

UniFi Gateway

For the Screen Smart Family

March 2025

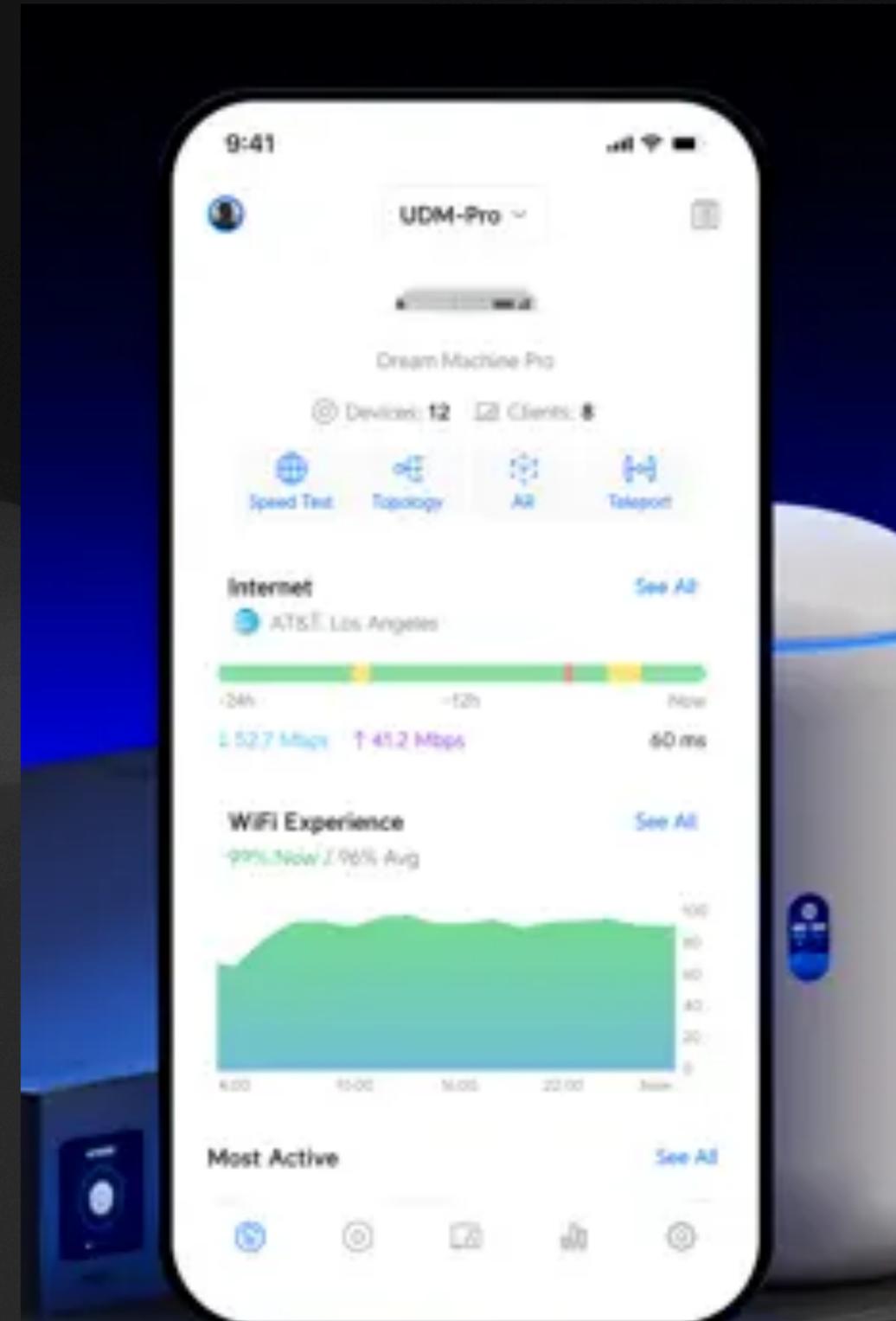
Topics

- Install the gateway
- Enable basic Protection
- Block apps
- Lock down a Smart TV

