Shield Monitoring Ranges

Chrome Audit & Management · https://gatlabs.com/knowledge/tech-tips/monitor-chrome-devices-by-serial-number/

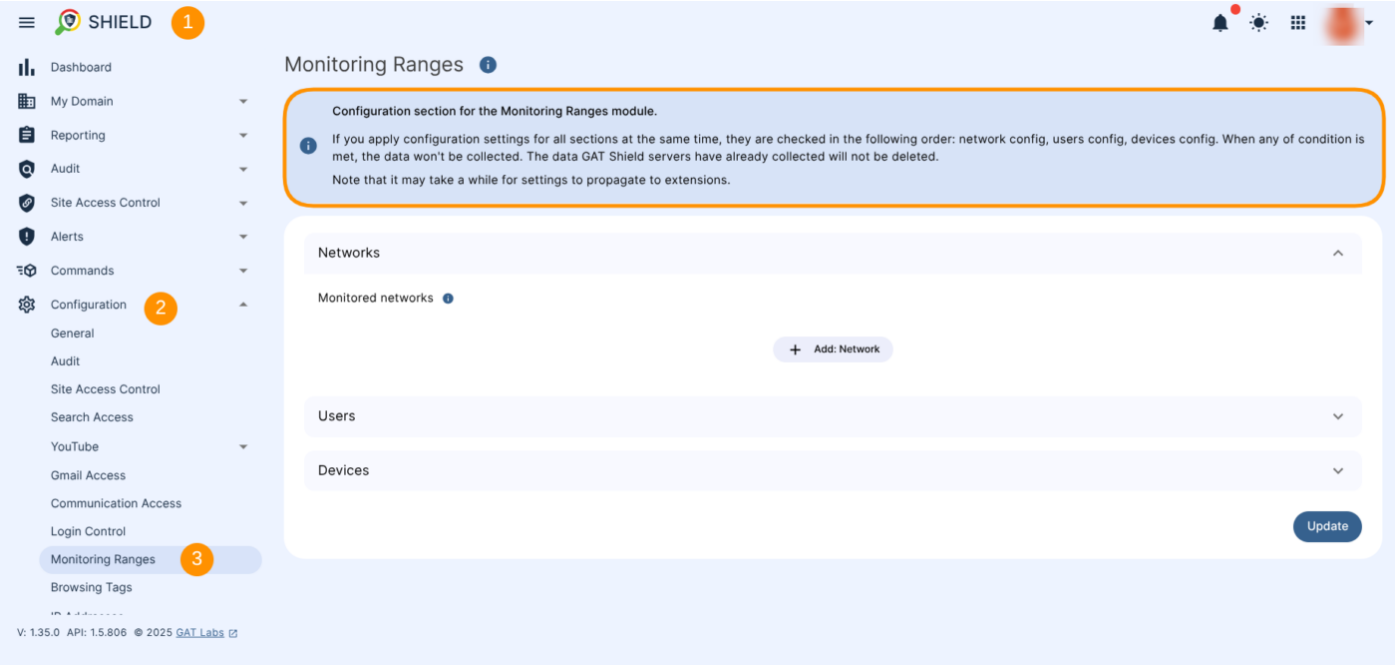
Introduction

GAT Shield is a chrome extension deployed to domain users. This extension allows the Google Workspace Super Admins to view and audit the browsing activity of the entire domain users.

It is a DLP solution for a Google Workspace domain, allowing Google Admin to set up and use the tool as a Web Filter for the users and enabling Alerts to be generated based on the user browsing behavior while using GAT Shield in the **Chrome browser.** Admin can define what data will be monitored on the deployed extension.

Admins can choose to monitor users by **Networks**, **Users**, and **Chrome Devices.**

Navigate to **GAT Shield > Configuration > Monitoring Ranges**



If you apply configuration settings for all sections at the same time, they are checked in the following order: network config, users config, devices config. When any of condition is met, the data won't be collected. The data GAT Shield servers have already collected will not be deleted.

Note that it may take a while for settings to propagate to extensions.

