

PSCIOC Information-Sharing Template – February 2019

Information Sharing is collected for the purpose of the PSCIOC Meeting of February 2019.

Information contained in this document cannot be shared without the approval of the member jurisdiction (author).

JURISDICTION:		Contact
1. Accomplishments: Briefly highlight major IT/IM accomplishments, progress, and/or significant milestones achieved in your jurisdiction over the past 6 - 12 months.	Cloud Computing <ul style="list-style-type: none">Procurement is activity underway for the establishment of a supply arrangement that will enable the GC to leverage commercial public cloud services for up to Protected B information.Consultation is underway for the Security Playbook for Information System Solutions. This playbook describes a set of activities to help projects achieve a reasonable level of security assurance when implementing an information system solution, in conformance with the Direction on the Secure Use of Commercial Cloud Services: Security Policy Implementation Notice (SPIN).Updated GC Cloud Adoption Strategy, Government of Canada White Paper: Data Sovereignty and Public Cloud and Direction for Electronic Data Residency have been published (March and July 2018).	Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca Natalie McGee Natalie.McGee@tbs-sct.gc.ca
	HTTPS Everywhere Dashboard <ul style="list-style-type: none">A web-based dashboard (https://https-everywhere.canada.ca) was established to track progress on departmental compliance to the Direction for Implementing HTTPS for Secure Web Connections: Information Technology Policy Implementation Notice (ITPIN) which directs departments to implement Hypertext Transfer Protocol Secure (HTTPS) for web connections. This dashboard aligns with the GC Digital Standards. While currently only available within the GC, activities are underway to enable the public to freely see this GC departmental compliance rate in order to demonstrate transparency. This approach is based on the United States government’s approach to compliance and transparency (https://pulse.cio.gov).	Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca
	GC Password Guidance <ul style="list-style-type: none">GC Password Guidance was published which sets out best practices to securely manage passwords in the GC as well as advice and direction for GC system owners to consider when implementing password-based authentication systems for level of assurance 2.	Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca
	Digital Identity <ul style="list-style-type: none">The Pan-Canadian Trust Framework (PCTF) was alpha tested and an assessment process was developed to formalize the acceptance of trusted digital identities as provided by the provinces or territories.The Pan-Canadian Trust Framework (PCTF) Assessment with the Province of Alberta was completed. A letter of acceptance was issued, and the Province of Alberta My Alberta Digital Identity (MADI) program was successfully on boarded.The draft of Canada’s Digital Identity Strategy was finalized (December 28, 2018).	Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca

