

Web proxy service v2.0

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Resource: profile

Site specific profile configuration for Web Proxy

```
http://{device}/api/cmcc.web-proxy/2.0/profiles/items/{id}
```

JSON

```
{
  "profile_id": identifier,
  "profile_name": unrestricted_name,
  "enabled": boolean,
  "https_enabled": boolean,
  "audit_log": {
    "audit_log_enabled": boolean,
    "format": string,
    "remote_address": hostname,
    "remote_port": integer
  },
  "site_info": {
    "site_id": [
      integer
    ],
    "site_type_id": [
      integer
    ],
    <prop>: any
  }
}
```

Property Name	Type	Description	Notes
<i>profile</i>	<object>	Site specific profile configuration for Web Proxy	
<i>profile.profile_id</i>	<identifier>		Read-only;
<i>profile.profile_name</i>	<unrestricted_name>		Pattern: '^([a-zA-Z0-9][a-zA-Z0-9_]*\$)^[a-zA-Z0-9_][a-zA-Z0-9_]+[a-zA-Z0-9_]+\$';
<i>profile.enabled</i>	<boolean>	Enable Web proxy.	Optional;
<i>profile.https_enabled</i>	<boolean>	Enable HTTPS optimization for Web proxy.	Optional;
<i>profile.audit_log</i>	<object>	Audit log (syslog) settings	Required properties: [audit_log_enabled]; Optional;
<i>profile.audit_log.audit_log_enabled</i>	<boolean>	Enable/disable remote logging for the HTTP/S traffic.	Default is False;
<i>profile.audit_log.format</i>	<string>	The log format for HTTP/S traffic	Optional; Values: CLF;
<i>profile.audit_log.remote_address</i>	<hostname>		Pattern: '^((([a-zA-Z0-9][a-zA-Z0-9][a-zA-Z0-9\-\]*[a-zA-Z0-9])\.)+)*([A-Za-z0-9][A-Za-z0-9][A-Za-z0-9\-\]*[A-Za-z0-9])?\$',
<i>profile.audit_log.remote_port</i>	<integer>	Remote port	Optional; Range: 0 to 65535; Default is 514;
<i>profile.site_info</i>	<object>		Optional;
<i>profile.site_info.site_id</i>	<array of <integer>>		Optional;
<i>profile.site_info.site_id[items]</i>	<integer>		
<i>profile.site_info.site_type_id</i>	<array of <integer>>		Optional;
<i>profile.site_info.site_type_id[items]</i>	<integer>		
<i>profile.site_info.<prop></i>	<any>		Optional;
<i>profile.site_info.oneOf[0]</i>	<object>		Required properties: [site_id];
<i>profile.site_info.oneOf[0].<prop></i>	<any>		Optional;
<i>profile.site_info.oneOf[1]</i>	<object>		Required properties: [site_type_id];
<i>profile.site_info.oneOf[1].<prop></i>	<any>		Optional;

Links

profile: get

```
GET http://{device}/api/cmcc.web-proxy/2.0/profiles/items/{id}
```

Response Body

Returns a [profile](#) data object.

profile: set

```
PUT http://{device}/api/cmc.web-proxy/2.0/profiles/items/{id}
```

Request Body

Provide a [profile](#) data object.

Response Body

Returns a [profile](#) data object.

profile: delete

```
DELETE http://{device}/api/cmc.web-proxy/2.0/profiles/items/{id}
```

Response Body

On success, the server does not provide any body in the responses.

Relations

profile: instances

Related resource

[profiles](#)

Resource: profiles

List of all profiles

```
http://{device}/api/cmc.web-proxy/2.0/profiles
```

JSON

```
[
  {
    "profile_id": identifier,
    "profile_name": unrestricted_name,
    "enabled": boolean,
    "https_enabled": boolean,
    "audit_log": {
      "audit_log_enabled": boolean,
      "format": string,
      "remote_address": hostname,
      "remote_port": integer
    },
    "site_info": {
      "site_id": [
        integer
      ],
      "site_type_id": [
        integer
      ],
      <prop>: any
    }
  }
]
```

