

# Documentation

## Proxy Options

(testproxy.com is your test server IP address)

Welcome to the Proxy Options Guide! This guide is designed to help you understand and utilize various proxy settings for your specific needs. Let's dive into the options available:

Options

### 1. Country Targeting (country)

Description: Specify the country for your proxy.

Options: Use a 2-letter country code (e.g., us for United States) or any for a random country.

Protocols: http socks5 socks5h

Example Usage: country-us targets the United States.

United States

```
curl -x username-country-us:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

Italy

```
curl -x username-country-it:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

Germany

```
curl -x username-country-de:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

France

```
curl -x username-country-fr:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

Random

```
curl -x username-country-any:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

## 2. State Targeting (state)

Description: Choose a specific state within the selected country.

Options: Up to 30 letters representing the state name.

Protocols: http socks5 socks5h

Example Usage: state-california targets California.

United States - Los Angeles

```
curl -x username-country-us-state-losangeles:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

United States - New York

```
curl -x username-country-us-state-newyork:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

Italy - Apulia

```
curl -x username-country-it-state-apulia:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

Germany - Bavaria

```
curl -x username-country-de-state-bavaria:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

## 3. City Targeting (city)

Description: Narrow down to a city within the chosen state and country.

Options: Up to 30 letters for the city name.

Protocols: http socks5 socks5h

Example Usage: city-losangeles for Los Angeles.

United States - New York - New York City

```
curl -x username-country-us-state-newyork-city-newyorkcity:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

United States - Texas - Houston

```
curl -x username-country-us-state-texas-city-houston:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

#### **4. Sticky IP (sid)**

Description: Maintain the same IP across multiple requests.

Options: Use a combination of letters and numbers, up to 60 characters.

Protocols: http socks5 socks5h

Example Usage: sid-12345abcde for a specific session ID.

Germany - Bavaria

```
curl -x username-country-de-state-bavaria-sid-129389sdkja:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

United States - Texas - Houston - Sticky IP

```
curl -x username-country-us-state-texas-city-houston-sid-123981272d123sdsdd:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

#### **5. Session Time-to-Live (ttl)**

Description: Set the duration for how long the session should remain active.

Default: 600 seconds.

Options: Any value from 600 to 86400 seconds.

Protocols: http socks5 socks5h

Example Usage: ttl-1200 for a 20-minute session.

United States - Texas - Houston - Sticky IP with Custom TTL

```
curl -x username-country-us-state-texas-city-houston-sid-123981272d123sdsdd-ttl-5900:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

## 6. Fastest Proxy (speed)

Description: Optimize for the fastest proxy response.

Default: 3.

Options: Scale from 1 to 10 (corresponds to number of sessions created in background).

Protocols: http socks5 socks5h

Example Usage: speed-7 for faster proxy responses.

United States - Texas - Speed

```
curl -x username-country-us-state-texas-sid-12398dkasj-speed-3:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

info

When you initiate a session, commonly referred to as 'session creation,' it involves making your first request to the proxy server with a specified sid. It's essential to note that each session check incurs a data usage of approximately 500 bytes. With the speed-3 option enabled, the total additional data consumption for creating a session is around 1.5KB. This is because the speed-3 setting triggers multiple checks to optimize for speed, each contributing to the total data usage. So, when planning your data usage, remember to account for this extra 1.5KB per session created with speed-3. This will help you manage your data more effectively in our software.

## 7. Strict Location Matching (strict)

Description: Ensure the proxy closely matches the specified location.

Default: 3.

Options: Scale from 1 to 10 (corresponds to number of sessions created in background).

Protocols: http socks5 socks5h

Example Usage: strict-3

```
curl -x username-country-us-state-texas-sid-12398dkasj-strict-3:password@gate.testproxy.com:8000 http://ip-api.com/json -v
```

When you select the strict-3 option for your session, it triggers a process designed for high-precision location matching. This setting instructs our system to create three separate sessions, each meticulously checked to ensure the proxy's location aligns closely with your request. It's important to note that each of these checks consumes approximately 500 bytes of data. So, when strict-3 is enabled, you'll be using an additional 1.5KB of data for these checks during session creation. This slight increase in data usage is a small trade-off for the benefit of highly accurate location matching that strict-3 provides. Opting for strict-3 ensures that our software goes the extra mile to align your proxy location as precisely as possible with your desired setting, enhancing your user experience.

## 8. Quality Filter (quality)

Description: Ensure the quality of proxy matches requirements.

Default: none.

Options: low medium high

Protocols: http socks5 socks5h

Example Usage: quality-medium

United States - Texas - Speed

```
curl -x username-country-us-state-texas-sid-s123dssa-quality-medium:password@gate.testproxy.com:8000  
http://ip-api.com/json -v
```

When you initiate a session, commonly referred to as 'session creation,' it involves making your first request to the proxy server with a specified sid. It's essential to note that each session check incurs a data usage of approximately 6000 bytes. With the quality-medium option enabled, the total additional data consumption for creating a session is around 18KB. This is because the quality-medium setting triggers multiple checks to optimize for speed, each contributing to the total data usage. So, when planning your data usage, remember to account for this extra 18KB per session created with quality-medium. This will help you manage your data more effectively in our software.