Filter by IP Mapping

URL Filtering · https://gatlabs.com/knowledge/tech-tips/filter-by-ip-mapping/

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IP Mapping is the action of **assigning** a **custom name to an IP Address.**

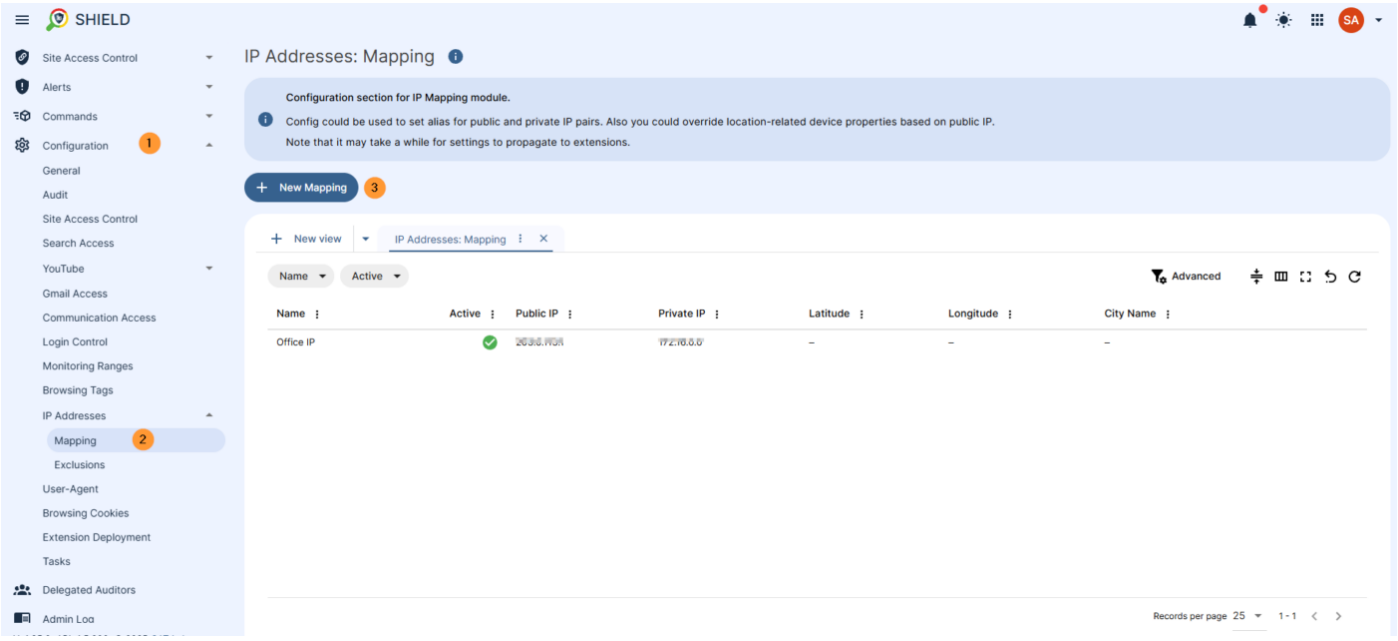
This is a filter that can be created by **assigning** a **custom name** (text) to an **IP address.**

- **Device private. IP v4 mapping**
- **Device public. IP v4 mapping**

It can be used to filter IP address data by searching for the custom name instead of the IP address itself.