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	<p>GC Cyber Security Event Management Plan (CSEMP)</p> <ul style="list-style-type: none"> • An Assistant Deputy Minister (ADM)/Director General (DG) level tabletop exercise was conducted, EnGarde 2018, to test how the GC responds to a significant cyber event under the GC Cyber Security Event Management Plan (CSEMP). This exercise consisted of 65 participants, including 17 ADMs across 11 departments and agencies. • This exercise helped improve the ability of the GC to deal with potential cyber threats, vulnerabilities and incidents in a more proactive manner and to ensure that business impact is a key consideration in all event management decisions. • Overall, participants expressed satisfaction that the exercise successfully tested the GC CSEMP and instilled confidence in the GC's ability to respond to a real-life cyber event. • An update to the GC CSEMP will be underway to reflect the key observations and recommendations from the lessons learned from EnGarde 2018. <p>Digital Enablement</p> <ul style="list-style-type: none"> • In April 2018, 3-year funding was secured from the Chief Information Officers Council to deliver the first iteration of the Open Accessible Digital Workspace — enabling public servants and partners to work together, from anywhere, on any device. <ul style="list-style-type: none"> ◦ GCaccount live, GCprofile prototype completed in May 2018 — Design and development to be completed January 2019, new Collaboration service UX research (October) and requirements (November) completed, Common navigation research (October) and design (December) completed. ◦ Continuing to maintain and support legacy tools (e.g. GCcollab) during development of OADW. • OneGov omni-channel service vision has been established where citizens can access any government service digitally, on any platform, using any device, and through any partner (OneGov video). • OneGov cluster management model was established to advance the technology components that enable the OneGov vision for service delivery. • The use of voice assistant technology in the GC has been advanced through the development of voice assistant service prototypes (e.g. recall information), information sessions and documentation of lessons learned. • The practice of leveraging smart devices to deliver GC services has been advanced through development of a smart fridge application prototype and documentation of the technical how-to. • The Government of Canada Standards on APIs were published to better support integrated digital processes across departments and agencies. • The Digital Exchange Community of Practice was formed, a working-level community that serves as a forum to exchange ideas and highlight best practices related to interoperability. Over 300 participants, including GC departments and agencies, crown corporations, as well as provincial participants. • The Challenge-Based Solicitation for an Event Broker Solution was released in partnership with Shared Services Canada. This advances the development of challenge-based procurements in the GC while seeking to procure a key part of the interoperability solution for the GC. • A Proof of Concept with Estonia on their interoperability platform XRoad was run and tested. 	<p>Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca</p> <p>Owen Teo Owen.Teo@tbs-sct.gc.ca</p>
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	<ul style="list-style-type: none"> • The Government of Canada Digital Standards were published to help guide the federal government in delivering user-centered services to citizens. • The Alpha version of the API Store was launched. <p>Artificial Intelligence</p> <ul style="list-style-type: none"> • The Directive on the Use of Machine Learning for Decision-Making is on track to be published in early 2019. This directive is linked to the use of Artificial Intelligence inside public service delivery and encompasses machine-learning as the initial step for ethical and responsible advice and guidance linked to broader AI application. • TBS, in partnership with Public Services and Procurement Canada, developed a flexible procurement vehicle for AI products, solutions, and services. On January 15, 2019, we published the AI Source List, a pre-qualified source list of AI suppliers of a diversity of service-enhancing opportunities, such as chatbots and predictive modelling. <p>Guidance on Lifecycle Management</p> <ul style="list-style-type: none"> • In August 2018 the Direction on Windows 10 Desktop Operating System Migration and Configuration: IT Policy Implementation Notice (ITPIN) was published. The use of modern operating systems that are correctly configured and maintained with up-to-date software is a key element of an IT asset lifecycle management strategy. <p>Digital Communications</p> <ul style="list-style-type: none"> • October 2018, publication of the Direction on Migration to BlackBerry Messenger Enterprise (BBME): IT Policy Implementation Notice (ITPIN) <p>Enterprise Architecture</p> <ul style="list-style-type: none"> • April 2018, the Policy on Management of Information Technology that outlines the updated responsibilities of the GC CIO and the creation of the GC EARB and the associated details was updated. • December 2018, the Directive on Management of Information Technology that outlines specific criteria as to when a Departmental digital project must present to GC EARB including two new appendices was amended: <ul style="list-style-type: none"> ○ Appendix C – Mandatory procedures for Enterprise Architecture Assessment; and ○ Appendix D - Mandatory procedures for Application Programming Interfaces <p>Digital Policy and Services</p> <ul style="list-style-type: none"> • In March 2018, Treasury Board (TB) approved targeted amendments to the TB Policies on Information Management (IM) and Information Technology (IT). These changes will help departments position themselves for the government's broader digital vision by enhancing IT governance and oversight, supporting cloud services, strengthening cyber security, enhancing the role of CIOs in government, and developing the IT community for the future. • In April 2018, a new "Directive on the Business Number (BN)" was developed, requiring federal departments and agencies to use the BN as the common standard identifier for businesses operating in Canada. • In May 2018, the Digital Policy Services group launched public consultations on the development of a single TB Digital Policy in the open. This will replace the existing 	<p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p> <p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p> <p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p> <p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p> <p>Sonya Read Sonya.Read@tbs-sct.gc.ca</p>
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	<p>provide a written explanation to the requester when requests for personal information take more than 30 days to fulfill.</p> <p>Talent Cloud</p> <ul style="list-style-type: none"> Pilot was successfully launched in October 2018. <p>Digital 9 (Secretariat)</p> <ul style="list-style-type: none"> The establishment of the first Secretariat for the Digital 9 was organized and funded, on behalf of all countries in the group, beginning November 2018. The Secretariat was introduced at the D9 Summit in Israel in November 2018, which received a warm welcome from member countries. The updated D9 Charter was signed, and welcomed Mexico and Portugal to the group. An agreement was led on the responsible use of artificial intelligence (AI) within government, agreed to by all nine countries. <p>Digital Operations Strategic Plan</p> <ul style="list-style-type: none"> The plan was successfully launched in December 2018 and can be found at the following link: https://www.canada.ca/en/government/system/digital-government/digital-operations-strategic-plan-2018-2022.html <p>Digital Academy</p> <ul style="list-style-type: none"> The pilot was launched in the fall of 2018. The Canada School of Public Service is targeting July 2019 for their official launch. <p>Talent Management</p> <ul style="list-style-type: none"> Building upon the success of the EXposition Talent Management event held in December 2018, which leveraged enterprise data on executives to identify potential candidates for succession planning and career mobility opportunities, based on a number of factors such as Talent Map placement, performance management ratings, and potential and readiness for movement. <p>NextGen HR and Pay</p> <ul style="list-style-type: none"> Budget 2018 announced the Government of Canada's intention to find options for an alternative, long-term, and sustainable next generation pay solution. Under the Chief Information Officer of Canada, a dedicated and multidisciplinary team, known today as NextGen, was established at the Treasury Board Secretariat to develop options for an HR and pay solution. In parallel to identifying a viable market solution that meets the GC's business needs and enterprise vision of HR, the team has been dedicated to facilitating ongoing engagement with vendors, industry, users, and similar organizations who have undertaken large enterprise transformations. In October 2018, the NextGen team initiated a new agile procurement process to support an iterative conversation with industry and stakeholders. Gate two of the APP launched November 23rd and is expected to close February 4, 2019. 	<p>Lauren Hunter Lauren.Hunter@tbs-sct.gc.ca</p> <p>Mark Levene / Jordan Storozuk Mark.Levane@tbs-sct.gc.ca Jordan.Storozuk@tbs.sct.gc.ca</p> <p>Kayle Hatt / Sarah Wicks Kayle.Hatt@tbs-sct.gc.ca Sarah.Wicks@tbs-sct.gc.ca</p> <p>Olivia Neal Olivia.Neal@tbs-sct.gc.ca</p> <p>David Cramm David.Cramm@tbs-sct.gc.ca</p> <p>Jacquie Manchevsky Jacquie.Manchevsky@tbs-sct.gc.ca</p>
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2. Priorities:

