



Government of Canada Identity: The Next Challenge

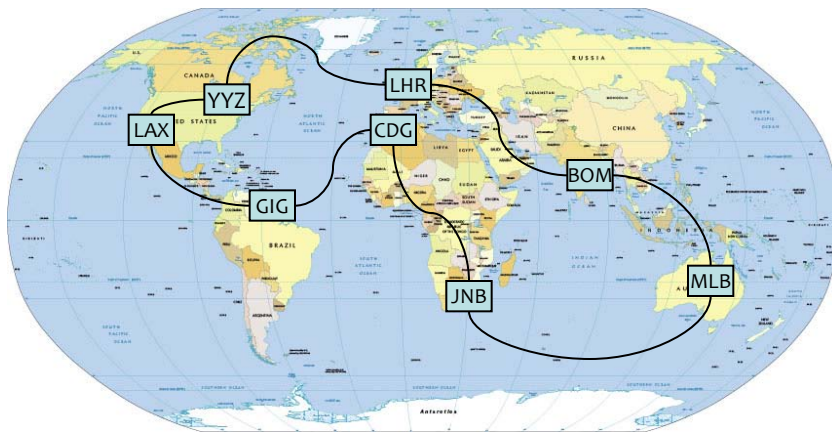
**GTEC Panel Discussion:
Identity - A Foundation for Enabling Connected
Government
Tuesday October 18, 2011**

**Pierre Boucher, Deputy CIO
Treasury Board Secretariat**

Everything We Do Is Moving Online...

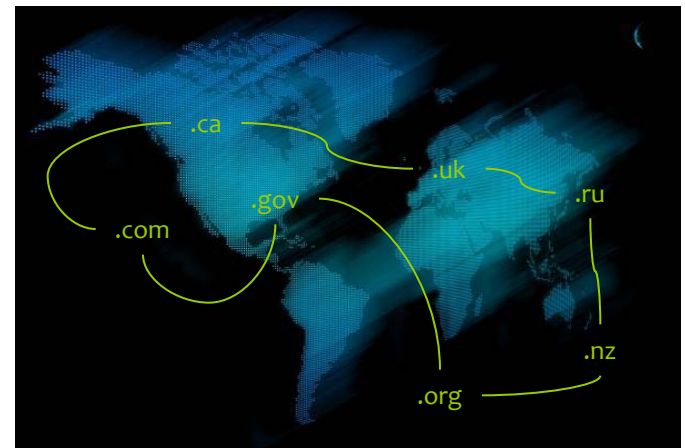
Our everyday transactions are moving into cyber space

You can travel the world with ease and confidence.



<<<CAN<<SMITH<<<JOHN<ROGER<<<<721231<<JP384241

But how do you access cyber space with ease and confidence?



Sign On: _____
Connect

UserID:JSMITH99 js99@mail.com @johns99

Your Identity is Moving Online

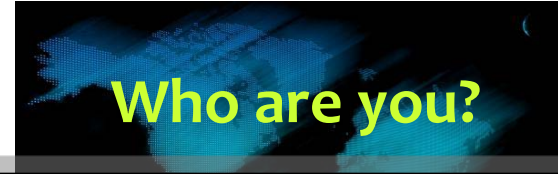
Who are you?



Identity in the physical world:

- Costly and complex but the risks are acceptable
- Traditional systems have evolved over decades to manage identity in their own domain
- Risks are mitigated by default due to closed systems, established standards, proven business practices, acceptance by users, etc.

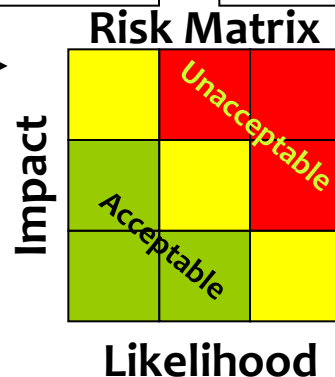
Who are you?



Identity in the online world:

- Cheaper and faster, but the risks are becoming unacceptable
- New online systems are morphing into interconnected identity systems
- Risks are exploited by default due to open systems, evolving standards, unproven technology, unsuspecting users, etc.

Identity risks in the physical world are acceptable →



← Identity risks in the online world are becoming unacceptable



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Who are you?

Identity is the starting point for services, benefits and entitlements

Today, identity is managed separately by each sector...