Create IP Mapping

Navigate to **Shield > Configuration > IP Addresses > Mapping**



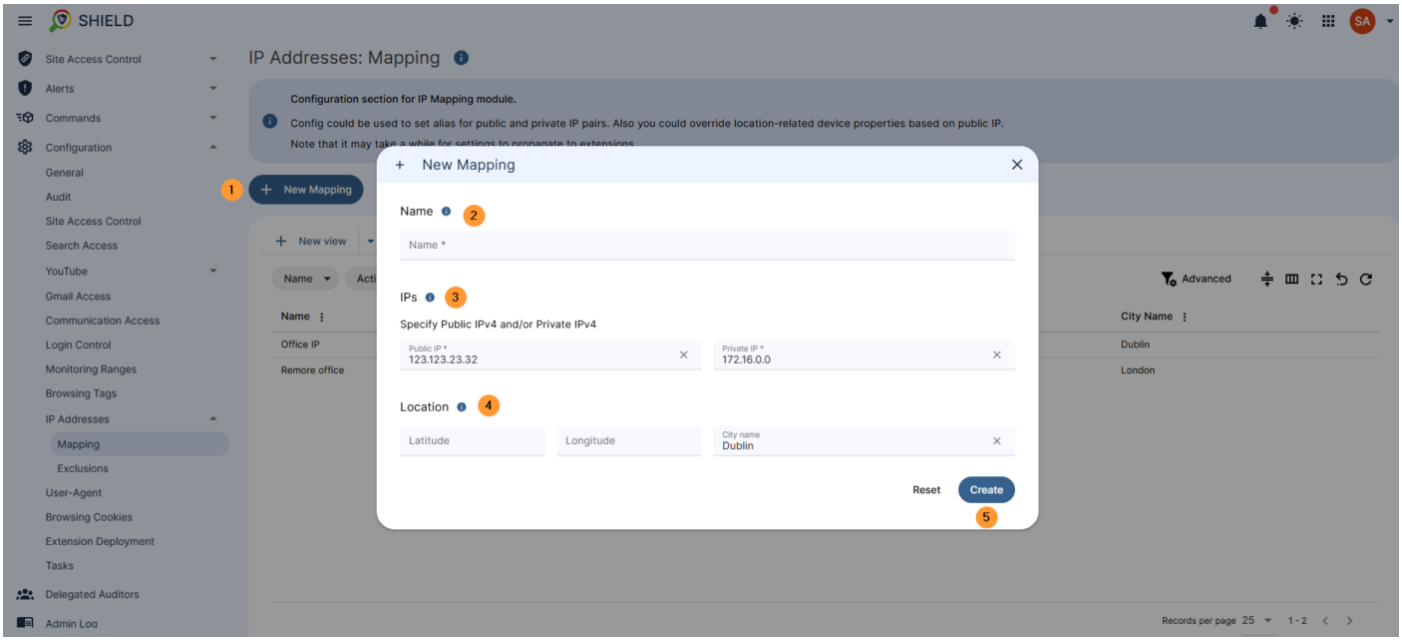
This will allow you to set up IP Mapping.

Click on **+ New mapping,** and a pop-up menu will be displayed. Fill in the details.

- **IPs -**Define public and/or private IPv4. Entered addresses will be used to modify device data presented in the Geo Reporting section.CIDR notation is optional.
- **Public and Private IP addresses** - Specify Public IPv4 and/or Private IPv4

- **Location** - If public and private IPs match with device IPs, then location details will be overridden.

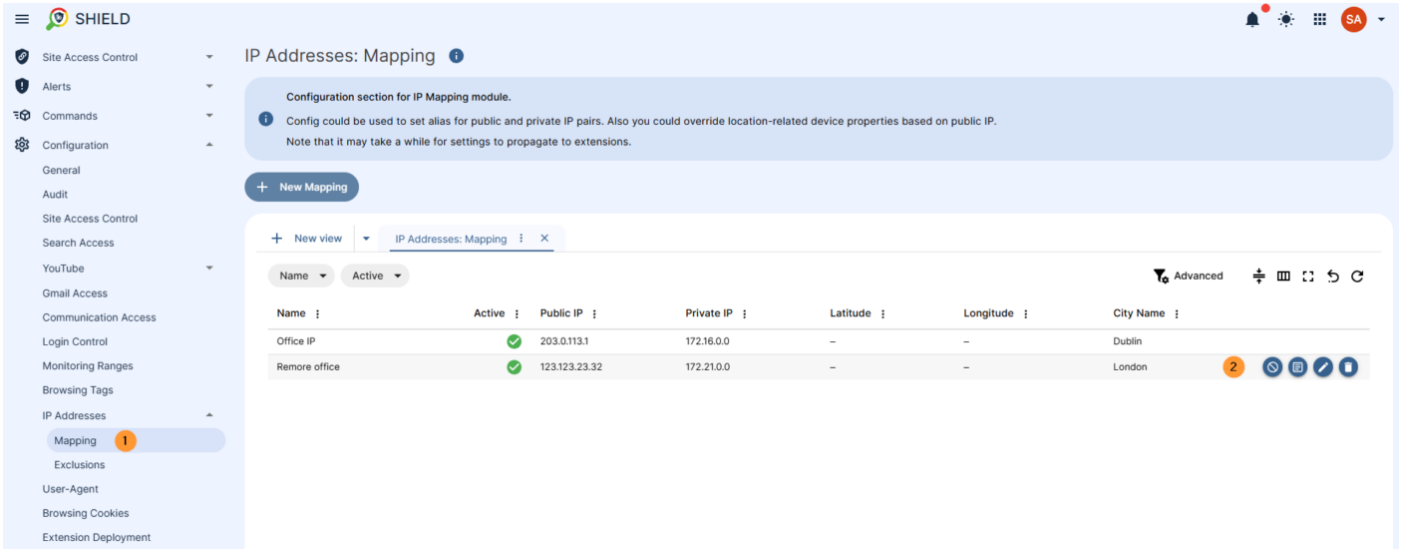
    - **Coordinates latitude** - set default latitude
    - **Coordinates longitude** - set default longitude
    - **City name** - set default City name



