

# Package ‘ip2proxy’

November 10, 2020

**Type** Package

**Title** Lookup for IP Address Proxy Information

**Version** 1.0.0

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**Description** A R package to find the IP addresses which are used as VPN anonymizer, open proxies, web proxies and Tor exits.  
The package lookup the proxy IP address from IP2Proxy BIN Data file. You may visit <<https://lite.ip2location.com>> for free database download.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Depends** R (>= 3.2.3)

**Imports** reticulate (>= 1.13), stringr (>= 1.4.0), jsonlite (>= 1.6)

**LazyData** true

**SystemRequirements** IP2Proxy Python library  
<<https://www.ip2location.com/development-libraries/ip2proxy/python>>

**RoxygenNote** 7.1.1

**NeedsCompilation** no

**Repository** CRAN

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get_all	<i>Lookup for IP address proxy information</i>
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**Description**

Find the country, region, city, ISP, domain name, usage types, asn, as name, last seen and threat type. The return values will be depending on the BIN data loaded.

**Usage**

```
get_all(ip)
```

**Arguments**

ip	IPv4 or IPv6 address
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**Value**

Return all the proxy information about the IP address

**Examples**

```
get_all("8.8.8.8")
```

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is_proxy	<i>Lookup for IP address proxy information</i>
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**Description**

Check whether if an IP address was a proxy.

**Usage**

```
is_proxy(ip)
```

**Arguments**

ip	IPv4 or IPv6 address
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**Value**

Return a digit value: -1 (errors), 0 (not a proxy), 1 (a proxy), and 2 (a data center IP address).

### Examples

```
is_proxy("8.8.8.8")
```

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open

*Load IP2Proxy BIN data*

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### Description

Load the IP2Proxy BIN data for lookup. Free IP2Proxy LITE data available for download at <<https://lite.ip2location.com/>>

### Usage

```
open(bin_location)
```

### Arguments

bin\_location    Absolute path of IP2Proxy BIN data

### Examples

```
open("~/IP-COUNTRY.BIN")
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