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CLEANBROWSING

API DOCUMENTATION

ENGINEERING

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Change Log

Version	Date	Author	Description
1.0	09/01/2021	Engineering Dept	Digital documentation of API
1.1	02/06/2024	Operations	Updating with new categories and references

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).

Categories	
Category/block	Adds a new category to the block list.
Category/allow	Removes a category from the block list (allows it).
Category/lists	List all categories blocked.
Profiles	
Profile/add	Adds a new profile.
Profile/delete	Deletes an existing profile
Profiles/list	List all available profiles.
Whitelist / Blocklist	
Whitelist/add	Adds a new domain to the whitelist.
Whitelist/delete	Deletes a domain from the whitelist.
Whitelist/list	List all domain in the whitelist.
Blocklist/add	Adds a new domain to the blocklist.
Blocklist/delete	Deletes a domain from the blocklist
Blocklist/list	List all domains in the blocklist
Default Block / Enable	
Default-block/enable	Enable defaults-block. Only whitelisted domains are allowed.
Default-block/disable	Disable the default-block option.
Network	
Network/add	Adds a new IP address to your network list.
Network/delete	Deletes an IP address form the network list.
Network/list	List all IP addresses in the network list.
Logs	
Logs/list	List all the available logs for your account.
Logs/getstats	Get details stats for a specific day.
Logs/getdump	Get all the logs (dump) of all activity for a specific day.
Logs/delete	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 category_adultmixed category_advertising_tracking category_torrents category_p2p_file_sharing category_proxy_vpn category_gaming category_gambling category_dating category_social_network category_search_engine category_online_radio category_weapons category_malicious_blacklisted category_video_streaming category_drugs category_alcohol category_lingerie category_hate_speech category_academic_fraud category_instant_messaging category_self_harm
Action:	category/block
Required value:	category_name=[a-zA-Z0-9]{4,}
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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).

Action:	category/allow
Required value:	category_name=[a-zA-Z0-9]{4,}

Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	categories/list
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	profile/add
Required value:	profile_name=[a-zA-Z0-9]{4,}
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	profile/delete
Required value:	profile_name=[a-zA-Z0-9]{4,}

Results:	{"status" = "success"};
In case of error:	{"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.

Action:	profiles/list
Required value:	profile_name=[a-zA-Z0-9]{4,}
Results:	{"status" = "success"};
In case of error:	{"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).

Action:	Whitelist/add
Required value:	domain_name=(valid_domain_name)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	Whitelist/delete
Required value:	domain_name=(valid_domain_name)

Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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).

Action:	Whitelist/list
Required value:	domain_name=(valid_domain_name)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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).

Action:	blocklist/add
Required value:	domain_name=(valid_domain_name)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	blocklist/delete
Required value:	domain_name=(valid_domain_name)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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).

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

Action:	default-block/enable
Required value:	profile_name=(valid_profile_name)
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	default-block/disable
Required value:	profile_name=(valid_profile_name)
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	network/add
Required value:	ip_address=(valid_ipv4)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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.

Action:	network/delete
Required value:	ip_address=(valid_ipv4)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status" = "success"};
In case of error:	{"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).

Action:	network/list
Required value:	ip_address=(valid_ipV4)
Optional value:	profile_name=(valid_profile_name) or "default" when not provided
Results:	{"status":"success", "networks":{"default":["1.2.3.4","1.2.3.3"], "profileexample":["2.1.1.1","2.2.2.2"]}}
In case of error:	{"status":"failed", "reason":"reason why"}

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.

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

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.

Action:	logs/getstats
Required value:	date=(valid_date in the format yyyy-mm-dd)
Results:	"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},...
In case of error:	{"status":"failed", "reason":"reason why"}

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.

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

Action:	logs/getdump
Required Value:	date=(valid_date in the format yyyy-mm-dd)
Results:	{"status" = "success"};
In case of error:	{"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)