

Cybersecurity for all Canadians

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CYBERSECURITY FOR ALL CANADIANS

Cybersecurity at CIRA, by the numbers

As of Feb. 1, 2023, we protect over 8 million users with our recursive DNS services.

Our cybersecurity services:



DNS Firewall:

Protects 500+ organizations in Canada from malware, phishing and botnets.



Canadian Shield:

Free service used by over 4 million Canadians to block online threats.



Cyber Awareness Training Platform:

Provides ~400 organizations with a pre-built curriculum and automated phishing program.



Anycast (Secondary) DNS:

Global authoritative DNS infrastructure to help organizations keep their domains safe, resilient, and high performing; averages 3.73 billion queries per day.



TLD Anycast:

500+ TLD's under contract; averages 52.4 billion queries per day.



CYBERSECURITY FOR ALL CANADIANS

Leveraging our trust and resources to give back

- Ensuring our mission drives our commercial cybersecurity products
- Maximizing existing tools, technology, and teams
- Developing partnerships (e.g., Canadian Centre for Child Protection; Canadian Centre for Cyber Security) to augment our intelligence and impact
- Taking a long-term view with respect to return on investment

CYBERSECURITY FOR ALL CANADIANS

In focus: DNS Firewall & Canadian Shield

DNS Firewall

- January 2023: blocked over 1 billion malicious requests with a high of 44.7 million in one day.
- Customers include: 106 elementary and high schools, 95 municipalities, 17 healthcare institutions, 189 universities and research institutions



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Canadian Shield:

- Launched in April 2020 with goal of 100,000 users a year on; recently passed 4 million users.
- On average, blocked 10 million malicious requests per month in 2022.



Questions?