Briefly describe what your organization sees as its **top IT/IM priorities/initiatives over the next 12 to 36 months**.

The PSCIOC is particularly interested in jurisdictional information in the following areas:

- **Digital Government**
- **Cyber Security**
- **Talent Management**

Cloud Computing

- In 2019, a GC priority is establishing the foundational elements needed to support Protected B workloads hosted in the cloud. This includes the Secure Cloud Enablement and Defence (SCED) initiative which will establish secure, dedicated network connections to GC-approved cloud service providers.
- Oversight, guidance and facilitation is being provided to the initiative ensure that the foundational technologies including high speed interconnectivity between the cloud service providers and the GC, security of any workload deployed there and workload enablement services are in place as departments become ready move their workload.
- In Q1 2019, we expect to establish a GC-wide supply arrangement with contracts awarded to approve cloud service providers that will enable departments to access cloud services and facilitate the official use Protected B information.
- In 2019 data centre migrations to the cloud will commence. Supported by both Workload Migration (WLM) and Application Modernization (AppMod) programmes.

HTTPS Everywhere Dashboard

- Provide targeted advice and guidance to departments to assist in achieving compliance prior to the public release of the dashboard.

Digital Identity

- Endorse the Whitehorse Declaration on Digital Identity.
- Continue to work on the Pan-Canadian Trust Framework and onboarding of Provinces/Territories.
- Launch Sign-In Canada, including onboarding new services and moving services on the existing platform, to Sign-In Canada.

Digital Enablement

- Continue development of the OADW:
 - Launch Minimum Viable Products (MVP) March/April 2019 for: new Collaboration service, GCprofile, Common navigation. Kick-off new Career service UX research and launch MVP in August-September 2019.
 - Continue to maintain and support legacy tools (e.g. GCcollab) during development of and transition to OADW as new applications replace old ones.
- Coordinate, lead and support projects and initiatives that advance the GC's ability to deliver on the OneGov vision by:
 - Strategically align and integrate GC initiatives to the OneGov vision (portal development, authentication, data sharing)
 - Advance the use of emerging technologies to improve service delivery, such as the use of chat bots as part of call centre redesign and piloting a new approach to website development and design (beta.canada.ca).
 - Secure and sustain strategic technology partnership activities between the GC and other jurisdictions to foster next generation service delivery solutions.
- Launch the full operational release of the **Government of Canada API Store**. The GC API Store is a marketplace to connect to and consume reusable GC Application

