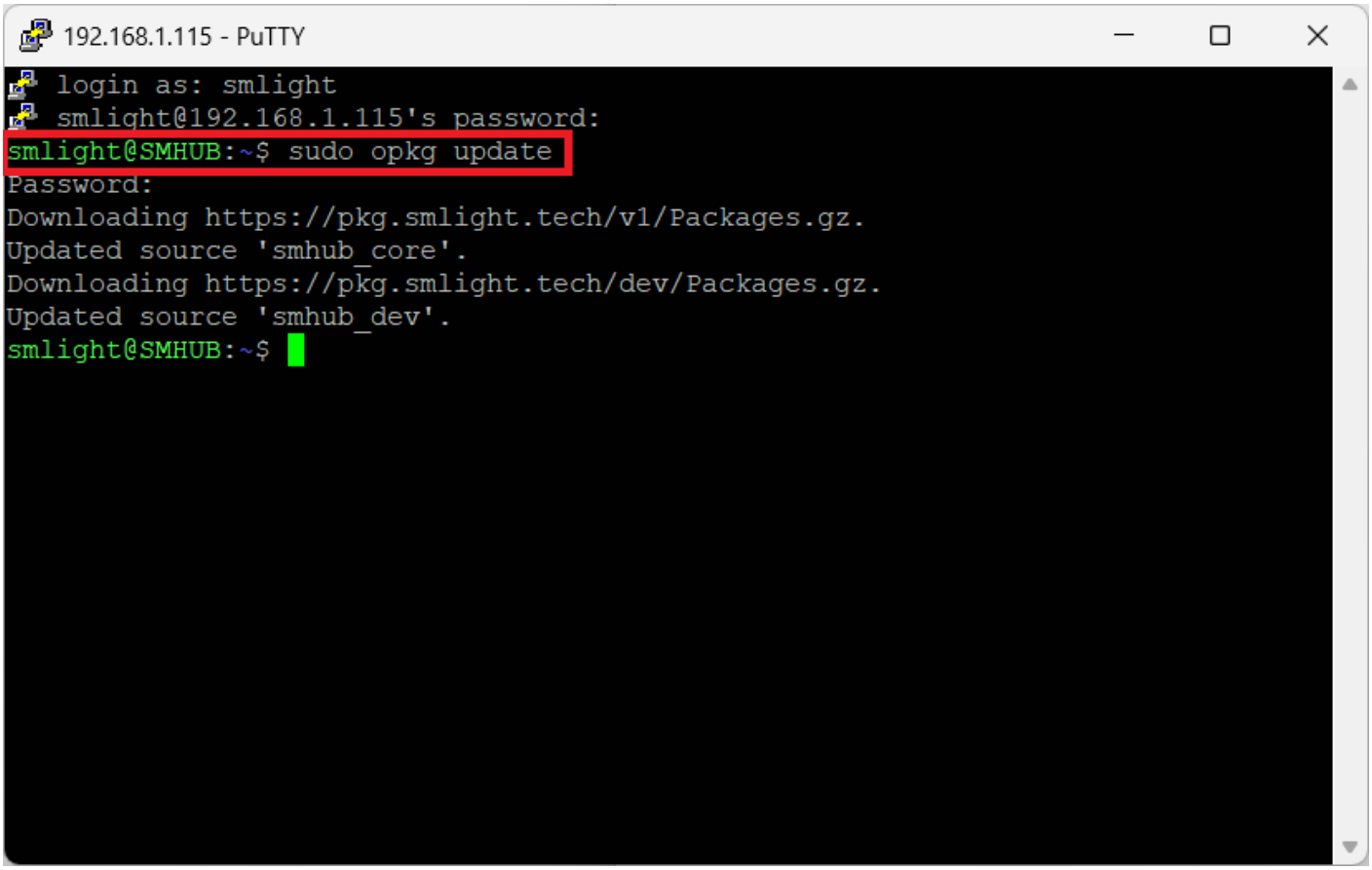
□□ Step 6: Update SMHUB Software

Once logged in, run the following two commands one by one:

