Sophos Firewall API Setup

What is it for?

If you turn on **Set up the Firewall API now and auto-configure** while adding your Sophos device, Useroam does most of the guest Wi-Fi configuration on your device for you: on device creation, RADIUS, web authentication, 5651 log forwarding, walled garden and firewall rules are applied automatically. You do not have to configure each setting in the Sophos interface.

> **How do I open it?** On **Device Selection → New Device**, choose *Sophos* as **Device Type**. The option appears below **Device Address**. The other form fields are explained on Adding a New Device.

When do I use it?

- You are adding a new Sophos device to Useroam and do not want to configure it by hand.
- You want the guest network firewall rules (DNS, Useroam, Internet) to be created automatically.

If the device is already added, manage the API connection on Device Settings → Integrations.

Before you start: preparation on Sophos

These are the steps the **How do I enable Sophos API access?** link in the form refers to. Do this once in the Sophos interface so Useroam can connect to your device:

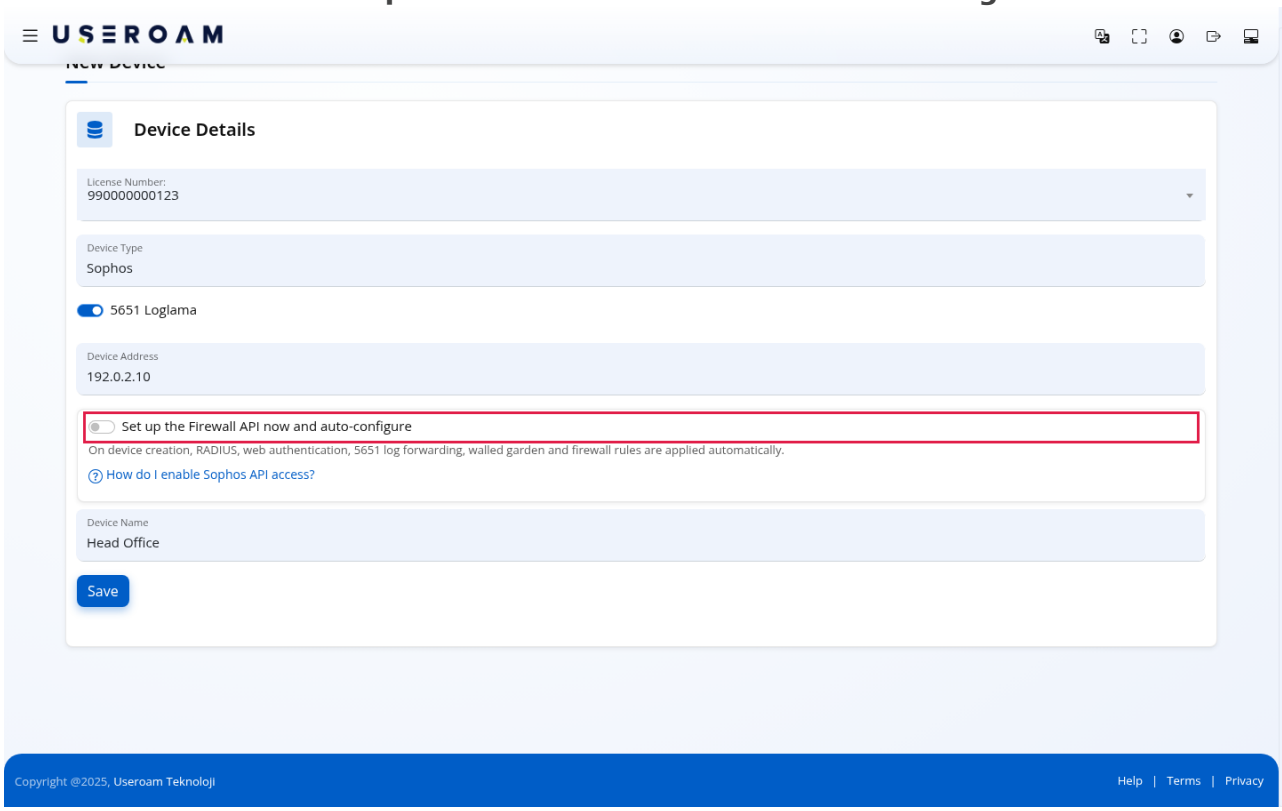
1. In the left menu, under **Profiles → Device Access**, create a new administrator profile with all permissions.

