



# Council for Cyber and Business Security

## Agenda

Wednesday, February 15, 2023

11:00 a.m. – 3:15 p.m. EST

## Theme: Zero-Trust

During our Winter 2023 meeting, we will be themed on Zero-trust as we mature our security posture and how to best increase resilience in the use of Zero-trust models. Research in this area has been ongoing for several years, and took up more relevance with cybersecurity researchers at [NIST](#) and [NCCoE](#) leading to the publication of *SP 800-207, Zero Trust Architecture*. The publication defines zero trust (ZT) as a collection of concepts and ideas designed to reduce the uncertainty in enforcing accurate, per-request access decisions in information systems and services in the face of a network viewed as compromised. The corporate "moat" concept is no longer seen as a sustainable model, as subcontractors and employees work from home or bring their own devices, as corporate IT partners with Cloud providers and 3rd party service providers and as the explosion of data points collected with incoming 5G data rich capacity is rolled out. A zero trust architecture (ZTA) is an enterprise's cyber security plan that utilizes zero trust concepts and encompasses component relationships, workflow planning, and access policies. We will discover ways of introducing or enhancing existing ZTA, share successes and barriers as well as paths to maturing the resilience of our infrastructure.

### Learning objectives

- **IDENTIFY** pathways to implementing Zero-Trust concepts.
- **LEARN** Zero-Trust commercial offerings.
- **REFLECT** on Zero-Trust NIST/NCCoE standard frameworks.
- **SHARE** best practices and potential barriers to successful introduction of Zero-Trust.



## Schedule

- 11:00 a.m. Welcome and Opening Remarks**
- Deborah Fleck Senior Council Manager  
Gwen Beauchemin, Strategic Council Advisor  
The Conference Board of Canada
- 11:10 a.m. Member Roundtable**
- Facilitated by: Gwen Beauchemin, Strategic Council Advisor
- What does Zero-trust mean to you?  
What's the most important aspect you're looking at?
- 12:00 p.m. Presentation: What to Expect when Adopting Zero Trust as an Organizational Model**
- This session will help participants gain a clearer understanding of what Zero Trust is and how to adopt it as an organizational model. We'll cover what Zero Trust is from a framework and methodology, the benefits and challenges of Zero Trust, the organizational culture required to adopt it, and how to start building your Zero Trust roadmap leveraging some of your existing technologies.
- Andrea Knoblauch, Principal (Security) Softchoice
- 12:45 p.m. Lunch**
- 1:30 p.m. Presentation and Discussion: Zero-Trust Frameworks**
- Rajiv Gupta, Associate Head, Canadian Centre for Cyber Security
- 2:15 p.m. Case study and Discussion: How to Transform from a Traditional Architecture Model to a Model Based on Today's Needs**
- Enterprise objective: Business technology systems and data are reliable and available to the legitimate users so the enterprise can provide timely, reliable business services.



Cybersecurity objectives: Ensure that only legitimate users and systems have access only to the systems they need, when they need them, and for the time they need them by implementing Zero Trust (ZT) solutions, including:

- Better prediction of user behavior
- Proactive cyber security actions using machine learning
- Better understanding and use of existing solutions.

Bobby Singh, Chief Information Security Officer and Chief Technology Officer, Toronto Stock Exchange

**3:00 p.m.                      Wrap-Up**

**3:15 p.m.                      Adjournment**

### **Contacts**

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