Install the Gateway

Install UniFi App

- Apple App Store
- Google Play



Plug it In

We are using a UniFi Express 7

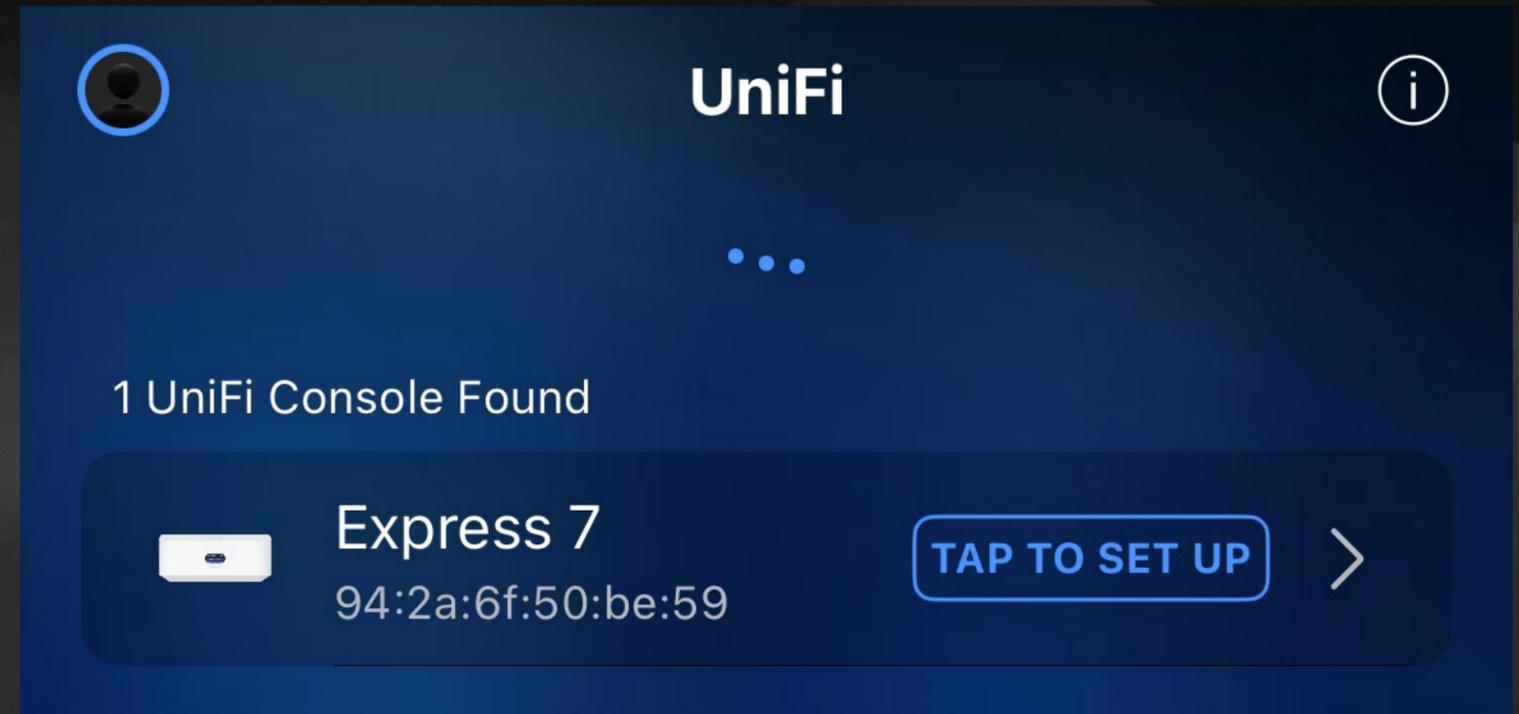
Other models will look slightly different

