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**CLEANBROWSING**

API DOCUMENTATION

**ENGINEERING**

CLEANBROWSING, INC.

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## Change Log

| Version | Date       | Author           | Description                  |
|---------|------------|------------------|------------------------------|
| 1.0     | 09/01/2021 | Engineering Dept | Digital documentation of API |
|         |            |                  |                              |

## List of API Parameters:

The CleanBrowsing API uses basic CRUD operations. It's designed to be simple and can be accessed any HTTPS library (e.g., cURL). Access control is managed via an authentication key, denoted as the "API Key". This key should be present in all requests and should be managed using encryption protocols (e.g., HTTPS).

| <b>Categories</b>                            |  |
|--|--|
|  |  |
| <a href="#"><u>Category/block</u></a>        | Adds a new category to the block list.                       |
| <a href="#"><u>Category/allow</u></a>        | Removes a category from the block list (allows it).          |
| <a href="#"><u>Category/lists</u></a>        | List all categories blocked.                                 |
| <b>Profiles</b>                              |  |
|  |  |
| <a href="#"><u>Profile/add</u></a>           | Adds a new profile.  |
| <a href="#"><u>Profile/delete</u></a>        | Deletes an existing profile                                  |
| <a href="#"><u>Profiles/list</u></a>         | List all available profiles.                                 |
| <b>Whitelist / Blocklist</b>                 |  |
|  |  |
| <a href="#"><u>Whitelist/add</u></a>         | Adds a new domain to the whitelist.                          |
| <a href="#"><u>Whitelist/delete</u></a>      | Deletes a domain from the whitelist.                         |
| <a href="#"><u>Whitelist/list</u></a>        | List all domain in the whitelist.                            |
| <a href="#"><u>Blocklist/add</u></a>         | Adds a new domain to the blocklist.                          |
| <a href="#"><u>Blocklist/delete</u></a>      | Deletes a domain from the blocklist                          |
| <a href="#"><u>Blocklist/list</u></a>        | List all domains in the blocklist                            |
| <b>Default Block / Enable</b>                |  |
|  |  |
| <a href="#"><u>Default-block/enable</u></a>  | Enable defaults-block. Only whitelisted domains are allowed. |
| <a href="#"><u>Default-block/disable</u></a> | Disable the default-block option.                            |
| <b>Network</b>                               |  |
|  |  |
| <a href="#"><u>Network/add</u></a>           | Adds a new IP address to your network list.                  |
| <a href="#"><u>Network/delete</u></a>        | Deletes an IP address form the network list.                 |
| <a href="#"><u>Network/list</u></a>          | List all IP addresses in the network list.                   |
| <b>Logs</b>                                  |  |
|  |  |
| <a href="#"><u>Logs/list</u></a>             | List all the available logs for your account.                |
| <a href="#"><u>Logs/getstats</u></a>         | Get details stats for a specific day.                        |
| <a href="#"><u>Logs/getdump</u></a>          | Get all the logs (dump) of all activity for a specific day.  |
| <a href="#"><u>Logs/delete</u></a>           | Delete a specific log (Stats won't be deleted)               |

## List of API Parameters:

The following provides examples for each API parameter:

### Category/block

Adds a new category to the block list. Available categories to use:

|                          |   |
|--------------------------|---|
| Category Names           | category_adult<br>category_adultmixed<br>category_advertising_tracking<br>category_torrents<br>category_p2p_file_sharing<br>category_proxy_vpn<br>category_gaming<br>category_gambling<br>category_dating<br>category_social_network<br>category_search_engine<br>category_online_radio<br>category_weapons<br>category_malicious_blacklisted<br>category_video_streaming<br>category_drugs<br>category_alcohol<br>category_lingerie<br>category_hate_speech<br>category_academic_fraud |
| <b>Action:</b>           | category/block  |
| <b>Required value:</b>   | category_name=[a-zA-Z0-9]{4,}   |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default"<br>when not provided   |
| <b>Results:</b>          | {"status" = "success"};   |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"}  |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=category/block&category\\_name=<CATEGORYNAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=category/block&category_name=<CATEGORYNAME>)

### Category/allow

Removes a category from the block list (allows it).

