

REST API reference

User data methods

Initialize user data database (batch data creation)

- Type: POST
- URL: `<domain>/init/`
- Data:

```
{
  'profiles': [
    {
      'cat_ids': [<cat_id>],
      'app_ids': [<app_id>],
      'profile': {
        'page_id': <page_id>,
        'id': <id>
      }
    }, ...
  ],
  'nets': [{'ip': <ipv4>, 'profile_id': <profile_id>, 'prefix_len': <prefix_len4>},
  ...],
  'nets6': [{'ip': <ipv6>, 'profile_id': <profile_id>, 'prefix_len':
<prefix_len6>}, ...],
  'blockpages': [{'id': <page_id>, 'type': <blockpage_type>}, ...],
  'napt': [
    {
      'ip': <ipv4>,
      "profile_id": <profile_id>,
      "lower_port_bound": <lower_port_bound>,
      "upper_port_bound": <upper_port_bound>
    },
  ]
}
```

- Result: 204 No body

Profile methods

Fetch all profiles

- Type: GET
- URL: `<domain>/profiles`
- Result: 200 OK

Add a profile

- Type: POST
- URL: `<domain>/profiles`
- Data:

```
{
  "profile": {
    "id": int,
    "page_id": int
  },
  "cat_ids": [int, ],
  "app_ids": [int, ],
}
```

- Result: 201 Created

Fetch a specific profile

- Type: GET
- URL: `<domain>/profiles/<id>`
- Result: 200 OK

Update a specific profile

- Type: PATCH
- URL: `<domain>/profiles`
- Data:

```
{
  "app_ids": [int, ],
  "cat_ids": [int, ],
}
```

```
"profile": {
  "plan_id": int,
  "provider_id": int,
  "white_list_only": bool,
  "hide_block_reason": bool,
  "empty_dns_answer": bool,
  "page_id": int,
  "tls": bool
}
```

- Result: 200 OK

Blockpage methods

Get all blockpages

- Type: GET
- URL: `<domain>/blockpage`
- Result: 200 OK

Create a blockpage

- Type: POST
- URL: `<domain>/blockpage`
- Data:

```
{
  "type": int,
  "id": int
}
```

- Result: 200 OK

Get a specific blockpage

- Type: GET
- URL: `<domain>/blockpage/<page_id>`
- Result: 200 OK

Update a blockpage

- Type: PATCH

- URL: `<domain>/blockpage/<page_id>`
- Data:

```
{  
  "type": int  
}
```

- Result: 200 OK

Delete a blockpage

- Type: DELETE
- URL: `<domain>/blockpage/<page_id>`
- Result: 204 No Content, no body

Lists methods

Create an allow- or denylist

- Type: POST
- URL: `<domain>/profile/<profile_id>/bw_list`
- Data:

```
{  
  "type": "string", // "allow" or "deny" only  
  "domains": ["string", "string", ]  
}
```

- Result: 201 Created

Create an allow- or denylist with multiple entries

- Type: POST
- URL: `<domain>/profile/<profile_id>/bw_list/batch`
- Data:

```
{  
  "type": "string", // "allow" or "deny" only  
  "domains": ["string", "string", ]  
}
```

- Result: 201 Created

Update a domain in an allow- or denylist

- Type: PATCH
- URL: `<domain>/profile/<profile_id>/bw_list/<domain>`
- Data:

```
{
  "type": "string", // "allow" or "deny" only
  "domain": "string",
  "profile_id": int
}
```

- Result: 200 OK

Delete a domain from an allow- or denylist:

- Type: DELETE
- URL: `<domain>/profile/<profile_id>/bw_list/<domain>`
- Result: 204 No Content, no body

IPv4 network methods

Create an IPv4 address entry

- Type: POST
- URL: `<domain>/net`
- Data:

```
{
  "ip": "string", // IPv4 address in canonical form
  "profile_id": int,
  "prefix_len": int
}
```

- Result: 201 Created

Get an IPv4 address entry

- Type: GET
- URL: `<domain>/net/<int_ip>`
- Result: 200 OK

Update an IPv4 address entry

- Type: PATCH
- URL: `<domain>/net/<int_ip>`

- Data:

```
{
  "ip": "string", //IPv4 address in canonical form
  "profile_id": int,
  "prefix_len": int
}
```

- Result: 200 OK

Delete an IPv4 address

- Type: DELETE
- URL: `<domain>/net/<int_ip>`
- Result: 204 No Content, no body

IPv6 network methods

Create an IPv6 address entry

- Type: POST
- URL: `<domain>/net6`
- Data:

```
{
  "ip": "string", //IPv6 address in canonical form
  "prefix_len": int,
  "profile_id": int
}
```

- Result: 201 Created

Get an IPv6 address entry

- Type: GET
- URL: `<domain>/net6/<ipv6>`
- Result: Dictionary with IPv6 and profile_id data

Update an IPv6 address entry

- Type: PATCH
- URL: `<domain>/net6/<ipv6>`
- Data:

```
{
  "ip": "string", //IPv6 address in canonical form
  "prefix_len": int,
  "profile_id": int
}
```

- Result: 200 OK

Delete an IPv6 address

- Type: DELETE
- URL: `<domain>/net6/<ipv6>`
- Result: 204 No Content, no body

IPv4 NAT methods

Create an IPv4 NAT entry

- Type: POST
- URL: `<domain>/napt/`
- Data:

```
{
  "ip": "string", //IPv4 address in canonical form
  "lower_port_bound": int,
  "upper_port_bound": int,
  "profile_id": int
}
```

- Result: 201 Created

Create multiple IPv4 NAT entries

- Type: POST
- URL: `<domain>/napt/batch`
- Data:

```
[
  {
    "ip": "string", //IPv4 address in canonical form
    "lower_port_bound": int,
    "upper_port_bound": int,
  }
]
```

```
[{"profile_id": int
},
]
```

- Result: 201 Created

Get all IPv4 NAT entries by IP

- Type: GET
- URL: `<domain>/napt/<int_ip>`
- Result: 200 OK

Get a specific IPv4 NAT entry

- Type: GET
- URL: `<domain>/napt/<int_ip>/<lower_port_bound>/<upper_port_bound>`
- Result: 200 OK

Update an IPv4 NAT entry

- Type: PATCH
- URL: `<domain>/napt/<int_ip>/<lower_port_bound>/<upper_port_bound>`
- Data:

```
{
  "ip": "string", //IPv4 address in canonical form
  "lower_port_bound": int,
  "upper_port_bound": int,
  "profile_id": int
}
```

- Result: 200 OK

Delete an IPv4 NAT entry

- Type: DELETE
- URL: `<domain>/napt/<int_ip>/<lower_port_bound>/<upper_port_bound>`
- Result: 204 No Content, no body

Delete multiple IPv4 NAT entries

- Type: DELETE
- URL: `<domain>/napt/batch`

- Data:

```
[
  {
    "ip": "string", //IPv4 address in canonical form
    "lower_port_bound": int,
    "upper_port_bound": int,
    "profile_id": int
  },
]
```

- Result: 204 No Content, no body

AppBlocker methods

Get a list of all available AppBlocker categories

- Type: GET
- URL: `<domain>/app_aware/application/`
- Result: 200 OK

Revision #4

Created 26 May 2026 13:15:11 by Andrew Lem

Updated 26 May 2026 13:40:43 by Andrew Lem