- Connect your Internet providers cable into the WAN port. On the UX7 it has a blue globe icon
- If you have a computer or switch to wire in, connect it to the LAN <- -> port
- Connect power



Setup Console

- Once you have the UniFi Gateway connected, open the UniFi app
- It should discover the device, and then click “Tap to Set Up”



Setup Console

- Give the gateway a name
- Enter a name for the Wi-Fi
- Enter a password for the Wi-Fi

Name Your Express 7



Name

Screen Smart Family Demo

WiFi Setup

Name (SSID)

Our Home Wi-Fi

Password



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Next

Setup Console

- Create a UI Account if you'd like to be able to control your Internet when you're away from home
- Tap "Proceed without UI Account" if you prefer to not have remote access

Create a UI Account

Email

Password



Password must have at least 12 characters.

Username



Announcements & Newsletters

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Agree to our [Terms of Service](#) and [End User License Agreement](#).

Create Account

Sign In

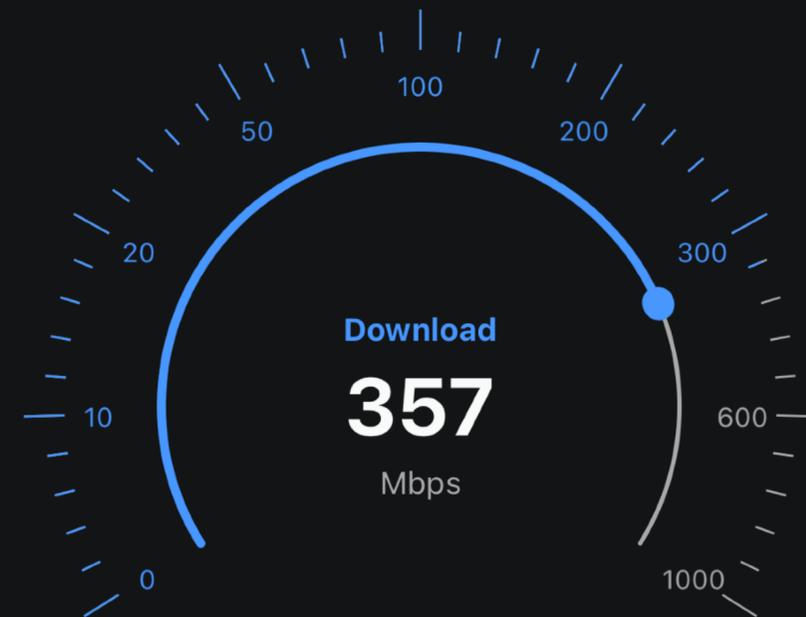
Proceed without UI Account

Setup Console

- The gateway will test your Internet Speeds to calibrate itself

Testing Internet Speeds...

↓ Download ↑ Upload
-- Mbps -- Mbps



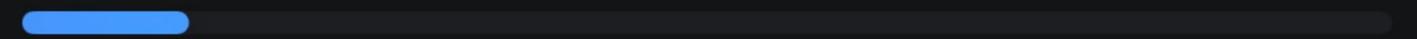
Your Internet Service Provider:
Frontier Networks to FRONTIER server in Canada.

Setup Console

- Wait for the gateway to update and install the latest firmware. This can take several minutes
- Once the update is finished, you may need to connect to the new Wi-Fi network to continue

Updating Firmware...

Updating process can be running in background.