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	<p>Programming Interfaces (APIs), which are the primary way systems communicate with each other today.</p> <ul style="list-style-type: none"> • Award and implement an Event broker solution to support Internet of Things (IoT) and life event messaging between Federal, Provincial and Territorial systems; launch a production-ready version of the GC Enterprise Service Bus; and develop a prototype to test Tell Us Once. • Develop a training program in conjunction with the Canada School of Public Service to help federal departments build APIs and use the API Store. <p>Project and Portfolio Management</p> <ul style="list-style-type: none"> • Modernise project and portfolio management (PPM) capability across Government to improve decision making throughout the investment lifecycle. • Development of an enterprise view to reduce duplication of effort and disparate prioritization mechanisms and to improve government wide IT alignment to business priorities and act as one GC. <p>GC Enterprise Architecture Review Board</p> <ul style="list-style-type: none"> • In the next 12 months over 500 initiatives will be assessed against GC Digital and/or Architecture standards and guidelines. <p>Digital Policy</p> <ul style="list-style-type: none"> • Develop a single Digital Policy, including integrating and evolving the Treasury Board Policies on Service, Information Technology, and Information Management, and elements of cybersecurity, in order to support the transition into the digital era. This results-based policy transformation is guided by the GC Digital Standards and ultimately seeks to improve government operations and service delivery. • Complete the exercise underway to identify and address key policy and legal challenges that have an impact on the delivery of “tell us once” digital end-to-end Government of Canada services. <p>Open Government</p> <ul style="list-style-type: none"> • Host the Open Government Partnership Global Summit in Ottawa from May 29-31, 2019. • Expand the federated open data search pilot; objective of onboarding two provinces and two municipalities. • Launch the second phase of the Open by Default pilot project. • Continue user testing to enhance the ATIP Online Request Service and facilitate the onboarding of more GC institutions. • Provide quarterly reporting on the implementation of commitments within the Government of Canada’s National Action Plan on Open Government, including those on user-friendly open government, digital government and services and access to information. <p>Access to Information</p> <ul style="list-style-type: none"> • Support Bill C-58, an <i>Act to amend the Access to Information Act and the Privacy Act</i> and to make consequential amendments to other Acts, through the legislative process, and plan and prepare for the implementation of new legislation. 	<p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p> <p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p> <p>Sonya Read Sonya.Read@tbs-sct.gc.ca</p> <p>Melanie Robert Melanie.Robert@tbs-sct.gc.ca</p> <p>Ruth Naylor Ruth.Naylor@tbs-sct.gc.ca</p>
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	<ul style="list-style-type: none"> • Bill C-58 commits the GC to begin a full review of the <i>Access to Information Act</i> within one year of the bill's coming into force. <p>Privacy Policy</p> <ul style="list-style-type: none"> • In response to the Office of the Privacy Commissioner's 2017-18 Annual Report to Parliament, implement an Action Plan to Strengthen Privacy Breach Prevention and Management. • Provide guidance for institutions to ensure privacy continues to be protected when releasing data on small numbers of individuals. • Develop and publish a Privacy Manual, to support consistent application of the Privacy Act, Regulations and related policies across the federal government. • Develop proposals for renewed privacy legislation for the digital age. • Work with the PSCIOC/PSSDC Privacy Sub-Committee and the Office of the Privacy Commissioner to identify opportunities to streamline Privacy Impact Assessments. <p>Talent Cloud</p> <ul style="list-style-type: none"> • Establish more partnerships for 2019-20 and continue to develop and test the World's first public sector "Gig marketplace". <p>Digital9 (Secretariat)</p> <ul style="list-style-type: none"> • Continue International Collaborations. <p>Digital Standards</p> <ul style="list-style-type: none"> • Socialize the new Government of Canada Digital Standards to ensure their adoption and operationalization. <p>NextGen HR and Pay</p> <ul style="list-style-type: none"> • To engage with users across Canada, NextGen has undertaken a number of engagement sessions, both in the National Capital Region and across Canada, to create awareness and offer hands-on engagement with user testing. The User Exhibition kicked-off in Ottawa on January 14 and concluded on February 11, 2019. More than 14 sessions are took place during this time period in cities such as Ottawa, Gatineau, Montreal, Edmonton, Victoria, Winnipeg, and Dartmouth. 	<p>Ruth Naylor Ruth.Naylor@tbs-sct.gc.ca</p> <p>Lauren Hunter Lauren.Hunter@tbs-sct.gc.ca</p> <p>Mark Levene / Jordan Storozuk Mark.Levane@tbs-sct.gc.ca Jordan.Storozuk@tbs.sct.gc.ca</p> <p>Olivia Neal Olivia.Neal@tbs-sct.gc.ca</p> <p>Jacquie Manchevsky Jacquie.Manchevsky@tbs-sct.gc.ca</p>
<p>3. <u>Issues and Needs:</u> Briefly describe any issues you would like to share with the Council and what assistance you might be seeking from PSCIOC.</p>	<p>Artificial Intelligence</p> <ul style="list-style-type: none"> • Procurement Source List: On January 15, 2019, we published the AI Source List, a pre-qualified source list of AI suppliers of a diversity of service-enhancing opportunities, such as chatbots and predictive modelling. • Government of Canada Enterprise Architecture Review Board (EARB) • Architecture Standards. • Algorithmic Impact Assessment Tool. • AI Source List (ITQ to be released Jan 2019). 	<p>Natalie McGee Natalie.McGee@tbs-sct.gc.ca</p>