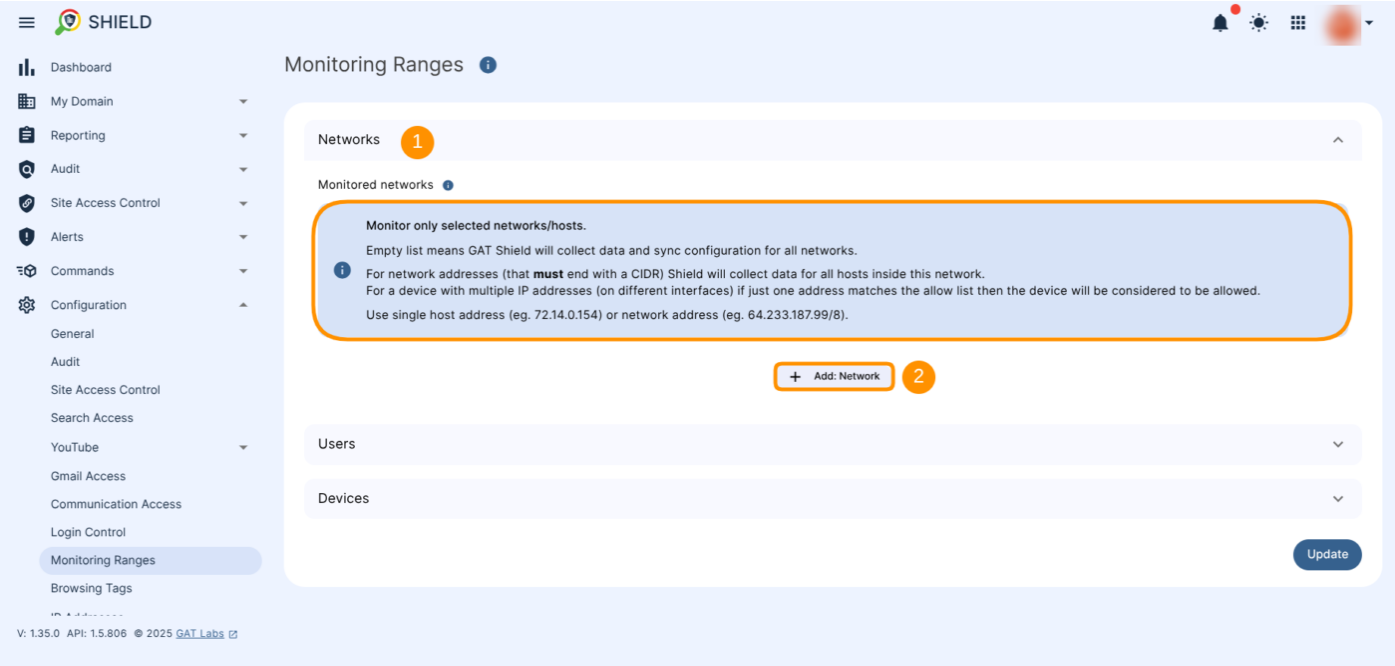
Networks monitoring

Admin can select **Monitored Networks - Allowlist.**

Monitored networks

- Monitor only selected networks/hosts.

  Empty list means GAT Shield will collect data and sync configuration for all networks.
- For network addresses (that must end with a CIDR) Shield will collect data for all hosts inside this network.
- For a device with multiple IP addresses (on different interfaces) if just one address matches the allow list then the device will be considered to be allowed.
- Use single host address (eg. 72.14.0.154) or network address (eg. 64.233.187.99/8).



- Use **+Add: Network** button (2) to configure the settings for monitored networks.

Users monitoring

Under the Users section (1) fill in the details for **Monitored users (2)** to define the monitoring range of users.