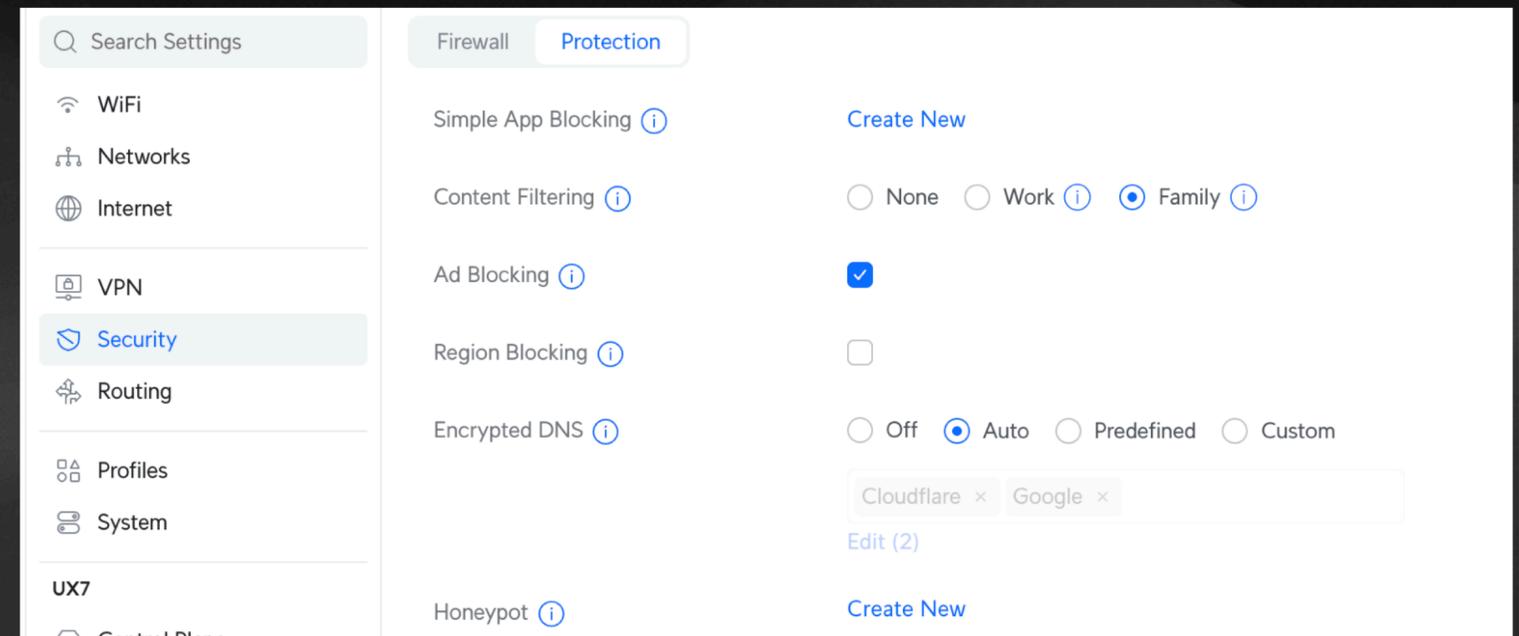
 Applying firmware: About 7 minutes, 10 seconds left

Enable Basic Protection

Enable Content Filtering

Web only

- Access your console via unifi.ui.com or direct by IP, default is 192.168.1.1
- Go to Settings > Security > Protection
- Set Content Filtering to Family
- Enable Ad Blocking
- Enable Encrypted DNS



Enable Active Detections

- Turn on the Intrusion Prevention option
- Set Detection Mode to Notify and Block
- Apply Changes

The screenshot shows the configuration page for Intrusion Prevention. The 'Intrusion Prevention' toggle is set to 'On'. The 'Selected Networks' dropdown is set to 'Default'. The 'Detection Mode' is set to 'Notify and Block'. The 'Active Detections' section lists five categories: Botnets and Threat Intelligence (3 of 3), Virus, Malware and Spyware (3 of 3), Hacking and Exploits (3 of 3), Peer to Peer and Dark Web (3 of 3), and Protocol Vulnerabilities (1 of 1). There are also links for 'Detection Exclusions', 'Create New', and 'Reset to Defaults'.