Property Name	Type	Description	Notes
<i>profiles</i>	<i><array of <items>></i>	List of all profiles	
<i>items</i>	<i><object></i>	Site specific profile configuration for Web Proxy	
<i>items.profile_id</i>	<i><identifier></i>		Read-only;
<i>items.profile_name</i>	<i><unrestricted_name></i>		Pattern: '^^[a-zA-Z0-9-][a-zA-Z0-9_-]*\$ ^^[a-zA-Z0-9_-][a-zA-Z0-9_-]+[a-zA-Z0-9_-]\$';
<i>items.enabled</i>	<i><boolean></i>	Enable Web proxy.	Optional;
<i>items.https_enabled</i>	<i><boolean></i>	Enable HTTPS optimization for Web proxy.	Optional;
<i>items.audit_log</i>	<i><object></i>	Audit log (syslog) settings	Required properties: [audit_log_enabled]; Optional;

<code>items.audit_log.audit_log_enabled</code>	<code><boolean></code>	Enable/disable remote logging for the HTTP/S traffic.	Default is False;
<code>items.audit_log.format</code>	<code><string></code>	The log format for HTTP/S traffic	Optional; Values: CLF;
<code>items.audit_log.remote_address</code>	<code><hostname></code>		Pattern: '^((([a-zA-Z0-9][a-zA-Z0-9][a-zA-Z0-9-]*[a-zA-Z0-9])\.)*([A-Za-z0-9][A-Za-z0-9][A-Za-z0-9-]*[A-Za-z0-9]))?\$';
<code>items.audit_log.remote_port</code>	<code><integer></code>	Remote port	Optional; Range: 0 to 65535; Default is 514;
<code>items.site_info</code>	<code><object></code>		Optional;
<code>items.site_info.site_id</code>	<code><array of <integer>></code>		Optional;
<code>items.site_info.site_id[items]</code>	<code><integer></code>		
<code>items.site_info.site_type_id</code>	<code><array of <integer>></code>		Optional;
<code>items.site_info.site_type_id[items]</code>	<code><integer></code>		
<code>items.site_info.<prop></code>	<code><any></code>		Optional;
<code>items.site_info.oneOf[0]</code>	<code><object></code>		Required properties: [site_id];
<code>items.site_info.oneOf[0].<prop></code>	<code><any></code>		Optional;
<code>items.site_info.oneOf[1]</code>	<code><object></code>		Required properties: [site_type_id];
<code>items.site_info.oneOf[1].<prop></code>	<code><any></code>		Optional;

Links

profiles: get

```
GET http://{device}/api/cmc.web-proxy/2.0/profiles
```

Response Body

Returns a [profiles](#) data object.

profiles: create

```
POST http://{device}/api/cmc.web-proxy/2.0/profiles
```

Request Body

Provide a [create_empty](#) data object.

Response Body

Returns a [profile](#) data object.

profiles: clone

```
POST http://{device}/api/cmc.web-proxy/2.0/profiles/clone
```

Request Body

Provide a [clone](#) data object.

Response Body

Returns a [profile](#) data object.

Resource: profile_ssl_domain

SSL Domains associated with profile.

```
http://{device}/api/cmc.web-proxy/2.0/profile_ssl_domains/items/{id}
```

JSON

```
{
  "id": identifier,
  "profile_id": identifier,
  "domain_name": domain_name,
  "state": domain_state
}
```

Property Name	Type	Description	Notes
<i>profile_ssl_domain</i>	<object>	SSL Domains associated with profile.	
<i>profile_ssl_domain.id</i>	<identifier>		Read-only;
<i>profile_ssl_domain.profile_id</i>	<identifier>		Read-only;
<i>profile_ssl_domain.domain_name</i>	<domain_name>		Pattern: '^(*\.)?[0-9A-Za-z](((0-9A-Za-z)-){0,61}[0-9A-Za-z])?(\.[0-9A-Za-z](((0-9A-Za-z)-){0,61}[0-9A-Za-z])?)*\.\$';
<i>profile_ssl_domain.state</i>	<domain_state>	Optimization state of the domain	Values: white, black, grey;

Links

profile_ssl_domain: get

```
GET http://{device}/api/cmc.web-proxy/2.0/profile_ssl_domains/items/{id}
```

Response Body

Returns a [profile_ssl_domain](#) data object.

profile_ssl_domain: set

```
PUT http://{device}/api/cmc.web-proxy/2.0/profile_ssl_domains/items/{id}
```

Request Body

Provide a [profile_ssl_domain](#) data object.