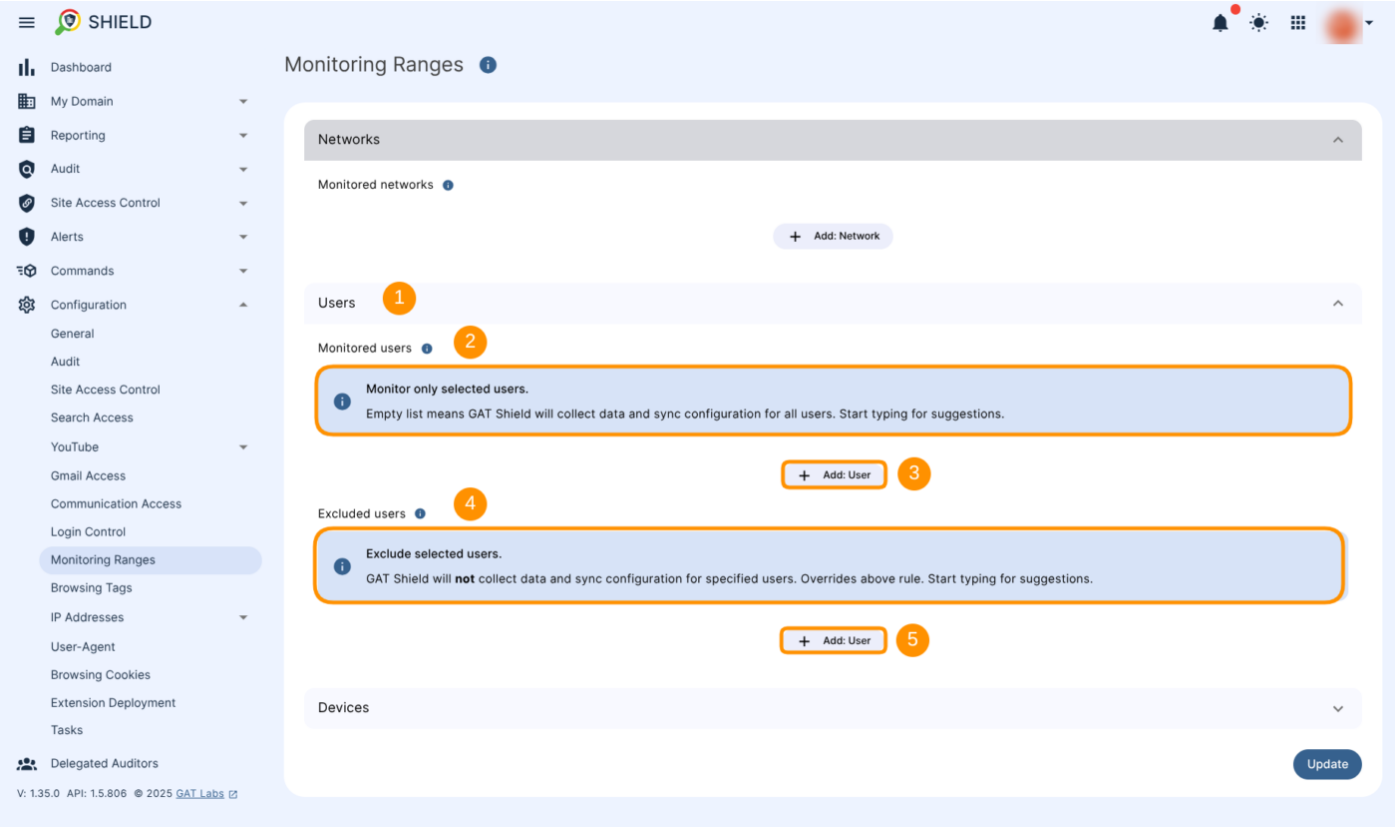
Monitor only selected users

- Empty list means GAT Shield will collect data and sync configuration for all users.
- To customise the scope of monitored users, use **+Add: User** button (3). Start typing for suggestions.

Excluded users

Use the **Excluded users** section (4) to define users who will not be monitored

- If set GAT Shield will NOT collect data and sync configuration for users specified. Overrides above rule.
- Use **+Add: User** button (5) to configure settings for users excluded from monitoring. Start typing for suggestions.



Devices monitoring

Admins can select to monitor their environment by Devices (1), based on the device serial number. Select all registered Chrome devices at once. This is particularly useful for schools as it allows Admins only to monitor activity on school-owned Chromebooks.