2. Under **Authentication → Users → New user**, create a new user just for this (e.g. *useroam-api*). Choose the profile you just created as the user profile.
3. In **Backup & firmware → API**, tick **API configuration** (*Enabled*). In **Allowed IP address** type **104.247.174.120**, add it with **+** and click **Apply**.
4. Know the device's management port (usually *4444* on Sophos).

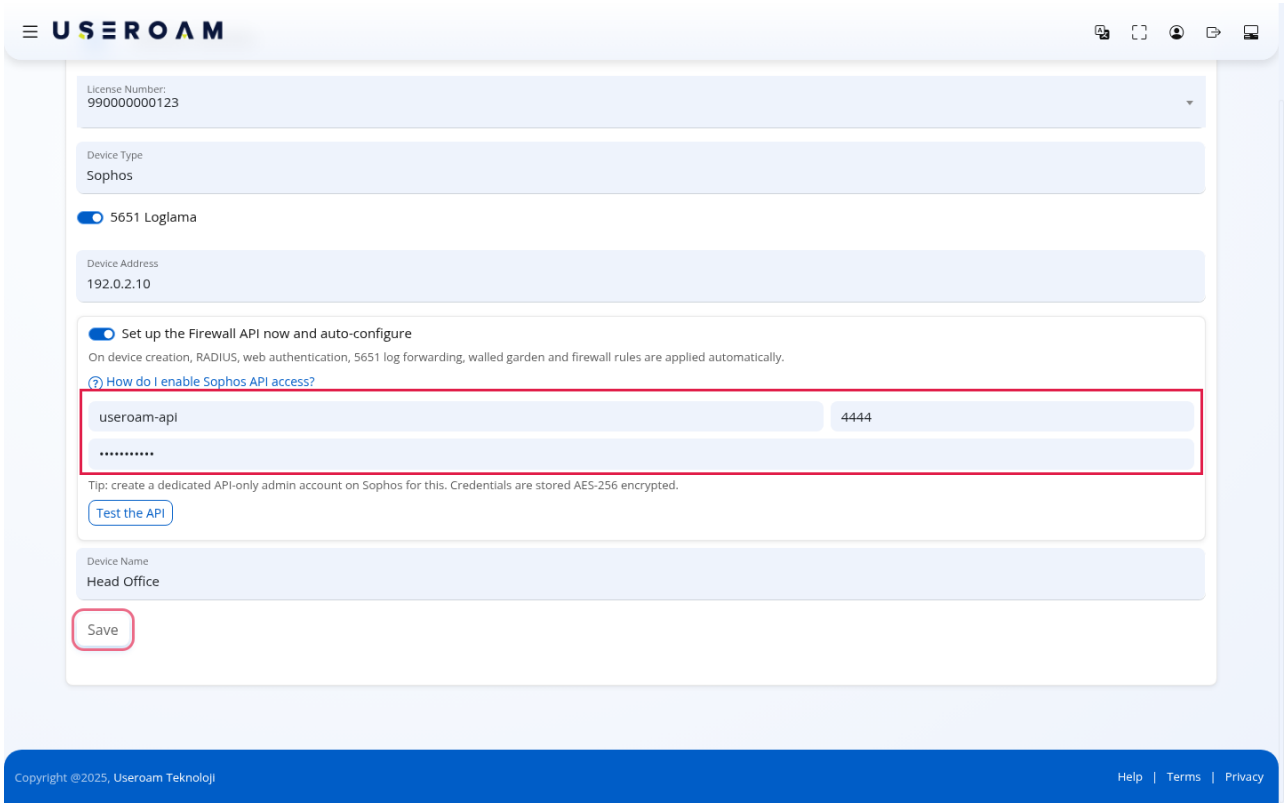
> **Tip:** Create a dedicated API-only admin account on Sophos for this. Credentials are stored AES-256 encrypted. Do not use your everyday admin account.