Response Body

Returns a [profile_ssl_domain](#) data object.

profile_ssl_domain: delete

```
DELETE http://{device}/api/cmc.web-proxy/2.0/profile_ssl_domains/items/{id}
```

Response Body

On success, the server does not provide any body in the responses.

Resource: profile_ssl_domains

SSL Domains Plurals

```
http://{device}/api/cmc.web-proxy/2.0/profile_ssl_domains{?profile_id}
```

JSON

```
[
  {
    "id": identifier,
    "profile_id": identifier,
    "domain_name": domain_name,
    "state": domain_state
  }
]
```

Property Name	Type	Description	Notes
<i>profile_ssl_domains</i>	<array of <items>>	SSL Domains Plurals	
<i>items</i>	<object>	SSL Domains associated with profile.	
<i>items.id</i>	<identifier>		Read-only;
<i>items.profile_id</i>	<identifier>		Read-only;
<i>items.domain_name</i>	<domain_name>		Pattern: '^(*\.)?[0-9A-Za-z](((0-9A-Za-z)-){0,61}[0-9A-Za-z])?(\.[0-9A-Za-z](((0-9A-Za-z)-){0,61}[0-9A-Za-z])?)*\.\$';
<i>items.state</i>	<domain_state>	Optimization state of the domain	Values: white, black, grey;

Links

profile_ssl_domains: get

```
GET http://{device}/api/cmcc.web-proxy/2.0/profile_ssl_domains{?profile_id}
```

Response Body

Returns a [profile_ssl_domains](#) data object.

profile_ssl_domains: create

```
POST http://{device}/api/cmcc.web-proxy/2.0/profile_ssl_domains{?profile_id}
```

Request Body

Provide a [profile_ssl_domain](#) data object.

Response Body

Returns a [profile_ssl_domain](#) data object.

Resource: parent_proxy_exclude_domain

Settings for domains that need to bypass the parent proxy

```
http://{device}/api/cmcc.web-proxy/2.0/parent_proxy_exclude_domains/items/{id}
```

JSON

```
{
  "id": identifier,
  "profile_id": identifier,
  "domain_name": hostname
}
```

Property Name	Type	Description	Notes
<i>parent_proxy_exclude_domain</i>	<i><object></i>	Settings for domains that need to bypass the parent proxy	
<i>parent_proxy_exclude_domain.id</i>	<i><identifier></i>		Read-only;
<i>parent_proxy_exclude_domain.profile_id</i>	<i><identifier></i>		Read-only;
<i>parent_proxy_exclude_domain.domain_name</i>	<i><hostname></i>		Pattern: '^((([a-zA-Z0-9])[a-zA-Z0-9][a-zA-Z0-9\-\-]*[a-zA-Z0-9])\.)*([A-Za-z0-9][A-Za-z0-9][A-Za-z0-9\-\-]*[A-Za-z0-9])?\$',

Links

parent_proxy_exclude_domain: get

```
GET http://{device}/api/cmcc.web-proxy/2.0/parent_proxy_exclude_domains/items/{id}
```

Response Body

Returns a [parent_proxy_exclude_domain](#) data object.

parent_proxy_exclude_domain: set

```
PUT http://{device}/api/cmcc.web-proxy/2.0/parent_proxy_exclude_domains/items/{id}
```

Request Body

Provide a [parent_proxy_exclude_domain](#) data object.

Response Body

Returns a [parent_proxy_exclude_domain](#) data object.

parent_proxy_exclude_domain: delete

```
DELETE http://{device}/api/cmc.web-proxy/2.0/parent_proxy_exclude_domains/items/{id}
```

Response Body

On success, the server does not provide any body in the responses.

