



CIRA & Internet Exchange Points in Canada



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We're building a better online Canada



**Canadian
Initiatives**



**Community
Initiatives**



Membership



**Global Internet
Leadership**

.CA

2.7 million .CA domains
with 100% uptime.

Cybersecurity Services

100,000 new cybersecurity threats
blocked daily by D-Zone Firewall.

Registry Services

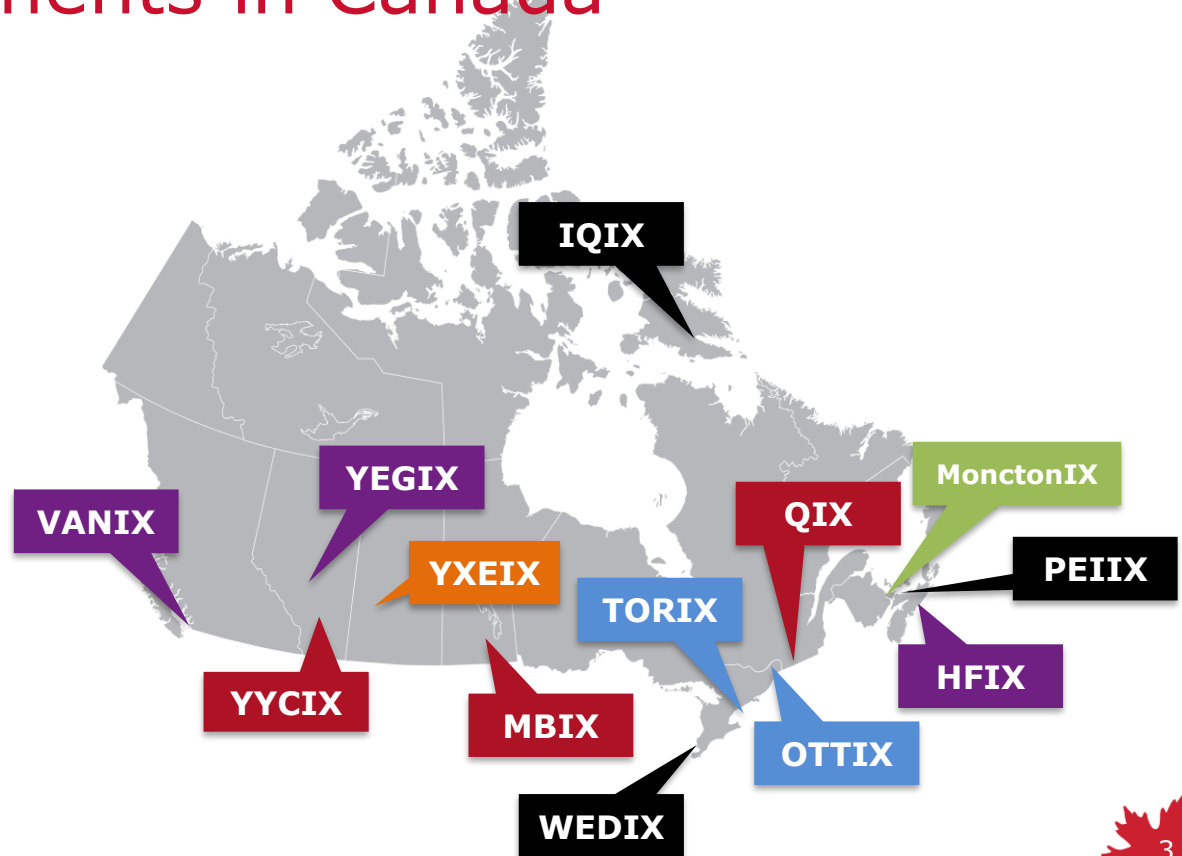
Robust top-level domain
products and services.



IXP Deployments in Canada

- 2012 (pre-existing)
- 2013
- 2015
- 2017
- 2018
- Under development

9 new carrier neutral IXPs since 2012





Why is CIRA working on IXPs?

- **“Building a Better Online Canada”**
- Developing local internet communities and expertise
- Delivering .CA DNS as close as possible to Canadian users
- Contributing to resilience in the face of large DDoS attacks against .CA
- Improving data sovereignty in Canada

How CIRA fosters Canadian IXPs

- Strengthening the IX fabric through learning and sharing
- Increasing the awareness of the benefits of peering
- Supporting IXPs in efforts to add peers