Intrusion Prevention [i](#) Off On

Selected Networks [i](#) Default [x](#)
[Edit \(1\)](#)

Detection Mode [i](#) Notify Notify and Block

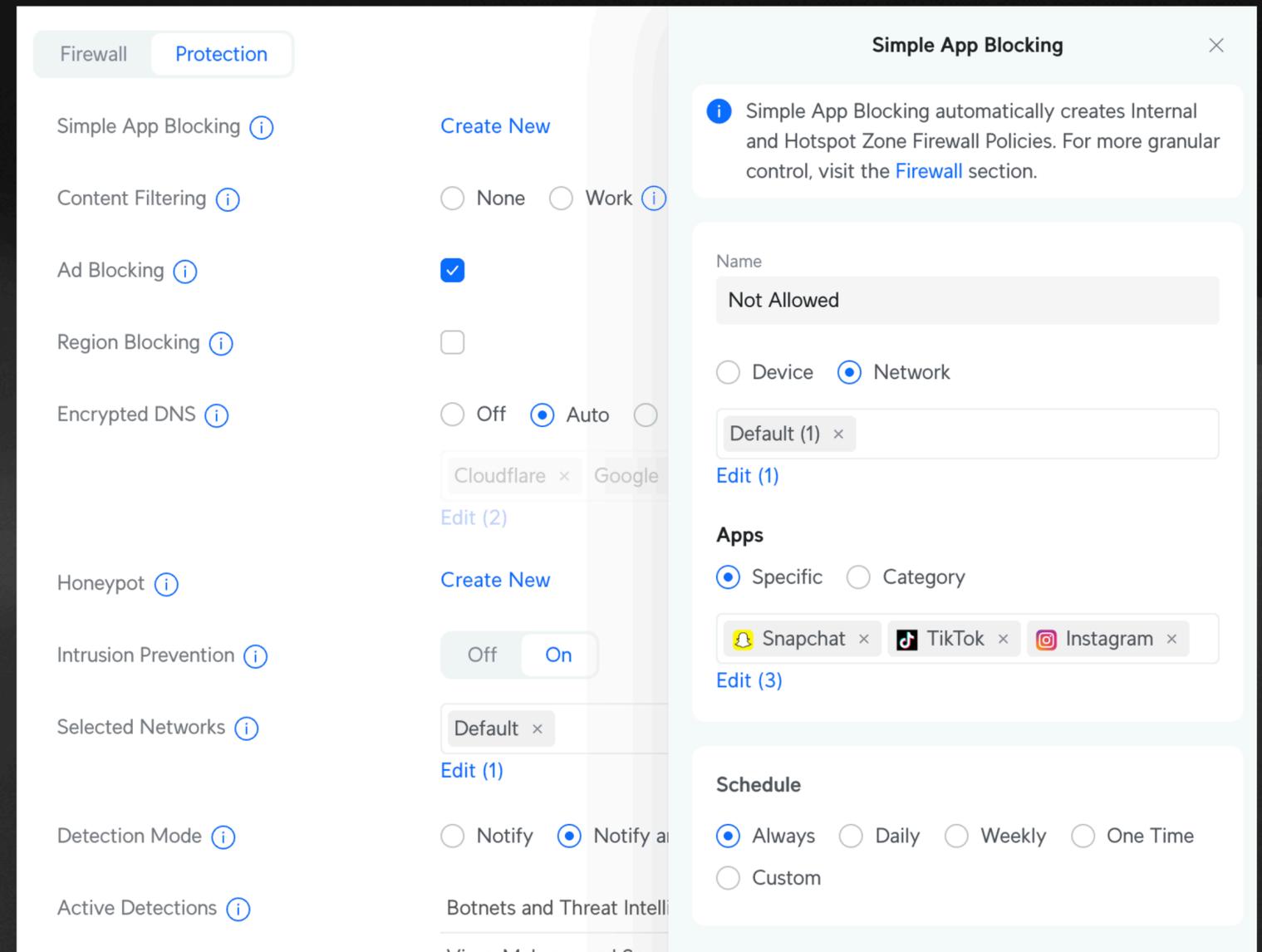
Active Detections [i](#)