Step by step

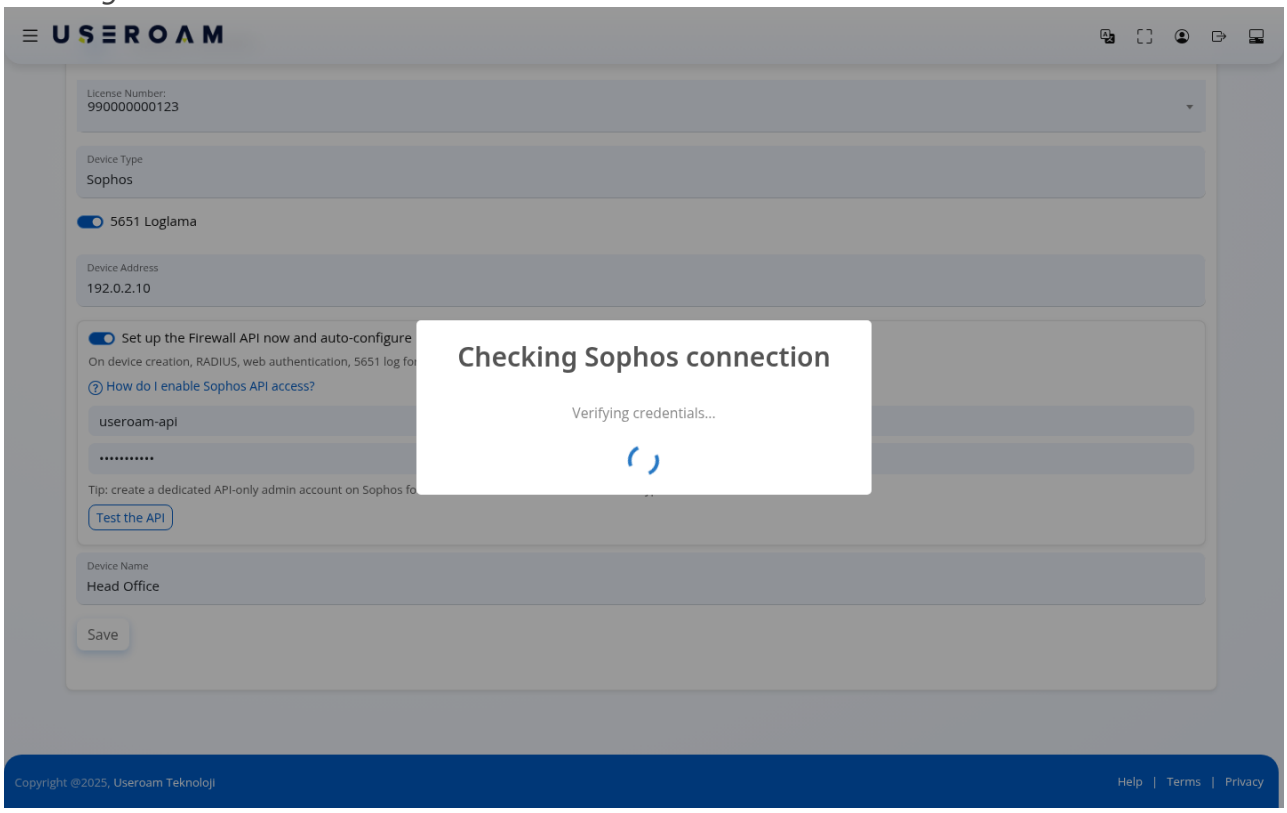
1. In the **New Device** form choose the license, keep **Device Type** as *Sophos*, turn on **5651 Loglama** (5651 logging), type the device's public IP in **Device Address** and a **Device Name**. Then turn on **Set up the Firewall API now and auto-configure**.