|                        |   |
|------------------------|---|
| <b>Action:</b>         | category/allow  |
| <b>Required value:</b> | category_name=[a-zA-Z0-9]{4,}                                       |
| <b>Optional value:</b> | profile_name=(valid_profile_name) or "default"<br>when not provided |

|                          |  |
|--------------------------|--|
| <b>Results:</b>          | {"status" = "success"};                      |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"} |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=category/allow&category\\_name=<CATEGORYNAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=category/allow&category_name=<CATEGORYNAME>)

### Categories/list

List all categories blocked.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | category/list  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"}                     |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=categories/list](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=categories/list)

### Profile/Add

Adds a new profile.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | profile/add                                  |
| <b>Required value:</b>   | profile_name=[a-zA-Z0-9]{4,}                 |
| <b>Results:</b>          | {"status" = "success"};                      |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"} |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=profile/add&profile\\_name=<PROFILENAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=profile/add&profile_name=<PROFILENAME>)

### Profile/Delete

Deletes an existing profile.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | profile/delete                               |
| <b>Required value:</b>   | profile_name=[a-zA-Z0-9]{4,}                 |
| <b>Results:</b>          | {"status" = "success"};                      |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"} |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=profile/delete&profile\\_name=<PROFILENAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=profile/delete&profile_name=<PROFILENAME>)

#### Profiles/List

List all existing profiles.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | profile/list                                 |
| <b>Required value:</b>   | profile_name=[a-zA-Z0-9]{4,}                 |
| <b>Results:</b>          | {"status" = "success"};                      |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"} |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=profile/list](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=profile/list)

#### Whitelist/Add

Adds a new domain to the whitelist (list of domains that are always allowed, overwriting the default categories).

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | Whitelist/add  |
| <b>Required value:</b>   | domain_name=(valid_domain_name)                                  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"}                     |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=whitelist/add&domain\\_name=<DOMAINNAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=whitelist/add&domain_name=<DOMAINNAME>)

#### Whitelist/Delete

Deletes a domain from the whitelist.

|                        |  |
|------------------------|--|
| <b>Action:</b>         | Whitelist/delete   |
| <b>Required value:</b> | domain_name=(valid_domain_name)                                  |
| <b>Optional value:</b> | profile_name=(valid_profile_name) or "default" when not provided |

|                          |  |
|--------------------------|--|
| <b>Results:</b>          | {"status" = "success"};                      |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"} |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=whitelist/delete&domain\\_name=<DOMAIN NAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=whitelist/delete&domain_name=<DOMAIN NAME>)

#### Whitelist/list

List all domains in the whitelist (all profiles it will be listed if no profile\_name is included).

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | Whitelist/list   |
| <b>Required value:</b>   | domain_name=(valid_domain_name)                                  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"}                     |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=whitelist/list](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=whitelist/list)

#### Blocklist/Add

Adds a new domain to the blocklist (list of domains that are always blocked, overwriting the default categories).

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | blocklist/add  |
| <b>Required value:</b>   | domain_name=(valid_domain_name)                                  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status": "failed", "reason": "reason why"}                     |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=blocklist/add&domain\\_name=<DOMAINNAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=blocklist/add&domain_name=<DOMAINNAME>)

#### Blocklist/Delete

Deletes a domain from the blocklist.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | blocklist/delete   |
| <b>Required value:</b>   | domain_name=(valid_domain_name)                                  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"}                       |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=blocklist/delete&domain\\_name=<DOMAIN NAME>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=blocklist/delete&domain_name=<DOMAIN NAME>)

### Blocklist/list

List all domains in the blocklist (all profiles it will be listed if no profile\_name is included).

|                          |   |
|--------------------------|---|
| <b>Action:</b>           | blocklist/list  |
| <b>Required value:</b>   | domain_name=(valid_domain_name)   |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided  |
| <b>Results:</b>          | {"status":"success",<br>"blocklist":{"default":["mytestdomain.com","globo.com"],<br>"profileexample":["music.com","test.com"]}} |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"}  |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=blocklist/list](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=blocklist/list)

### Default-block/enable

Enables default-block for the profile. All domains will be blocked unless explicitly allowed. **WARNING: Use with caution.**

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | default-block/enable                       |
| <b>Required value:</b>   | profile_name=(valid_profile_name)          |
| <b>Results:</b>          | {"status" = "success"};                    |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"} |

Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=default-block/enable&profile\\_name=<default>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=default-block/enable&profile_name=<default>)



