

## ILLICIT PROXY MARKET IN CANADA IN 2021

How easy it is to take over a Canadian identity?

## HOW MALICIOUS ACTORS USE PROXIES IN THEIR OPERATIONS



- 1 Malicious actors route their traffic and hide their identity through proxies: the internet abounds in offers, many listed on professional-looking websites with careful marketing to look legitimate.
- 2 Criminals leverage proxy anonymity to bypass server security systems and to prevent getting flagged as high-risk attack sources.
- 3 Most proxy providers advertise their services on the criminal underground, and even offer special deals and promotional codes.

## MISLEADING ADS: PROXY PROVIDERS DO NOT PROVIDE NEW IP ADDRESSES, AS CLAIMED



SAME IP IS  
OFFERED AS PROXY  
MULTIPLE TIMES



IPs SEEN MORE  
THAN ONCE



IPs PROVIDED BY  
2 PROVIDERS



IPs DETECTED AS  
INFECTED BOTS



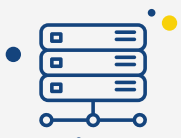
MOST IPs ARE  
NOT DETECTED AS  
FRAUDULENT



RENTING OUT COMPUTERS INFECTED WITH MALWARE AND IOT DEVICES FROM BOTNET OPERATORS

## PROXY PROFILES

## PROXIES CAN BE...



MISCONFIGURED  
SERVERS THAT CAN BE  
EASILY ABUSED



PURCHASED FROM  
LEGITIMATE TELECOM  
COMPANIES



HACKED SYSTEMS WHOSE  
BANDWIDTH IS ABUSED  
WITHOUT OWNERS' CONSENT



4G/5G DATA  
BOUGHT IN BULK  
AND RESOLD



Data centers are the cheapest option. The **premium** for residential versus data center proxies **varies between 47% and 67%**, depending on the level of activity.

The price for 4G/5G proxies is 3 to 8 times higher than that of data centers.

## A LOOK INTO CANADIAN PROXY PROVIDERS



OFFER A MIX OF CANADIAN  
AND INTERNATIONAL  
PROXIES



IP QUALITY IS NOT  
AS ADVERTISED



ROTATING CANADIAN  
PROXIES ARE NOT  
COMMONLY AVAILABLE



LITTLE TO NO  
SUPPLY FOR 4G/5G  
PROXIES



NO FREE TRIALS



CRYPTOCURRENCY  
PAYMENTS NOT  
ALWAYS AVAILABLE



CREDIT CARDS AND  
WEBMONEY ARE PREFERRED  
PAYMENT METHODS



PROVIDERS USE KYC  
MEASURES

GEOGRAPHICAL  
DISTRIBUTION  
ACROSS CANADA

Proxies can come from dozens of ISPs, and from any city in the country. With a fraud score below 10, the chances for them to be automatically flagged by security systems are slim.