Relations

parent_proxy_exclude_domain: instances

Related resource

[parent_proxy_exclude_domains](#)

Resource: parent_proxy_exclude_domains

List of all profiles

```
http://{device}/api/cmc.web-proxy/2.0/parent_proxy_exclude_domains{?profile_id}
```

JSON

```
[
  {
    "id": identifier,
    "profile_id": identifier,
    "domain_name": hostname
  }
]
```

Property Name	Type	Description	Notes
<i>parent_proxy_exclude_domains</i>	<array of <items>>	List of all profiles	
<i>items</i>	<object>	Settings for domains that need to bypass the parent proxy	
<i>items.id</i>	<identifier>		Read-only;
<i>items.profile_id</i>	<identifier>		Read-only;
<i>items.domain_name</i>	<hostname>		Pattern: '^((([a-zA-Z0-9] [a-zA-Z0-9][a-zA-Z0-9\-\-]*[a-zA-Z0-9])\.)*([A-Za-z0-9] [A-Za-z0-9][A-Za-z0-9\-\-]*[A-Za-z0-9]))?\$',

Links

parent_proxy_exclude_domains: get

```
GET http://{device}/api/cmc.web-proxy/2.0/parent_proxy_exclude_domains{?profile_id}
```

Response Body

Returns a [parent_proxy_exclude_domains](#) data object.

parent_proxy_exclude_domains: create

```
POST http://{device}/api/cmc.web-proxy/2.0/parent_proxy_exclude_domains{?profile_id}
```

Request Body

Provide a [parent_proxy_exclude_domain](#) data object.

Response Body

Returns a [parent_proxy_exclude_domain](#) data object.

Resource: proxy_chain

Profile specific list of Proxy servers

http://{device}/api/cmc.web-proxy/2.0/proxy_chain{?profile_id}

JSON

```
{
  "profile_id": identifier,
  "http": [
    {
      "address": remote_address,
      "port": remote_port
    }
  ],
  "https": [
    {
      "address": remote_address,
      "port": remote_port
    }
  ],
  "chaining_mode": chaining_mode
}
```

Property Name	Type	Description	Notes
<i>proxy_chain</i>	<object>	Profile specific list of Proxy servers	
<i>proxy_chain.profile_id</i>	<identifier>		Read-only;
<i>proxy_chain.http</i>	<array of <object>>	List of HTTP servers	Optional;
<i>proxy_chain.http[items]</i>	<object>		Required properties: [address, port];
<i>proxy_chain.http[items].address</i>	<remote_address>	Remote address/IP	Pattern: '^(([a-zA-Z0-9][a-zA-Z0-9][a-zA-Z0-9\-\-]*[a-zA-Z0-9])\.)*([A-Za-z0-9][A-Za-z0-9\-\-]*[A-Za-z0-9])\$';
<i>proxy_chain.http[items].port</i>	<remote_port>	Remote port	
<i>proxy_chain.https</i>	<array of <object>>		Optional;
<i>proxy_chain.https[items]</i>	<object>		Required properties: [address, port];
<i>proxy_chain.https[items].address</i>	<remote_address>	Remote address/IP	Pattern: '^(([a-zA-Z0-9][a-zA-Z0-9][a-zA-Z0-9\-\-]*[a-zA-Z0-9])\.)*([A-Za-z0-9][A-Za-z0-9\-\-]*[A-Za-z0-9])\$';
<i>proxy_chain.https[items].port</i>	<remote_port>	Remote port	
<i>proxy_chain.chaining_mode</i>	<chaining_mode>		Values: off, automatic, manual;

Links

proxy_chain: get

GET http://{device}/api/cmc.web-proxy/2.0/proxy_chain{?profile_id}

Response Body

Returns a [proxy_chain](#) data object.

proxy_chain: create

POST http://{device}/api/cmc.web-proxy/2.0/proxy_chain{?profile_id}

Request Body

Provide a [proxy_chain](#) data object.

Response Body

Returns a [proxy_chain](#) data object.