	<p>Digital Identity</p> <ul style="list-style-type: none"> TBS, in collaboration with Identity Management Sub Committee (IMSC) and Digital Identity and Authentication Council of Canada (DIACC) will continue to contribute to the development and assessment of the Pan Canadian Trust Framework. TBS, in collaboration with IMSC and DIACC will publish and maintain its Digital Identity Strategy. <p>Digital Enablement</p> <ul style="list-style-type: none"> TBS is seeking examples of innovative service solutions at the provincial and territorial level that have the potential to be scaled. The Government of Canada supports omni-channel service vision OneGov, has dependencies on partner departments to deliver the various components of the Canadian Digital Exchange Platform. Support from partners is essential to delivery. TBS is seeking partners at the provincial and territorial level to advance the OneGov vision for service delivery (i.e. any service, via any device, on any platform, through any partner). <p>Digital Policy and Services</p> <ul style="list-style-type: none"> TBS will continue to seek feedback from multiple levels of government, external organizations, and individuals as the Digital Policy is developed and implemented, and would welcome any thoughts should members wish to participate. <p>Open Government</p> <ul style="list-style-type: none"> Having successfully demonstrated the proof of concept with the federated open data search pilot between the Governments of Alberta and Canada, there is opportunity to scale this up and onboard more provinces and territories. However the jurisdictions that have so far expressed interest in this project (e.g., discussions ongoing with Quebec and BC) may not have the capacity to undertake this work. We are seeking the assistance of the PSCIOC to: <ul style="list-style-type: none"> Leverage our engagement and appeal to expand the federated open data search project through onboarding other provinces and territories; Promote capacity building and collaboration for the advancement of open data across Canada; and Enhance and advance partnerships with jurisdictions. <p>NextGen HR and Pay</p> <ul style="list-style-type: none"> The NextGen team has committed to working in the open and posting documents publically. Further information, progress to date and how to connect with the team can be found on our website at http://www.tbs-sct.gc.ca/next-gen-prochaine/next-generation-human-resources-pay-system-public-service.html 	<p>Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca</p> <p>Owen Teo Owen.Teo@tbs-sct.gc.ca</p> <p>Sonya Read Sonya.Read@tbs-sct.gc.ca</p> <p>Melanie Robert Melanie.Robert@tbs-sct.gc.ca</p> <p>Jacquie Manchovsky Jacquie.Manchovsky@tbs-sct.gc.ca</p>
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<p>4. Topics of Interest:</p> <p>Please identify topics of interest to your jurisdiction for future PSCIOC meetings /teleconferences.</p>	<p>Digital Identity</p> <ul style="list-style-type: none"> Github repository for Pan-Canadian Trust Framework: https://github.com/canada-ca/PCTF-CCP <p>Digital Enablement – Omni-Channel Vision (OneGov)</p> <ul style="list-style-type: none"> The Government of Canada supports an omni-channel service vision, OneGov, where citizens can access any government service digitally, on any platform, using any device, and through any partner. Efforts are being made to advance the enabling technologies within government to achieve this vision as well as secure partnerships with industry that demonstrate this vision in practice. <ul style="list-style-type: none"> Link: OneGov Overview Video. Link: OneGov Approach Video. <p>Open Government</p> <ul style="list-style-type: none"> Best practices on multi-jurisdictional open data standards and engagement practices. Impact stories and open data use cases: Examples of how open data has generated specific impacts (e.g. dollars saved in efficiencies, new companies created, policy problems identified or solved, etc.) Feminist and inclusive governance: How governments are working to include the voices of marginalized or under-represented communities in policy development and decision-making processes. 	<p>Imraan Bashir Imraan.Bashir@tbs-sct.gc.ca</p> <p>Owen Teo Owen.Teo@tbs-sct.gc.ca</p> <p>Melanie Robert Melanie.Robert@tbs-sct.gc.ca</p>
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