Result

When clicking on **Save,** the IP Mapping will be saved to the list.

Under the **Action** tab, the IP Mapping can be **edited** (pen icon) or **deleted** (x icon).



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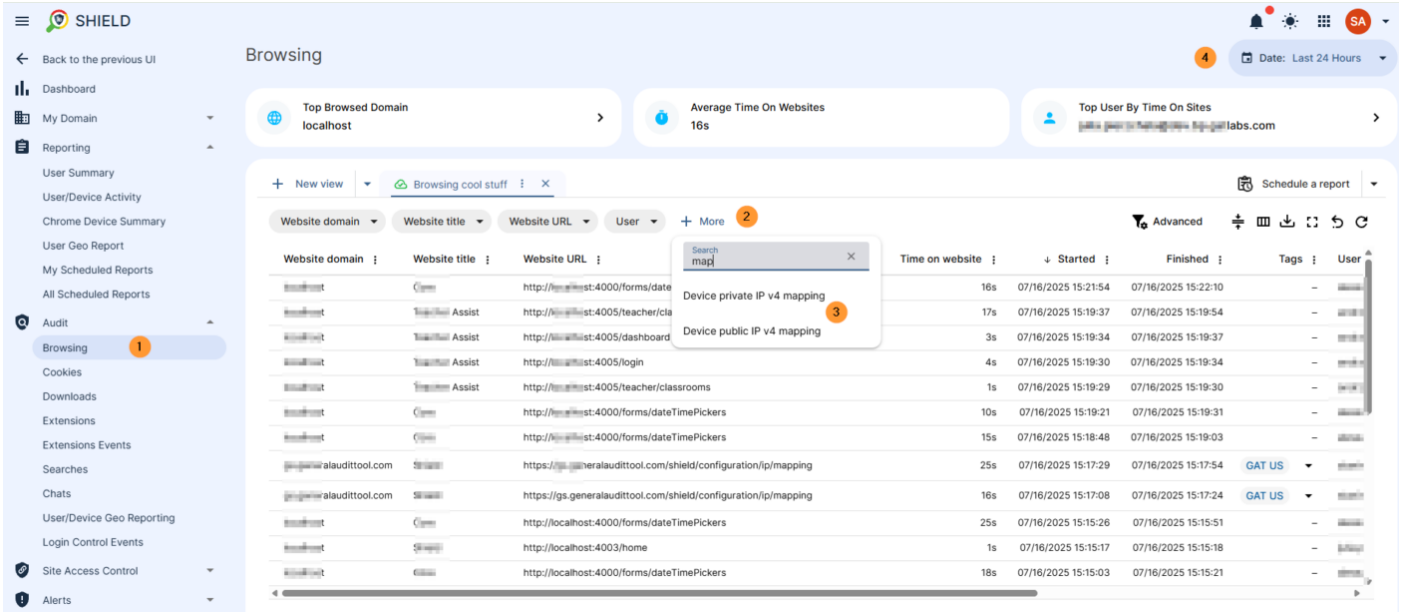
In the Shield console, you can run a search by the **IP Mapping filters that we just created.**

For example:

Search for the browsing filtered by the Mapped IP.

- **Device private. IP v4 mapping**
- **Device public. IP v4 mapping**

On the top right corner you can filter by time frame.



The filters above are available in every section under **Audit** in the **Shield console.**

Those filters can be used to filter IP addresses.

Instead of manually entering the IP address, the IP-mapped **custom name** can be used.