



Public Safety
Canada

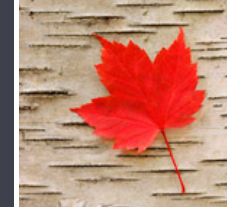
Sécurité publique
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Cyber Security Review: Renewing Canada's Approach

Consultation Session



Mandate letter commitment:

“Lead a review of existing measures to protect Canadians and our critical infrastructure from cyber-threats in collaboration with the Ministers of National Defence, Infrastructure and Communities, Public Services and Procurement, Innovation, Science and Economic Development, and the President of the Treasury Board.”

Cyber Review Objectives

- Review the cyber security landscape, including current gaps and opportunities; and
- Renew the Government of Canada’s approach to cyber security.

Responding to a changing cyber security environment



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- **Growing threat landscape**
 - Exponential growth in hacking, cybercrime
- **Emergence of cyber security as economic opportunity**
 - Canada among allies emphasizing cyber security innovation as competitive advantage
 - Allies are investing heavily to develop a next generation cyber security workforce and to support cyber security industry
- **Canada's approach needs to keep pace**
 - *Canada's Cyber Security Strategy* released in October 2010
 - Need to evolve from an approach based on securing targets

Cyber Review: Key Trends and Challenges



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Three trends in cyber security frame the public consultation, with specific challenges identified and questions posed for each:

Trend 1: Evolution of the cyber threat

- Addressing cybercrime and policing needs in cyberspace
- Protecting against advanced cyber threats
- Increasing public engagement in cyber security issues and practices

Trend 2: Increasing economic significance of cyber security

- Strengthening consumer confidence in e-commerce
- Embracing new cyber-secure technologies
- Protecting critical infrastructure

Trend 3: The expanding frontiers of cyber security

- Building a 21st century knowledge base
- Encouraging growth and innovation in cyber security



Cyber Review: The Way Forward on Cyber Security



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A way forward is proposed for Canada's renewed approach to cyber security, based on enduring strategic principles and action areas for targeted initiatives

Strategic Principles:

- Protect the safety and security of Canadians and critical infrastructure
- Defend rights and freedoms online
- Foster economic growth and prosperity
- Adapt to address emerging technologies and the future
- Define roles and coordinate across jurisdictions, sectors, and borders

Action Areas:

- Resilience: preventing, mitigating, and responding to cyber attacks targeting Canadian systems and institutions; increasing public engagement
- Cooperation & Capability: working together to develop the skills, resources, and tools needed for effective cyber security in Canada
- Cyber Innovation: anticipating trends, adapting to a changing environment, and remaining on the leading edge of innovation in cyber security



Timeline and Conclusion



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Approach

- **All Canadians to be conducted through web engagement**
 - Submissions will be anonymous, unless respondents choose to self-identify
 - Respondents will also have the option to submit supplementary issue papers or position statements by email
- **Roundtable discussions with cyber security stakeholders & experts**
 - Participants will be asked to submit comments via the website

Timeline

- **Consultation planned to run through September**
 - Website live until October 15, roundtables to be held August to September
- **“What We Heard” to be communicated in Fall-Winter 2016**