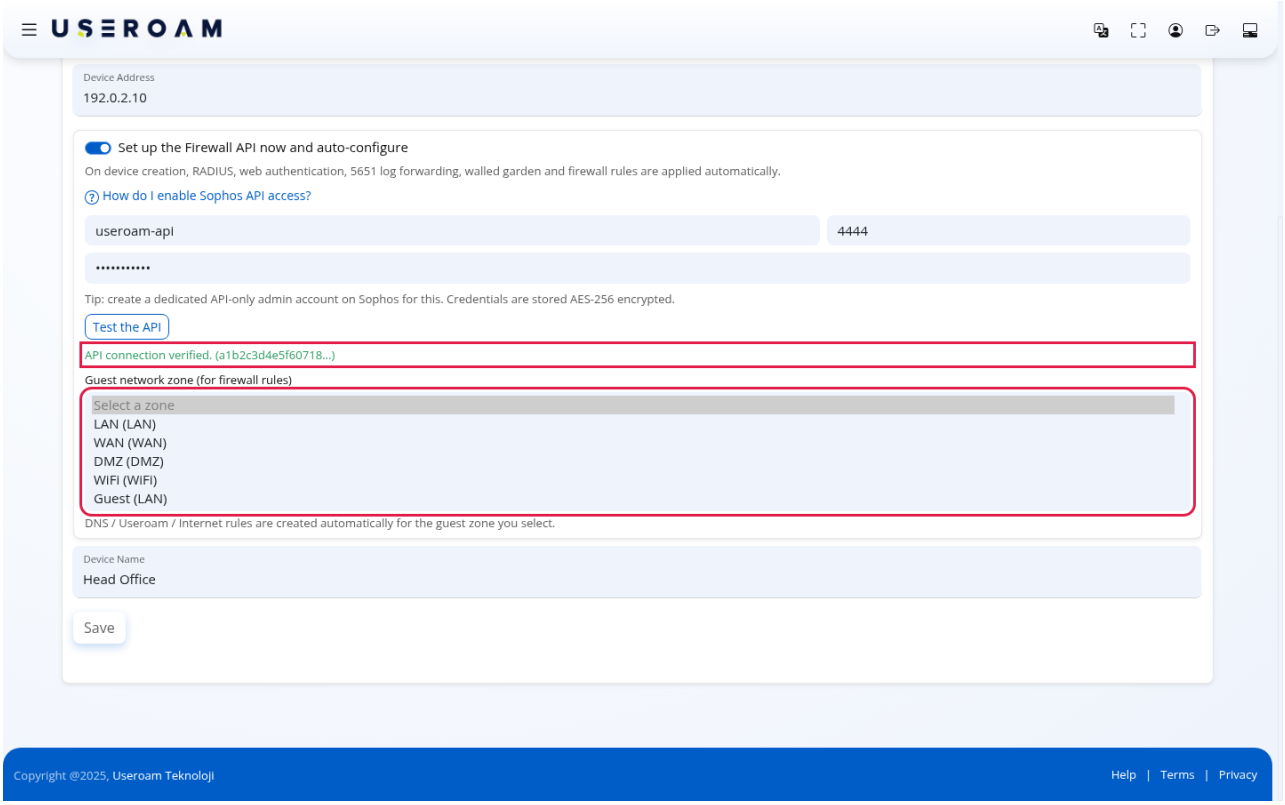
2. In the fields that open, enter the account you created on Sophos: **Sophos admin username**, **Port** (default *4444*) and **Sophos admin password**. At this point **Save** is dimmed; you cannot save before the connection is verified.



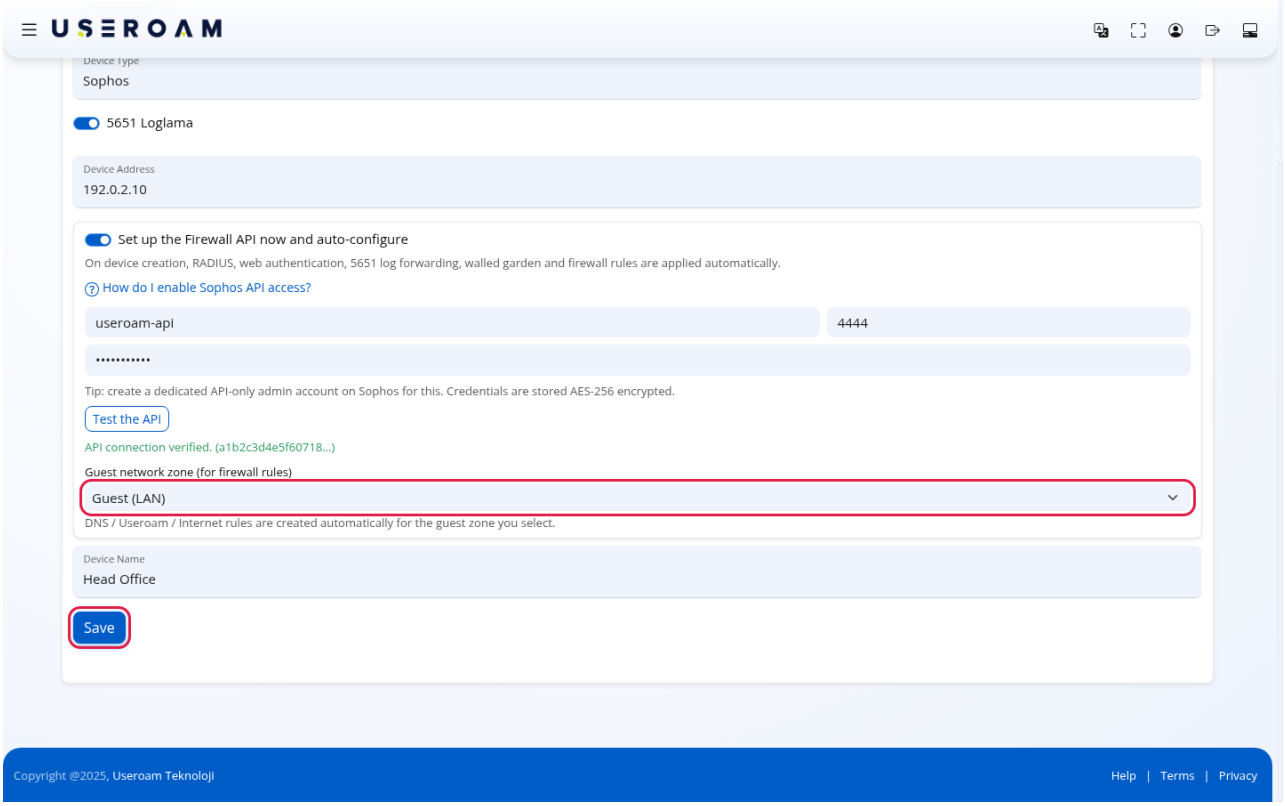
3. Click **Test the API**. The **Checking Sophos connection** window opens and shows the steps *Connecting to device...*, *Verifying credentials...*, *Capturing certificate fingerprint...*, *Reading zone information...* in turn.