Monitored devices (2)

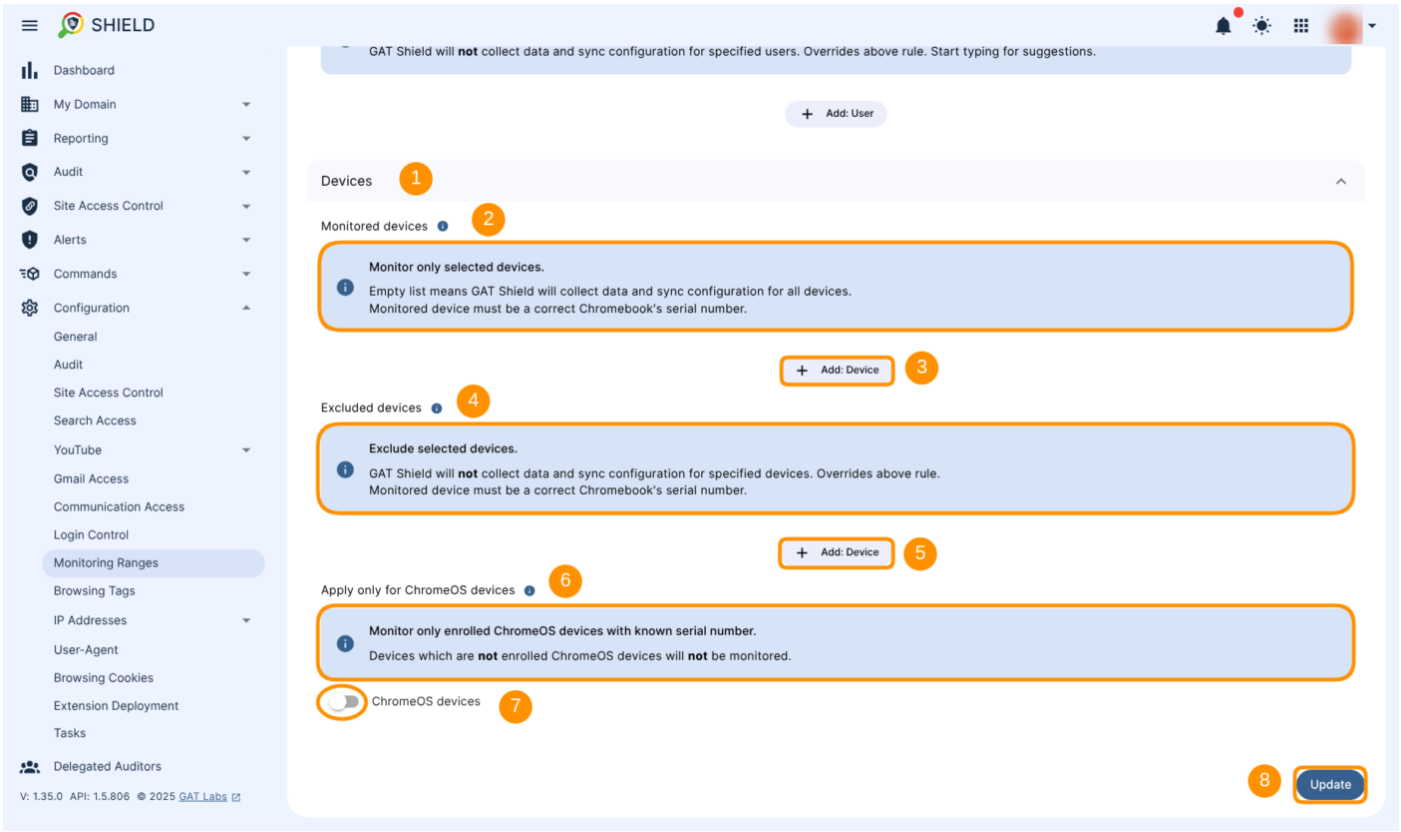
- Empty list means GAT Shield will collect data and sync configuration for all devices, else only specified.
- Monitored device must be a correct Chromebook's serial number.
- Use **+Add: Device** button (3) to configure settings for monitored devices.

Exclude devices (4)

- If set, GAT Shield will NOT collect data and sync configuration for devices specified. Overrides the above rule.
- Use **+Add: Device** button (5) to configure settings for devices excluded from monitoring.

Apply only for ChromeOS devices (6 - 7)

- Monitor ONLY enrolled ChromeOS Devices with known serial numbers. **Devices that are NOT enrolled in ChromeOS devices will NOT be monitored.**



Click on the **Update** button (8) to save the settings.