Resource: poller

Temporary callback for statistics poll requests.

http://{device}/api/cmc.web-proxy/2.0/poller_callback

JSON

```
{
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>poller</i>	<object>	Temporary callback for statistics poll requests.	Required properties: [poll_req_id, serial, poll_time, resp_data];
<i>poller.<prop></i>	<any>		Optional;

Links**poller: callback**

Callback to get polled response.

POST http://{{device}}/api/cmccmc.web-proxy/2.0/poller_callback

Request Body

Provide a [poller_response](#) data object.

Response Body

On success, the server does not provide any body in the responses.

Type: identifier**JSON**

```
integer
```

Property Name	Type	Description	Notes
<i>identifier</i>	<integer>		Read-only; Minimum 1;

Type: unrestricted_name**JSON**

```
string
```

Property Name	Type	Description	Notes
<i>unrestricted_name</i>	<string>		Pattern: '^[a-zA-Z0-9-][a-zA-Z0-9-]*\$ ^[a-zA-Z0-9_-][a-zA-Z0-9_-]+[a-zA-Z0-9_-]\$';

Type: hostname**JSON**

```
string
```

Property Name	Type	Description	Notes
<i>hostname</i>	<string>		Pattern: '^(?([a-zA-Z0-9][a-zA-Z0-9][a-zA-Z0-9-]*[a-zA-Z0-9])\.)*(?([A-Za-z0-9][A-Za-z0-9][A-Za-z0-9-]*[A-Za-z0-9])?)\$';

Type: remote_address

Remote address/IP

JSON

string

Property Name	Type	Description	Notes
<i>remote_address</i>	<i><string></i>	Remote address/IP	Pattern: '^\(([a-zA-Z0-9] [a-zA-Z0-9][a-zA-Z0-9-9\-*[a-zA-Z0-9])\.)*([A-Za-z0-9][A-Za-z0-9][A-Za-z0-9\-*[A-Za-z0-9])\$';

Type: remote_port

Remote port

JSON

integer

Property Name	Type	Description	Notes
<i>remote_port</i>	<i><integer></i>	Remote port	Range: 0 to 65535;

Type: domain_name

JSON

string

Property Name	Type	Description	Notes
<i>domain_name</i>	<i><string></i>		Pattern: '^(\\.)?[0-9A-Za-z](((0-9A-Za-z)-){0,61}[0-9A-Za-z])?(\.[0-9A-Za-z](((0-9A-Za-z)-){0,61}[0-9A-Za-z])?)*\.\$';

Type: domain_state

Optimization state of the domain

JSON

string

Property Name	Type	Description	Notes
<i>domain_state</i>	<i><string></i>	Optimization state of the domain	Values: white, black, grey;

Type: chaining_mode

JSON

string

Property Name	Type	Description	Notes
<i>chaining_mode</i>	<i><string></i>		Values: off, automatic, manual;

Type: server_mode

JSON

string

Property Name	Type	Description	Notes
<i>server_mode</i>	<i><string></i>		Values: http, https;

Type: proxy_exception_set

JSON

```
{
  "row_id": identifier,
  "domain_name": hostname,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>proxy_exception_set</i>	<object>		Required properties: [row_id, domain_name];
<i>proxy_exception_set.row_id</i>	<identifier>		Read-only;
<i>proxy_exception_set.domain_name</i>	<hostname>		Pattern: '^((([a-zA-Z0-9][a-zA-Z0-9][a-zA-Z0-9-]*[a-zA-Z0-9])\.)*([A-Za-z0-9][A-Za-z0-9-]*[A-Za-z0-9]))?\$',
<i>proxy_exception_set.<prop></i>	<any>		Optional;

Type: ssl_domain_set

JSON

```
{
  "row_id": identifier,
  "domain_name": domain_name,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>ssl_domain_set</i>	<object>		Required properties: [row_id, domain_name];
<i>ssl_domain_set.row_id</i>	<identifier>		Read-only;
<i>ssl_domain_set.domain_name</i>	<domain_name>		Pattern: '^(*\\.)?[0-9A-Za-z]((([0-9A-Za-z]-){0,61}[0-9A-Za-z])?\\.([0-9A-Za-z]([0-9A-Za-z-]{0,61}[0-9A-Za-z])?)*\\.?\$';
<i>ssl_domain_set.<prop></i>	<any>		Optional;

Type: create_empty

JSON