## Default-block/disable

Disables default-block for the profile.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | default-block/disable                      |
| <b>Required value:</b>   | profile_name=(valid_profile_name)          |
| <b>Results:</b>          | {"status" = "success"};                    |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"} |

### Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=default-enable/enable&profile\\_name=<default>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=default-enable/enable&profile_name=<default>)

## Network/Add

Adds a new IP address to your network list.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | network/add  |
| <b>Required value:</b>   | ip_address=(valid_ipv4)  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"}                       |

### Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=network/add&&ip\\_address=<IPv4>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=network/add&&ip_address=<IPv4>)

## Network/Delete

Deletes an IP address from the network list.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | network/delete   |
| <b>Required value:</b>   | ip_address=(valid_ipv4)  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided |
| <b>Results:</b>          | {"status" = "success"};  |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"}                       |

### Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=network/delete&&ip\\_address=<IPv4>](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=network/delete&&ip_address=<IPv4>)

## Network/list

List all IP Addresses in your network list (all profiles it will be listed if no profile\_name is included).

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | network/list   |
| <b>Required value:</b>   | ip_address=(valid_ipv4)  |
| <b>Optional value:</b>   | profile_name=(valid_profile_name) or "default" when not provided   |
| <b>Results:</b>          | <pre>{"status":"success", "networks":{"default":["1.2.3.4","1.2.3.3"], "profileexample":["2.1.1.1","2.2.2.2"]}</pre> |
| <b>In case of error:</b> | <pre>{"status":"failed", "reason":"reason why"}</pre>  |

### Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=network/list](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=network/list)

## Logs/list

List all the available days with full logs for your account.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | logs/list  |
| <b>Results:</b>          | <pre>{"status":"success", "logs":["2019-09-03","2019-09-02","2019-09-01"]}</pre> |
| <b>In case of error:</b> | <pre>{"status":"failed", "reason":"reason why"}</pre>                            |

### Example:

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=logs/list](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=logs/list)

## Logs/getstats

Get detailed activity stats for a specific day. It return a json with all the activity on that day divided per hour. It is broken down by top IPs, top requests type, blocks, domains blocked, etc. This is a comprehensive view that can be useful when building your own stats.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | logs/getstats  |
| <b>Required value:</b>   | date=(valid_date in the format yyyy-mm-dd)   |
| <b>Results:</b>          | <pre>"ips":{"2019-08-29 00:00":{"47.144.214.39":1230},"2019-08-29 01:00":{"47.144.214.39":1067},... "reqtypes":{"2019-08-29 00:00":{"A":1103,"PTR":2,"AAAA":125},"2019-08-29 01:00":{"A":798,"AAAA":266,"PTR":3},...</pre> |
| <b>In case of error:</b> | <pre>{"status":"failed", "reason":"reason why"}</pre>  |

**Example:**

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=logs/getstats&date=2019-09-02](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=logs/getstats&date=2019-09-02)

**Logs/getdump**

Get all the logs for a specific day (in text format). The response can be very long (hundreds of MB), so use it with caution. It should not be called more than once per hour. Ideally, it should be called once per day at a maximum.

|                          |   |
|--------------------------|---|
| <b>Action:</b>           | logs/getdump  |
| <b>Required Value:</b>   | date=(valid_date in the format yyyy-mm-dd)  |
| <b>Results:</b>          | 2019-08-29 00:00:29 111 pass-through: allowed:<br>47.144.1.1: 1: play.google.com. (185.228.168.1)<br>2019-08-29 00:00:30 111 pass-through: allowed:<br>47.144.1.1: 1: people-pa.clients6.google.com.<br>(185.228.168.1) |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"}  |

**Example:**

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=logs/getdump&date=2019-09-02](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=logs/getdump&date=2019-09-02)

**Logs/delete**

Delete a specific log (stats won't be deleted) for the provided date.

|                          |  |
|--------------------------|--|
| <b>Action:</b>           | logs/getdump                               |
| <b>Required Value:</b>   | date=(valid_date in the format yyyy-mm-dd) |
| <b>Results:</b>          | {"status" = "success"};                    |
| <b>In case of error:</b> | {"status":"failed", "reason":"reason why"} |

**Example:**

[https://my.cleanbrowsing.org/api?apikey=\[apikey\]&action=logs/delete&date=2019-09-02](https://my.cleanbrowsing.org/api?apikey=[apikey]&action=logs/delete&date=2019-09-02)