1□ Update the package list:

```
sudo opkg update
```

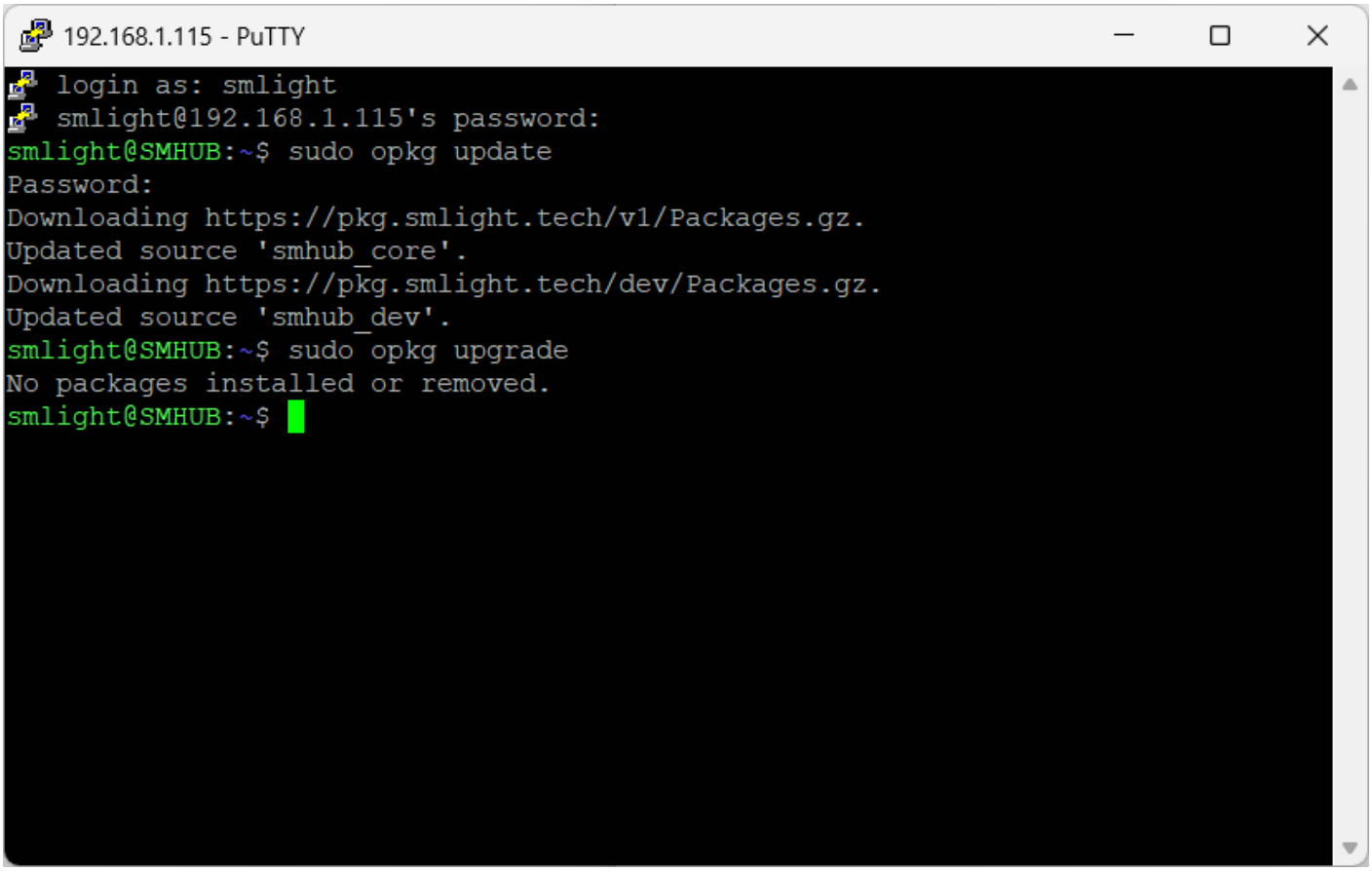
Wait until the command finishes (you will see lines of text ending with “done”). System will ask for password. Please use the same password `smlight`



2 Upgrade all installed packages:

`sudo opkg upgrade`

This may take a few minutes - don’t close the window during the process.



Step 7: Done!

Once finished, type: `sudo reboot now`

You can close the window without any commands as well.

Your SMHUB will reboot.
Your SMHUB is now updated and ready to use

Quick Summary

Action	Command / Button
Login username	`smlight`
Login password	`smlight`
Update packages	`sudo opkg update`

Action	Command / Button
Upgrade packages	`sudo opkg upgrade`
Exit session	`exit`

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