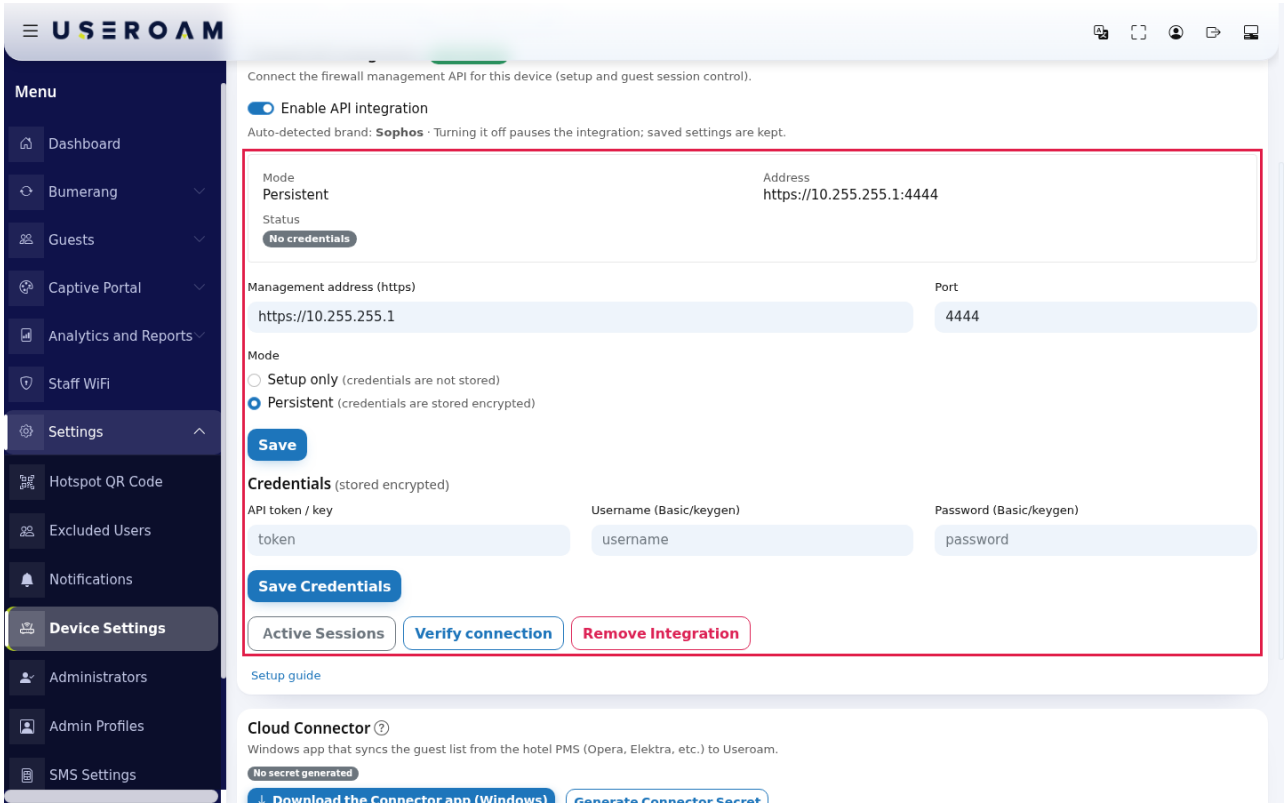
4. If the test succeeds, an *API connection verified.* window shows briefly. Below the button a green *API connection verified.* appears, with the start of the device's certificate fingerprint in brackets. Below it the **Guest network zone (for firewall rules)** list opens, showing your device's zones with their name and type.



