



# Luminati's Unblocker

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## What is Luminati's Unblocker?

**Luminati's Unblocker** is the first unblocking software that automates IP management and upgrades requests to appear exactly like a real browser. Created by our Luminati proxy experts, it allows you to reach 100% success in your scraping with no special configuration or experience required.



Our powerful unblocking software saves time, development costs, and the headache of dealing with errors, retries, and partial/incorrect data. With the Unblocker, you just send one request, and we will handle everything in the background ensuring you won't get blocked and only receive the most accurate data available.

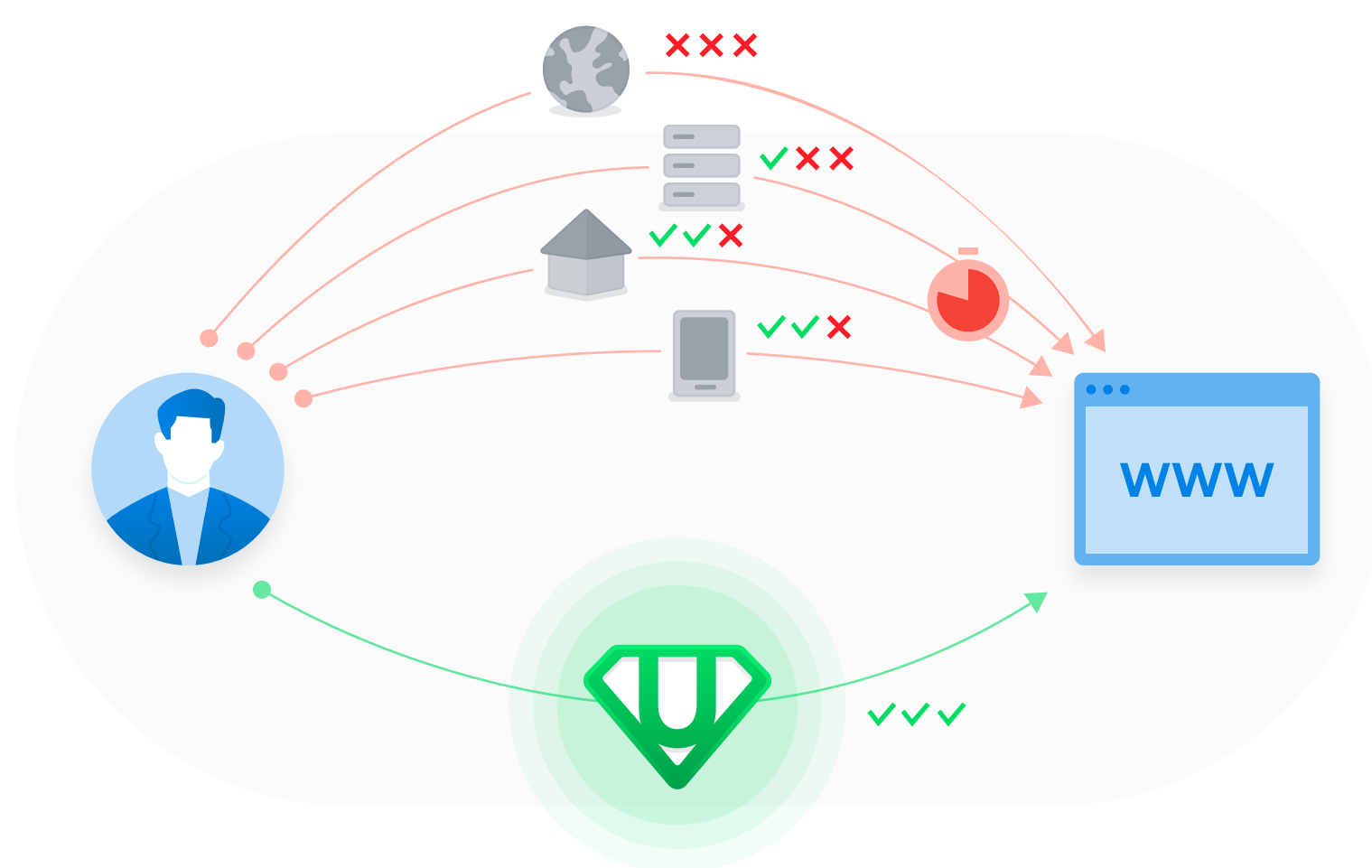
When scraping target sites, a proxy network is required to achieve a high success rate, but as anti-scraping technology improves more factors need to be taken into consideration. In addition to managing IP addresses, you also need to ensure correct and consistent user-agents, HTTP protocol versions and settings, proper cookie management, the use of browser-like headers, and the right TLS extensions.