... but the impacts are felt by everyone

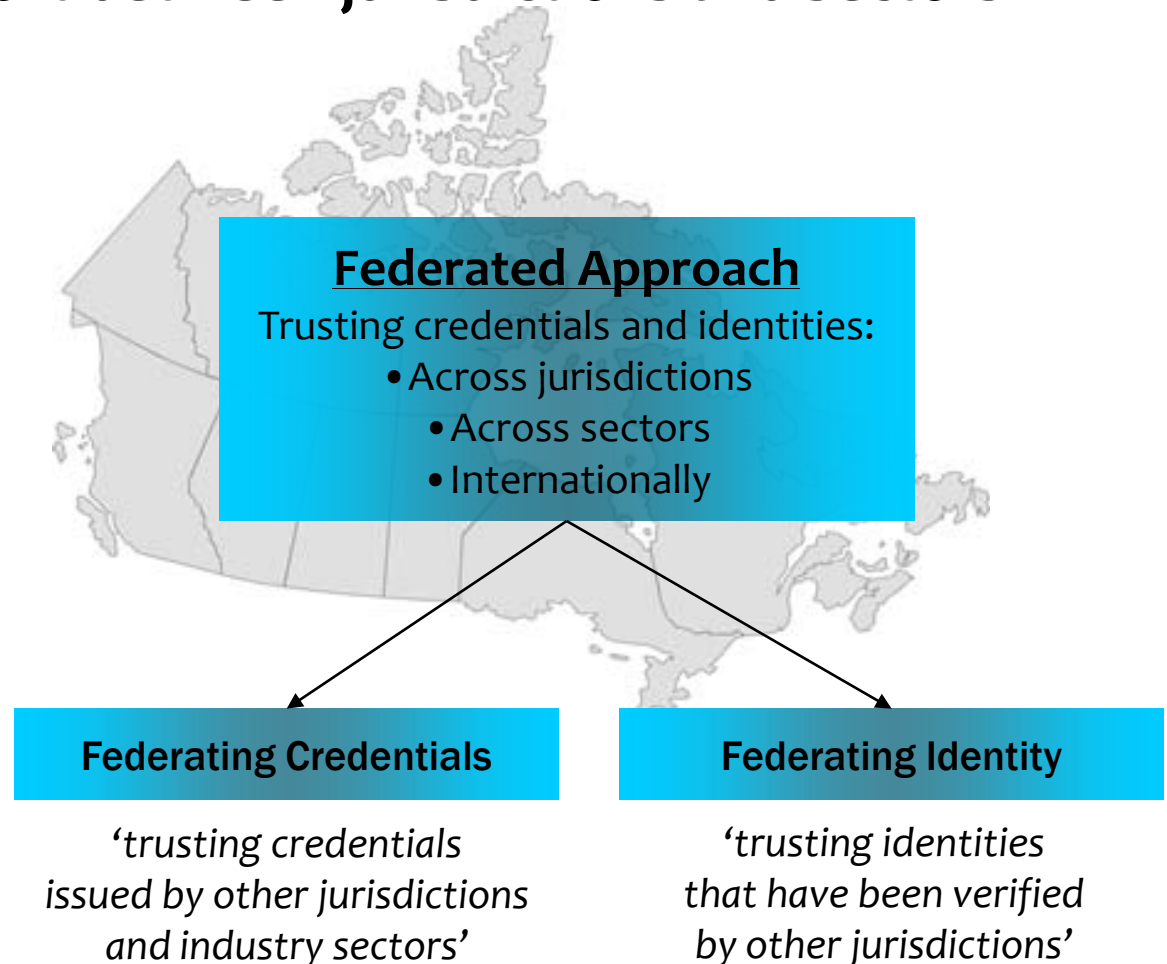


The Pan-Canadian Approach

Collaborative effort between jurisdictions and sectors

Approach:

- ✓ Preserve privacy and client choice
- ✓ Governments have a key role to play
- ✓ Collaborate with industry
- ✓ Phased incremental approach to building services and infrastructure



