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Guide to the Manage2 API

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Overview

The Manage2 API automates cPanel license management procedures. For example, you can use the Manage2 API to [reactivate your cPanel licenses](#).

Important:
You **must** authenticate with the proper permissions to call a function. Add the IP address from which to call the function to the Manage2 profile in Manage2's [Add an Access IP](#) interface (*Manage2 >> Dashboard >> Security >> Add an Access IP*).

For a list of available Manage2 API functions, read our [Manage2 API documentation](#).

Manage2 API basic information

- **Languages** — PHP, Perl
- **Methods** — GET, POST
- **Return Formats** — XML, JSON, YAML

Basic usage

You can access Manage2's API functions with the following methods:

Browser-based calls

You can access Manage2 API functions directly from any web browser when you call a function from a Manage2 session. For example:

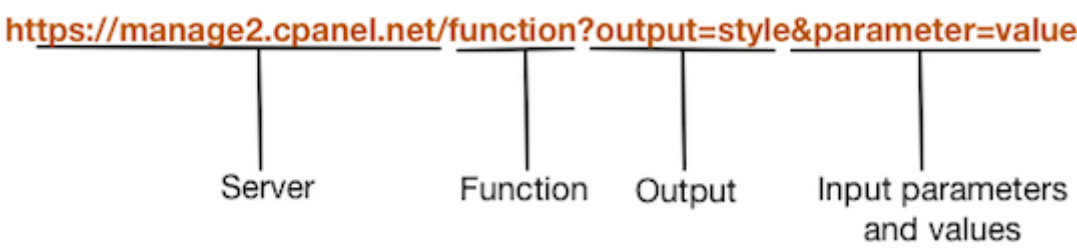
```
https://manage2.cpanel.net/XMLlicenseReActivate.cgi?output=json&liscid=1234
```

This example uses the following variables:

Variable	Description	Example
function	The Manage2 API function.	<code>XMLlicenseReActivate</code>
output	<div>Note: This variable is optional.</div> <div>The template for the return data, in <code>output=style</code> format:<ul style="list-style-type: none">• <code>json</code> — JSON output.• <code>yaml</code> — YAML output.The Manage2 API returns XML output by default.</div>	<code>output=json</code>
parameter	The parameters passed to the function, in <code>parameter=value</code> format.	<code>liscid</code>
value	The parameter's value.	<code>12345</code>

Browser session URL call parts

Browser-based Manage2 API calls resemble the following example:



Browser-based Manage2 API calls consist of the following basic parts:

Part	Description
<i>Server</i>	The HTTP address of the Manage2 account.
<i>Function</i>	The Manage2 API function name, followed by a question mark (?) character.
<i>Output</i>	The function's output style. For more information, read our Manage2 Return Data documentation.
<i>Parameters and values</i>	The function's parameters and their values.

The cPanelLicensing PHP class

You can access Manage2 API functions via the [cPanelLicensing PHP class](#):

```
1 <?php
2 include("cpl.inc.php");
3 $cpl = new cPanelLicensing("username@example.com", "123456luggage");
4 $license = $cpl->reactivateLicense(array(
5     "liscid" => "12345"
6 )
7 );
8 ?>
```

Important:
You **must** pass the username (for example, [username@example.com](#)) and password (for example, [123456luggage](#)) when you instantiate the PHP class.

This example uses the following variables:

Variable	Description	Example
<code>function</code>	The Manage2 API function name.	<code>reactivateLicense</code>
<code>parameter</code>	The parameters that you pass to the function, in <code>parameter=value</code> format.	<code>"liscid"</code>
<code>value</code>	The parameter's value.	<code>"12346"</code>

The cPanelLicensing Perl module

You can access Manage2 API functions via the [cPanelLicensing Perl module](#):

```
1 use cPanelLicensing;
2 my $cpl = new cPanelLicensing('user' => "username\@example.com", 'pass
3 my $licenseid = $licenseManager->reactivateLicense(
4     'liscid' => '12345'
5 );
```

Important:
You **must** pass the username (for example, [username@example.com](#)) and password (for example, [123456luggage](#)) to the module when you instantiate the Perl class.

This example uses the following variables:

Variable	Description	Example
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Variable	Description	Example
<code>function</code>	The Manage2 API function name.	<code>reactivateLicense</code>
<code>parameter</code>	The parameters that you pass to the function, in <code>parameter=value</code> format.	<code>'liscid'</code>
<code>value</code>	The parameter's value.	<code>'12345'</code>

cURL

You can access Manage2 API functions via the [cURL](#) command line tool:

```
curl 'https://manage2.cpanel.net/XMLlicenseReActivate.cgi?output=json&liscid=12345'
```

You can also include the function and variables in separate strings, separated by the data (`-d`) flag. For example:

```
curl 'https://manage2.cpanel.net/XMLlicenseReActivate.cgi' -d 'output=json&liscid=12345'
```

Important:
The system **ignores** any variables that you pass in the string **before** the `-d` flag. For example:

```
curl 'https://manage2.cpanel.net/XMLlicenseReActivate.cgi?output=json'
```

If you attempt to call the function in this format, the system ignores the `output=json` variable.

Additional Documentation

- [Manage2 Return Data](#)
- [cPanelLicensing Perl Module](#)
- [cPanelLicensing PHP Class](#)
- [Manage2 Authentication Methods](#)
- [Manage2 API Function - Add Group](#)