5. Choose the zone your guests connect to. DNS / Useroam / Internet rules are created automatically for the guest zone you select. Once a zone is selected, **Save** is enabled; click it and answer **Evet** (yes) to the **Kurulum** (setup) question.

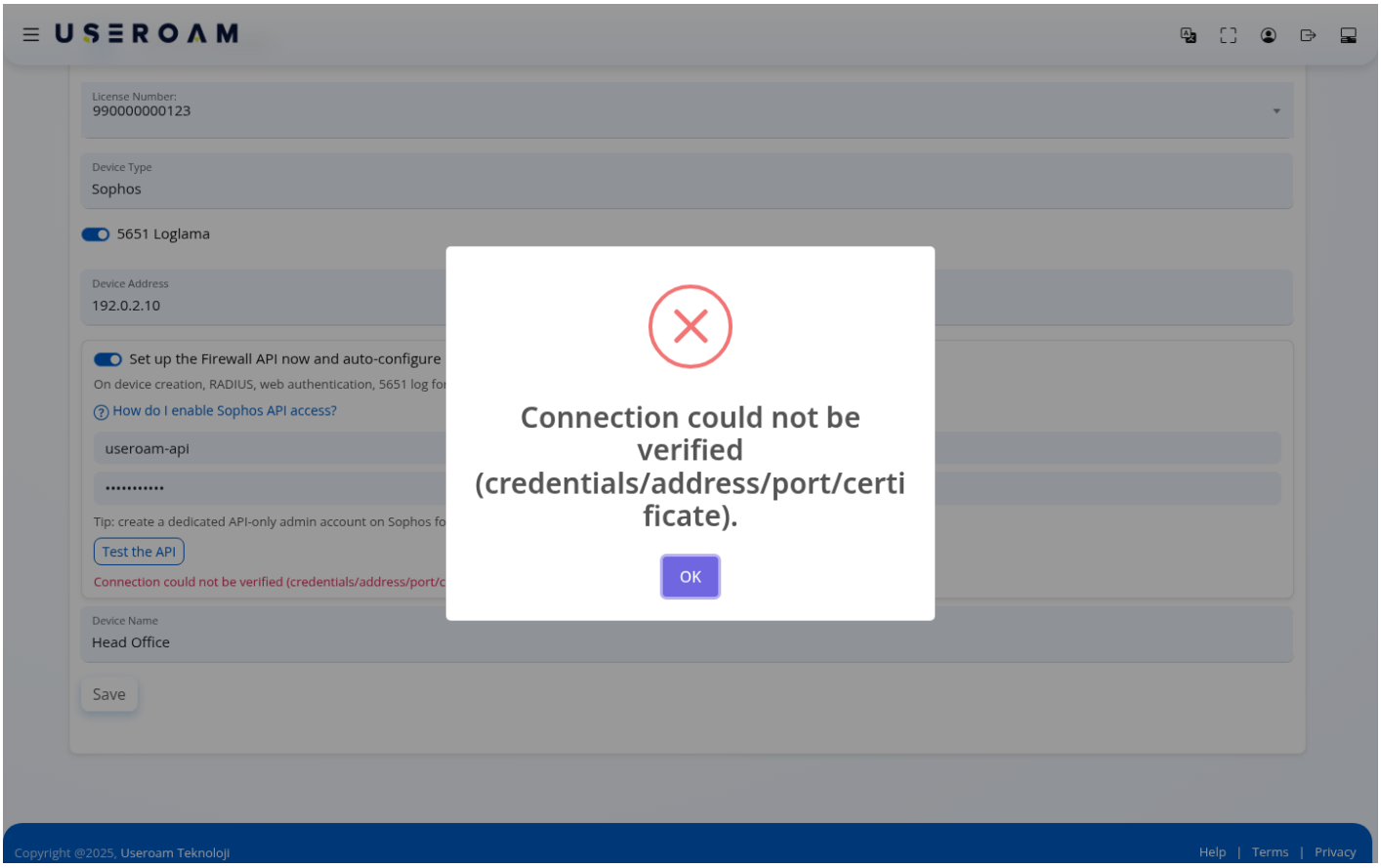


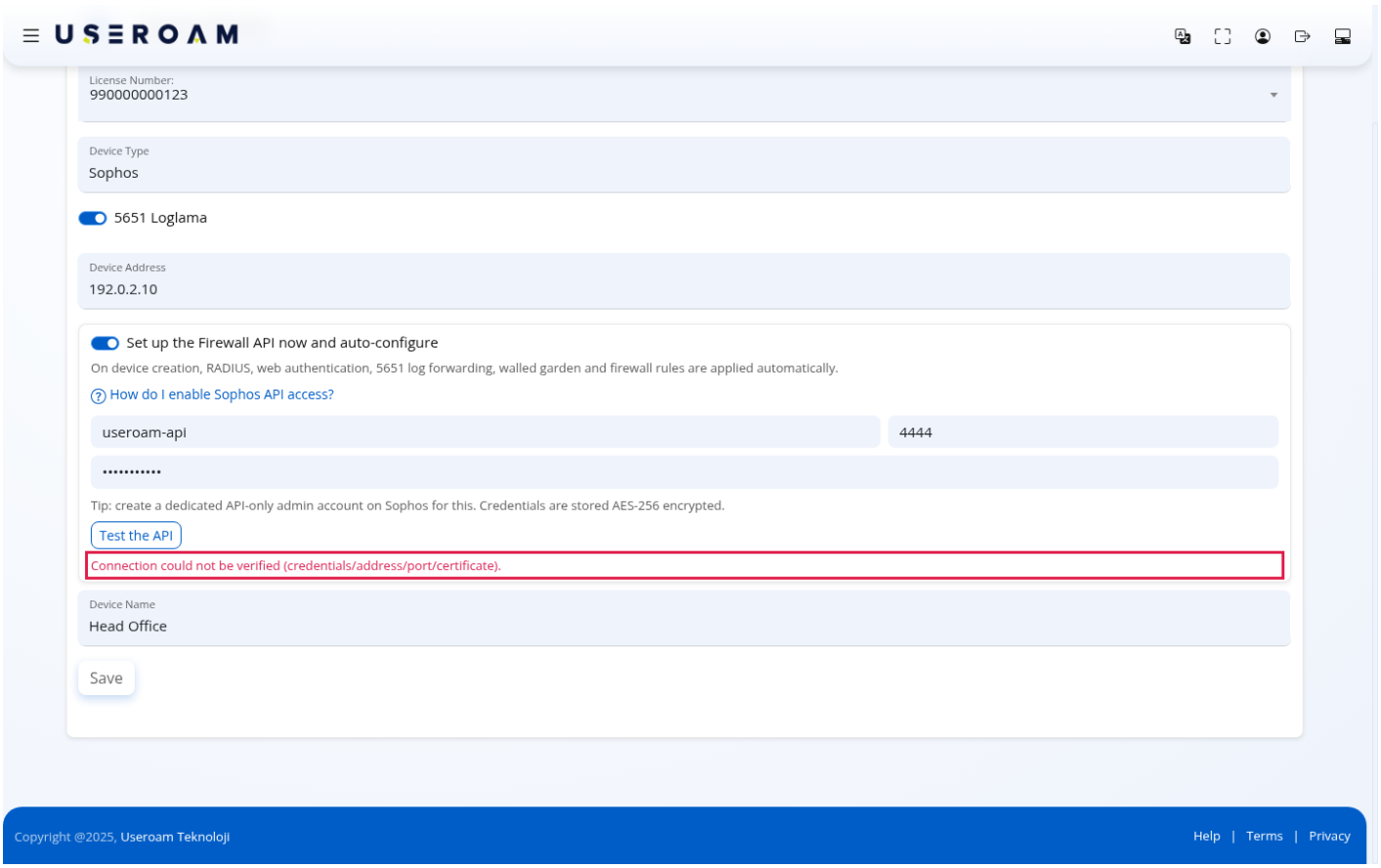
6. When setup finishes, the panel opens **Device Settings**. The coloured boxes at the top show the result of the automatic setup (see the table below). On the **Integrations** tab the integration appears in **Persistent** mode with the **Credentials stored** and (if a fingerprint was captured) **Certificate pinned** badges. In the example view below no credentials were entered yet, so it shows **No credentials**.



