

# Manage2 API Functions - Register Key-Based Authentication

## Guide to the Manage2 API

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- Register Key-Based Authentication
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## Description

This function registers a server to use keyed authentication.

## Examples

### Browser-based Calls

#### XML

```
https://manage2.cpanel.net/XMLregisterAuth.cgi?user=barney%40example.com&pickup=hi+there+have+you+met+ted%3F&service=license-suite-2000
```

#### JSON

```
https://manage2.cpanel.net/XMLregisterAuth.cgi?output=JSON&user=barney%40example.com&pickup=hi+there+have+you+met+ted%3F&service=license-suite-2000
```

#### YAML

```
https://manage2.cpanel.net/XMLregisterAuth.cgi?output=yaml&user=barney%40example.com&pickup=hi+there+have+you+met+ted%3F&service=license-suite-2000
```

## Function information

## About the Manage2 API

The Manage2 API automates license management procedures.

## Find a function

### ▼ cPanel Licensing PHP Class

```
<?php

include("cpl.inc.php"
);
    $cpl = new
    cPanelLicensing();

$cpl->registerAuth(ar
ray(
    "user" =>
    "barney@example.com",
    "pickup" =>
    "hi there have you
met ted?",
    "service" =>
    "license-suite-2000",

)
);
?>
```

### ▼ cPanel Licensing Perl Module

```
use cPanelLicensing;
my $cpl =
cPanelLicensing->new(
);
$cpl->registerAuth(
    'user' =>
    'barney\@example.com'
,
    'pickup' => 'hi
there have you met
ted?',
    'service' =>
    'license-suite-2000',
);
```

- [Manage2 API Functions - Look Up License ID](#)  
— This function returns an IP address's license ID.
- [Manage2 API Functions - Raw Look up](#)  
— This function returns an IP address's license information.
- [Manage2 API Functions - Add Licenses](#)  
— This function adds a new license to a Manage2 account.

#### Output (XML)

```
<XMLRegisterAuth
key="abcdefghijklmnop
qrst "
ip="192.0.32.10"
reason="Successfully
registered
license-suite-2000 on
192.0.32.10"
status="1" />
```

#### Output (JSON)

```
{
  "status": 1,
  "reason":
    "Successfully
    registered
    license-suite-2000 on
    192.0.32.10"
  "key":
    "abcdefghijklmnopqrst
    "
  "ip": "192.168.0.20"
}
```

#### Output (YAML)

```
---
status 1,
reason : Successfully
registered
license-suite-2000 on
192.0.32.10
key :
ablde2gh3jk4mn5pq6st
ip : 192.168.0.20
```

- Manage2 API Functions - Change a License IP Address - This function transfers an existing license.

## Parameters

Parameter	Type	Description	Possible values	Example
user	string	<b>Required</b> The account's username.	A valid username.	barney@example.com

pickup	<i>string</i>	<b>Required</b> The account's pickup phrase.	A valid passphrase. Use the <a href="#">Add a Pickup Phrase</a> function to add pickup phrases.	hi there have you met ted?
service	<i>string</i>	<b>Required</b> The name of the service that uses the authentication scripts.	A valid script service.	license-suit e-2000

## Returns

Return	Type	Description	Possible values	Example
reason	<i>string</i>	A message about the IP address authentication.	A string value.	Successfully registered license-suit e-2000 on 192.168.0.20
key	<i>string</i>	A key to authenticate the IP address.	A string value.	ab1de2gh3jk4 mn5pq6st
ip	<i>string</i>	The account's IP address.	A valid IP address on the server.	192.168.0.20
status	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> <li>• 1 — Success.</li> <li>• 0 — Failure.</li> </ul>	1