The Pan-Canadian Distinction

Federating Credentials

Federating Identity



Anonymous Credential

Separating credential from identity



Your identity

Benefits of a Credential-Only Initiatives

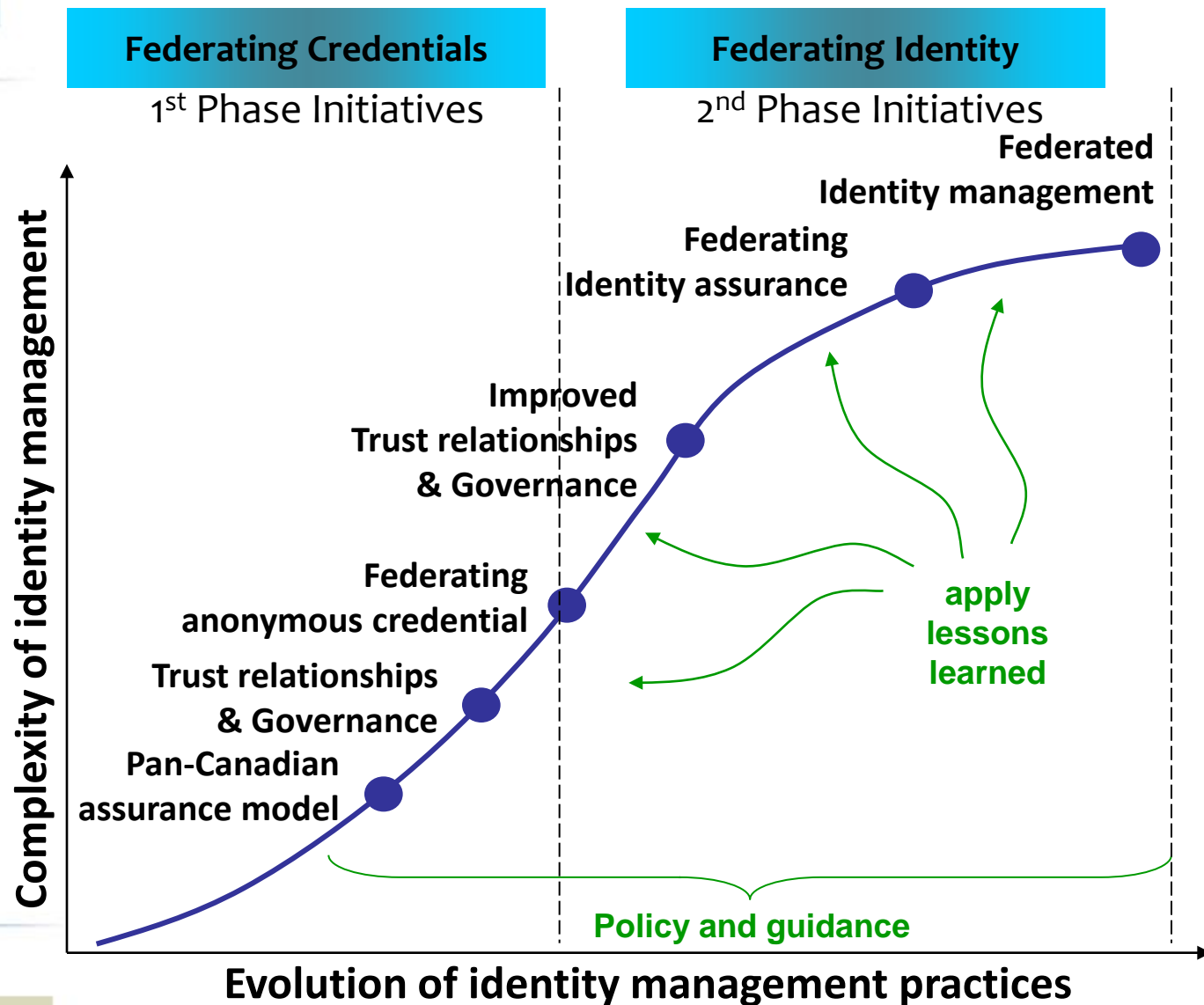
- ✓ Simpler to implement across jurisdictions and sectors
- ✓ Can be offered as a commercial service
- ✓ Works within current legislative framework (privacy protection)

Initiatives
will be
integrated
over time

Benefits of an Identity-Only Initiative

- ✓ Identity verification remains a separate responsibility.
- ✓ Commercial services can evolve to incorporate identity services (i.e. binding identity to credential)
- ✓ Easier to address regulatory & legislative issues

Federal Phased-Incremental Approach



Next Steps for the GC

...addressing the next set of challenges

Federating Credentials

Apply Lessons Learned

- ✓ Migration to standards-based solutions
- ✓ Issuance of RFPs, contracting, acquisition and governance
- ✓ Working with external partners (e.g. commercial service providers)
- ✓ Managing business issues (e.g. liabilities, business models)
- ✓ Adopting a GC enterprise approach

Federating Identity

Building a Trusted Ecosystem

- ✓ Broaden stakeholder consultation and engagement
- ✓ Evolve appropriate governance and oversight
- ✓ Determine legislative and policy requirements
- ✓ Build an enduring and inclusive infrastructure
- ✓ ... and more

Trusted Ecosystem across Canada

A trusted ecosystem requires governance and oversight, including:

- Policy Makers
- Framework Leaders
- Compliance Assessors
- Regulators

A trusted ecosystem also requires operational components, including:

- Supporting infrastructure
- Federation operator/broker

