

api.ishidden.net dynamic dns (Developer Documentation)

Accessing The API

The isHidden.net API can be accessed over secure (SSL) http GET requests, for security reasons there is no unsecure plain-text version.

The API is located at <https://api.ishidden.net/> however you must use a custom User-Agent in order to use the API this limits old applications from using a newer API version.

The custom User-Agent is,

```
"User-Agent: isHidden/VERSIONmajor.VERSIONminor"
```

And the current API version is "0.1" therefore the User-Agent must be as follows,

```
"User-Agent: isHidden/0.1"
```

API Functions

The current version of the API provides three (3) functions for developers.

My IP:

This function returns the IP address of the caller's computer.

Get IP:

This function returns the IP address of a zone name.

Set IP:

This function updates a zone with a new IP address.

My IP Function

The My IP function is accessed as follows,

```
"https://api.ishidden.net/?myip"
```

The return value of the function will be the caller's IP address.

Get IP Function

The Get IP function is accessed as follows,

```
"https://api.ishidden.net/?getip&zone=%1"
```

Where %1 is the zone name for example 'kate'

The return value of the function will be one of the following,

ERR0 – No zone param was found in the request.

ERR1 – The zone was not in a valid format.

ERR2 – The zone does not exist.

Else the return value will be the IP address of the requested zone name.

Set IP Function

The Set IP function is accessed as follows,

"https://api.ishidden.net/?setip&zone=%1&pass=%2&ip=%3"

Where %1 is the zone name for example 'kate'

Where %2 is the password for the account for example 'mypassword'

Where %3 is the new IP address for the zone for example '91.198.174.2'

The return value of the function will be one of the following,

ERRO – No zone, pass or ip param was found in the request.

ERR1 – The zone was not in a valid format.

ERR2 – The IP address was not in a valid format.

ERR3 – The zone does not exist.

ERR4 – The account is not valid. (Not verified, suspended, etc.)

ERR5 – The password is invalid for requested account.

Else the return value will be **OK** and the zone will be marked for update.

Extra Security

To prevent any sort of man in the middle attack while communicating with the API your application may wish to check the signature of the SSL certificate.

```
77:1E:F1:C3:18:DB:E7:42:AA:8A:29:F0:1F:B7:AE:F9:79:FA:
E9:58:75:EB:9F:3E:1B:0B:3E:73:47:F1:30:4B:09:33:A1:C4:
6D:EB:0D:26:E5:93:BE:8B:FF:0D:0F:60:77:4D:2B:F4:00:4C:
E3:AA:4C:6A:C3:5B:09:D2:09:16:98:26:C7:A3:04:5D:36:EB:
10:FF:2A:60:CA:DE:14:A3:6A:C7:77:FA:22:B3:8B:5A:6F:63:
45:41:58:0A:C1:0F:8A:A5:C7:1C:EE:B1:3A:41:16:76:7D:A8:
B2:F8:55:FD:DD:7F:BD:64:3C:3D:E4:E0:BD:75:99:24:A3:BB:
B1:C2:99:FF:4B:EB:73:77:87:E0:03:0F:1F:E6:82:7C:5A:14:
78:50:52:FB:70:90:F6:E3:1F:90:42:E9:7D:00:73:7B:05:18:
40:25:7F:05:D9:DE:8D:95:89:8F:9E:66:F4:12:40:0D:58:51:
AD:0D:9C:50:F8:97:F1:9D:7E:46:EE:13:89:BE:EF:D7:E0:CE:
A9:D1:7A:AB:71:0C:2F:DE:DB:2C:C5:F3:CB:B3:E0:66:84:33:
90:B1:60:9B:25:61:95:2A:56:76:AA:4F:6C:18:69:DC:50:84:
0D:A8:10:F8:8F:7B:06:14:6B:F6:C6:7C:06:27:02:35:E9:93:
12:41:EF:52
```

If the signature does not match you should terminate the connection.

Changes

API Version: **0.1**

Document Version: **1**

Date: **16/08/2008 – Present**

Notes: **First version of the API and documentation.**