If the test fails

If no connection can be made, a *Connection could not be verified (credentials/address/port/certificate).* window appears and the same text shows in red under the button. Close it with **OK**.





Check the following:

- Is **Device Address** the device's public IP?
- Is **Port** the device's management port (usually 4444)?
- On Sophos, is **API configuration** enabled and **104.247.174.120** in the allowed addresses?
- Are username and password right? **Do not retry a wrong password repeatedly**; Sophos may lock the account temporarily.

Every field and button on the screen

Field / Button	What it does	Example
Set up the Firewall API now and auto-configure	When on, the credential fields appear. When off, the device is added without the API.	
How do I enable Sophos API access?	Reminds you of the preparation on Sophos; the steps are at the top of this page.	
Sophos admin username	The user you created on Sophos for the API.	useroam-api
Port	Sophos management port.	4444
Sophos admin password	That user's password. Stored encrypted.	
Test the API	Connects to the device, verifies the credentials, captures the certificate fingerprint and the zone list. If username, password, port or Device Address change, the test result is cleared and you must test again.	
Guest network zone (for firewall rules)	The guest zone the firewall rules are created for. The list shows *Select a zone* by default.	Guest (LAN)
Save	With the switch on, it is enabled only after a successful test and a selected zone.	

Messages

Message	Where	What to do

Host, admin username and password required.	Under Test the API	Fill in Device Address, username and password.
API connection verified.	Window and under the button	Choose a zone.
Connection could not be verified (credentials/address/port/certificate).	Window and under the button	Go through the checklist above.
First verify the connection with Test the API.	*Sophos API access* window	Click **Test the API**.
Auto-setup applied: RADIUS server, Web authentication, ...	Top of Device Settings (green)	The listed steps were done on the device.
Failed (verify on device): ...	Top of Device Settings (red)	The listed steps could not be done. Do them on the device by hand as in the Sophos setup guide.
Manual steps remaining: ...	Top of Device Settings (yellow)	For example *Captive portal HTML (paste from panel Template)*, *Move Useroam to top of auth methods*, *Firewall rules (guest zone unclear)*. Do these on the device yourself. The captive portal code is on Device Settings → Setup.
TLS certificate fingerprint pinned: ...	Top of Device Settings (green)	For information. If the device's certificate changes, the connection is refused.
Firewall API connection could not be verified (credentials/address/certificate). Config saved; retry from the /device card.	Top of Device Settings (red)	The device was added but the API could not connect. Retry with **Verify connection** on the **Integrations** tab.
Firewall API: admin credentials missing, setup skipped.	Top of Device Settings (red)	The device was added without the API. Set up the connection from Device Settings.

What does the automatic setup do?

- **RADIUS server**: adds Useroam to your device as the authentication server.
- **Web authentication**: sets up redirecting guests to the login page.
- **5651 log forwarding (Syslog)**: only if **5651 Loglama** is on, sets up sending the device's logs to Useroam.
- **Walled garden (allowed addresses)**: allows the addresses that must open before the guest logs in.
- **Firewall rules**: only if you chose a zone, creates DNS, Useroam and Internet rules for that zone.

- **Captive portal HTML**: uploads the login page code to the device.

After setup, the boxes at the top of Device Settings tell you which of these succeeded.

Frequently asked questions

I cannot click Save.
With the switch on, Save is enabled only after **Test the API** succeeds and a zone is selected. If you do not want to set up the API, turn the switch off.

No zone list appeared.
If the test succeeded but no zones could be read, the list is not shown. If **Save** stays disabled, turn the switch off and add the device without the API; set up the API later from Device Settings and create the firewall rules on the device by hand.

Is my password safe?
Credentials are stored AES-256 encrypted. Still, use a separate account just for the API.

I already added the device. Can I set up the API later?

Yes. Use the Device Settings → Integrations → Firewall API Integration card.

Related pages

- Adding a New Device
- Device Settings
- Sophos Integration Guide

Revizyon #1
tugay tarafından 25 Eylül 2026 21:05:10 oluşturuldu
tugay tarafından 25 Eylül 2026 21:05:10 güncellendi