```
{
  "profile_name": unrestricted_name,
  "site_info": {
    "site_id": [ identifier ],
    "site_type_id": [ identifier ],
    <prop>: any
  },
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>create_empty</i>	<object>		Required properties: [profile_name, site_info];
<i>create_empty.profile_name</i>	<unrestricted_name>		Pattern: '^([a-zA-Z0-9][a-zA-Z0-9-]*\$)^[a-zA-Z0-9-][a-zA-Z0-9-]+[a-zA-Z0-9-]\$',
<i>create_empty.site_info</i>	<object>		
<i>create_empty.site_info.site_id</i>	<array of <identifier>>		Optional;
<i>create_empty.site_info.site_id[items]</i>	<identifier>		Read-only;
<i>create_empty.site_info.site_type_id</i>	<array of <identifier>>		Optional;
<i>create_empty.site_info.site_type_id[items]</i>	<identifier>		Read-only;

<code>create_empty.site_info.<prop></code>	<code><any></code>		Optional;
<code>create_empty.site_info.oneOf[0]</code>	<code><object></code>		Required properties: [site_id];
<code>create_empty.site_info.oneOf[0].<prop></code>	<code><any></code>		Optional;
<code>create_empty.site_info.oneOf[1]</code>	<code><object></code>		Required properties: [site_type_id];
<code>create_empty.site_info.oneOf[1].<prop></code>	<code><any></code>		Optional;
<code>create_empty.<prop></code>	<code><any></code>		Optional;

Type: clone

JSON

```
{
  "source_profile": unrestricted_name,
  "profile_name": unrestricted_name,
  "site_info": {
    "site_id": [ identifier ],
    "site_type_id": [ identifier ],
    <prop>: any
  },
  <prop>: any
}
```

Property Name	Type	Description	Notes
<code>clone</code>	<code><object></code>		Required properties: [source_profile, profile_name, site_info];
<code>clone.source_profile</code>	<code><unrestricted_name></code>		Pattern: <code>^[a-zA-Z0-9-][a-zA-Z0-9_-]*\$</code> <code>^[a-zA-Z0-9_-][a-zA-Z0-9_-]+[a-zA-Z0-9_-]!\$</code> ;
<code>clone.profile_name</code>	<code><unrestricted_name></code>		Pattern: <code>^[a-zA-Z0-9-][a-zA-Z0-9_-]*\$</code> <code>^[a-zA-Z0-9_-][a-zA-Z0-9_-]+[a-zA-Z0-9_-]!\$</code> ;
<code>clone.site_info</code>	<code><object></code>		
<code>clone.site_info.site_id</code>	<code><array of <identifier>></code>		Optional;
<code>clone.site_info.site_id[items]</code>	<code><identifier></code>		Read-only;
<code>clone.site_info.site_type_id</code>	<code><array of <identifier>></code>		Optional;
<code>clone.site_info.site_type_id[items]</code>	<code><identifier></code>		Read-only;
<code>clone.site_info.<prop></code>	<code><any></code>		Optional;
<code>clone.site_info.oneOf[0]</code>	<code><object></code>		Required properties: [site_id];
<code>clone.site_info.oneOf[0].<prop></code>	<code><any></code>		Optional;
<code>clone.site_info.oneOf[1]</code>	<code><object></code>		Required properties: [site_type_id];
<code>clone.site_info.oneOf[1].<prop></code>	<code><any></code>		Optional;
<code>clone.<prop></code>	<code><any></code>		Optional;

Type: poller_response

JSON

```
{
  "poll_req_id": integer,
  "serial": string,
  "poll_time": integer,
  "resp_data": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<code>poller_response</code>	<code><object></code>		
<code>poller_response.poll_req_id</code>	<code><integer></code>	Request ID registered with poller	Optional;
<code>poller_response.serial</code>	<code><string></code>	Appliance from which response is received.	Optional;
<code>poller_response.poll_time</code>	<code><integer></code>	Time when resource was polled, in seconds since the UNIX epoch.	Optional;
<code>poller_response.resp_data</code>	<code><string></code>	Response from the polled request.	Optional;

<code>poller_response.<prop></code>	<code><any></code>		Optional;
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