Botnets and Threat Intelligence i	3 of 3
Virus, Malware and Spyware i	3 of 3
Hacking and Exploits i	3 of 3
Peer to Peer and Dark Web i	3 of 3
Protocol Vulnerabilities i	1 of 1

Detection Exclusions [i](#) [Create New](#)
[Reset to Defaults](#) [i](#)

Block Apps

- At the top, see Simple App Blocking, and click Create New
- Enter a rule name, and select either device to apply to one or more devices, or network
- Select specific apps or app categories to block
- If desired set a schedule, and click Add

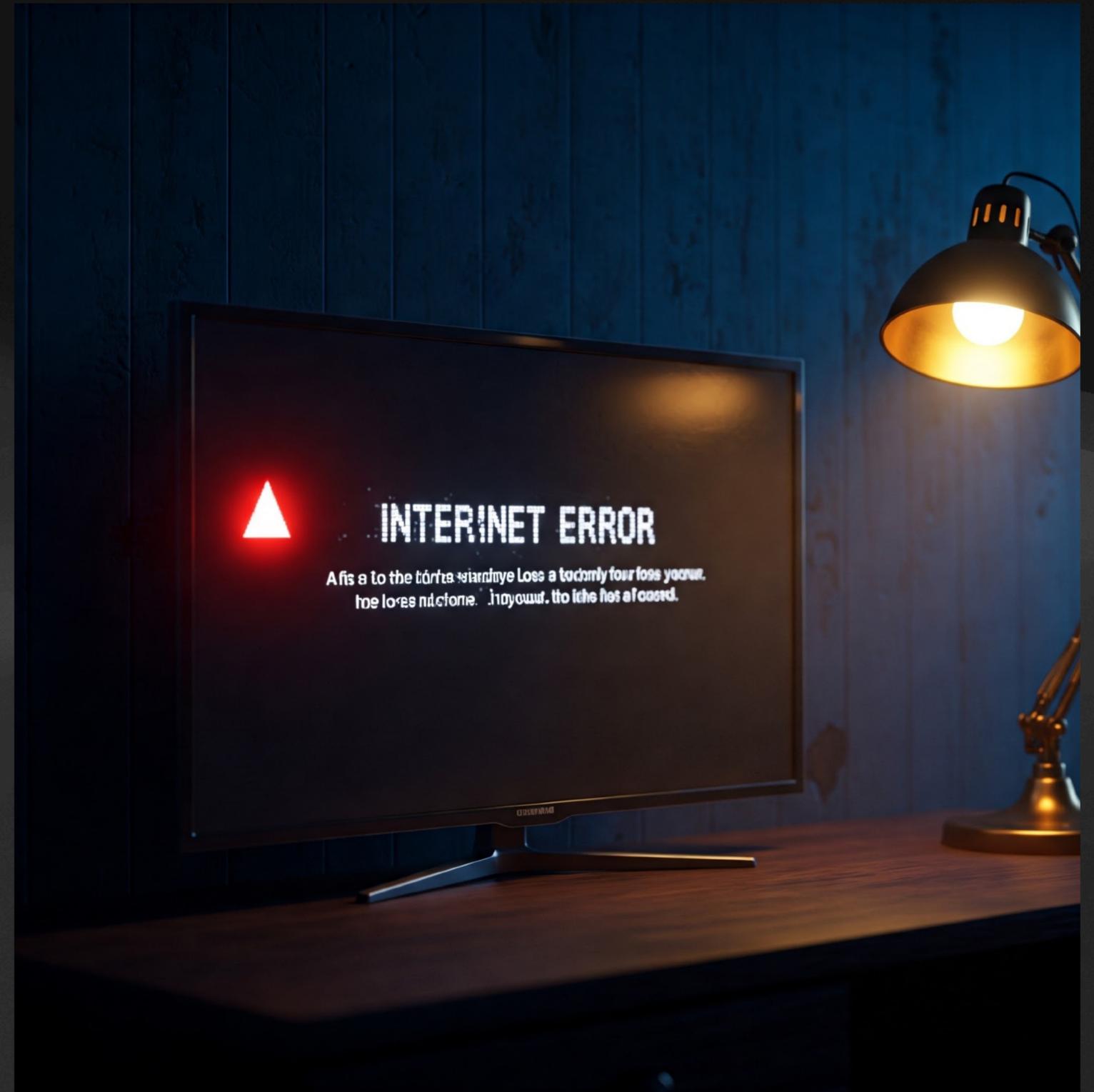


Smart TVs

Option 1

Block Internet

- Allows you to Airplay content to the TV, and use HDMI
- No streaming apps or content will load on the TV
- You can use a schedule



Option 1

Block Internet

- Go to Settings > Security > Firewall
- At the bottom click Create Policy
- Give it a name, source zone should be Internal
- Select Device, and find the TV in the device list
- Action should be Block, and Destination Zone, External
- At the bottom you can set this rule on a schedule if desired, then click Add

The screenshot shows the 'Firewall Protection' interface with a 'Create Policy' dialog box open. The dialog is configured as follows:

- Name:** Block TV Internet
- Source Zone:** Internal
- Source:** Device (Samsung TV)
- Action:** Block
- Destination Zone:** External

The background interface shows a table of source zones and a list of firewall policies.

Source	Action	View
Internal	Allow All	View
External	View Policies (3)	View
Gateway	Allow All	View
VPN	Allow All	View
Hotspot	Allow Return Traffic	View
DMZ	Allow Return Traffic	View

Name	Action	IP
Allow Neighbor Advertisements	Allow	IP
Allow Neighbor Solicitations	Allow	IP
Allow Return Traffic	Allow	B
Allow mDNS	Allow	B
Block Invalid Traffic	Block	B
Allow All Traffic	Allow	B
Block All Traffic	Block	B

Option 2

Block some Streaming Apps