Luminati's Unblocker allows you to send your requests, through an API endpoint or the **Luminati Proxy Manager** and ensures you receive the accurate data you require.

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## How does Luminati's Unblocker work?

The Unblocker is a new type of upgrade proxy that will make your requests indistinguishable from real browsers' requests. It will take over the IP management and determine the best country, city, and network for you. It will also validate the content integrity and retry seamlessly if it detects bad data. The Unblocker will cloak your original device fingerprint with our cutting edge protocol upgrading technology that takes into account these variables for you:



## Headers

Luminati's Unblocker employs a header management system to guarantee requests appear as if they are coming from a real browser (e.g. if imitating chrome, the unblocker will add all the headers that chrome would send, and will remove all the headers chrome would not send). The unblocker rotates through different browsers automatically, depending on your target site's requirements, and ensures accurate data so you can **stop worrying about your device fingerprints and let the experts handle it for you.**

## Protocol

The internet operates on different protocols. HTTP/1, HTTP/1.1, HTTP/2, and continues to introduce new protocols like QUIC (HTTP/3). Most scrapers are using HTTP/1.1, and most browsers are working on HTTP/2. The Unblocker upgrades the request protocol to look like a browser. **Just send a simple request and the unblocker will choose the right protocol for you.**

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## Country/IP selection

Luminati's Unblocker automates country selection by matching your requests with the best peer IP. The unblocker takes into account rate-limitations imposed by your target site and **handles all IP rotation for you, to get the most accurate results.**

## Automatic-retry

The unblocker internally retries requests to boost your success rate and get your needed data faster.

## Content Matching

Regardless of the format requested, your results will be returned in the same format.

## Anti-fingerprinting

Sophisticated target sites may block or cloak completely valid requests due to the requests' fingerprints. This includes:

- User-agent
- Accept-language
- Correct headers (that match the browser from the user-agent)
- Headers (the order, case value, accept-language, accept-encoding, upgrade-connection, etc.)
- The HTTP version
- HTTP2 settings
- The TLS settings (extensions, cipher list, etc)
- Whether or not cookies are sent (cookies are usually bad for scraping)
- The IP country
- IP network

**Luminati's Unblocker handles all these aspects of fingerprinting and is constantly improving to handle the ever-evolving changes for you!**

## How to start?

Using Luminati's Unblocker is as easy as opening a new zone.

## API

You can send requests with our [proxy API](#) using a simple cURL request.

```
curl --proxy zproxy.lum-superproxy.io:22225 --proxy-user lum-customer-  
{your_customer_id}-zone-{your_zone}-unblock:{zone_password} -k "http://  
lumtest.com/myip.json"
```

## Luminati Proxy Manager

Open a new port using a previously created Unblocker zone.  
Click 'Add a new port,' choose your Unblocker zone and send your request as usual.

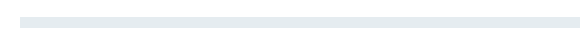
**Send your request via the new port:**

```
curl --proxy 127.0.0.1:24000 "http://lumtest.com/myip.json"
```

The screenshot shows the Luminati Proxy Manager interface. In the background, there is an 'Overview' section with a table of proxy ports. A red arrow points from the 'Add new proxy' button in this section to the 'Zone:' dropdown in a modal dialog box. The dialog box is titled 'Luminati' and shows the 'unblocker' zone selected. Below the zone name, there are details: 'Network type: Unblocker', 'Country: Any', and 'Permissions'. There is also a 'Preset configuration' dropdown set to 'Default (Long single session (IP))'. At the bottom of the dialog, there is a 'Save' button.

Actions	Proxy port	Type	Status
	24000	Luminati	OK

Name	Proxy port	Status
status check	24000	200
status check	24000	200



For questions please contact your account manager and stop worrying about your scraping, let our proxy experts do the work for you and contact [sales@luminati.io](mailto:sales@luminati.io)



## Learn more:

[Homepage](#)

[Unblocker homepage](#)

[FAQ](#)

## Contact us:

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