- You might want to block apps like Netflix or Google TV, but allow RightNow Media
- This rule can also be run on a schedule



Option 2

Block some Streaming Apps

- Go to Client Devices
- Click on your TV, and then the settings gear tab
- Under Simple App Block, click Create

The screenshot shows a network management interface. On the left, a table lists client devices:

Name	Vendor	Connection	Network	WiFi
Mac	Apple, Inc.	Screen Smart Fa...	Default	Our Home ...
Samsung TV	Samsung ...	Screen Smart Fa...	Default	Our Home ...

The right panel shows the settings for the selected Samsung TV. It includes a settings gear icon, a Name field (Samsung TV), a Note field, a WiFi Speed Limit dropdown (set to None), and a checkbox for Lock to Access Point. Below these are sections for IP Settings (Fixed IP Address and Local DNS Record) and Simple App Block. The Simple App Block section contains an information icon and a message: "Restrict Samsung TV from accessing applications by creating a Simple App Block." A "Create" button is located at the bottom of this section.

Option 2

Block some Streaming Apps

- Select Specific apps, and add all the streaming services on the TV that you'd like to block
- If desired configure a schedule at the bottom, and click Add

i Simple App Blocking automatically creates Internal and Hotspot Zone Firewall Policies. For more granular control, visit the [Firewall](#) section.

Name
Block Undesired Streaming Apps

Device Network

 Samsung TV ×

[Edit \(1\)](#)

Apps

Specific Category

 Netflix ×  YouTube ×

 YouTube Kids ×  Amazon Video × +1

[Edit \(5\)](#)

Schedule

Always Daily Weekly One Time

Built-in TV Parental Controls

- Most built-in parental controls on a TV are weak with limited options
- Use them to the best of your ability, and for the rest use a wi-fi filter such as UniFi Gateway



Thank you

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