Security Digest
Information Security Branch

BRITISH COLUMBIA
OCIO
Office of the Chief Information Officer

December 24th, 2018

December is Mobile Month

Security News will be taking a break next week and back on January 8th. Happy Holidays!

This week's stories:

- **12 Days of Christmas - Highlights from British Columbia Information Security Branch**
- **Communication for Cybersecurity Professionals – National Session (Invitation)**
- **Canada backs U.S., hackers 'likely' linked to China compromised service providers here**
- **Tech-Savvy Santa Relies On AI, Blockchain & Cyber Security**
- **How Santa's Cyber Security Culture Can Work For You! Part 1: Cyber Attacks**
- **Cyber security predictions roundup for 2019**
- **Bug bounty programs growing stronger**

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12 Days of Christmas - Highlights from British Columbia Information Security Branch

https://www2.gov.bc.ca/gov/content/governments/services-for-government/information-management-technology/information-security/information-security-awareness/12-days-of-security

Its been an exciting and busy year for the Information Security Branch of British Columbia. To get you caught up on 12 of our biggest accomplishments from 2018 we have compiled a special holiday video presented by Gary Perkins (Executive Director of the Information Security Branch and Chief Information Security Officer). To view this video please click the link above.

Click link above to read more

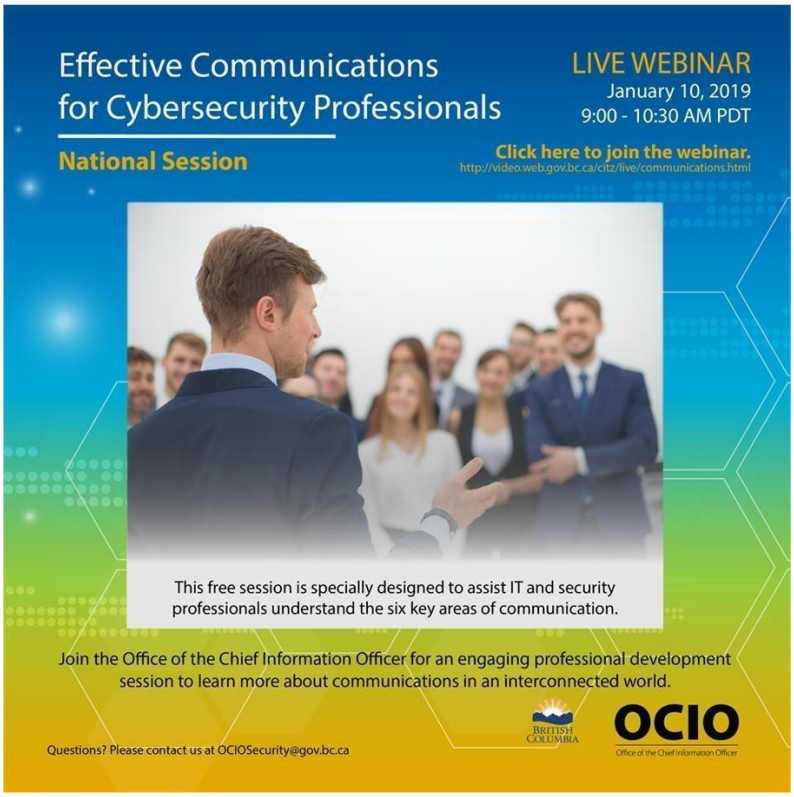
Communication for Cybersecurity Professionals – National Session (Invitation)

http://video.web.gov.bc.ca/citz/live/communications.html

On January 10th at 9am we will be hosting a national session on Communication for Cybersecurity Professionals.

This is an excellent opportunity for all IT and security professionals across Canada to receive practical and timely (FREE!) training on the 6 key areas of communication and start 2019 off right.

Please use the link above to view the webinar on January 10th and feel free to share among work colleagues and friends.



Click link above to read more

Canada backs U.S., hackers 'likely' linked to China compromised service providers here

https://www.itworldcanada.com/article/canada-backs-u-s-hackers-likely-linked-to-china-compromised-service-providers-here/413367

Using careful language, Canada has backed U.S .allegations that for about 12 years two Chinese citizens hacked managed Internet service providers in several countries to get intellectual property and confidential business and technological information of businesses.

In a statement on Thursday, Canada's electronic spy agency, the Communications Security Establishment said it "also assesses that it is almost certain that actors likely associated with the People's Republic of China (PRC) Ministry of State Security (MSS) are responsible for the compromise of several managed service providers [in Canada] beginning as early as 2016."

Click link above to read more

Tech-Savvy Santa Relies On AI, Blockchain & Cyber Security

https://www.forbes.com/sites/rajindertumber/2018/12/21/tech-savvy-santa-relies-on-ai-blockchain-cyber-security/

Jingle bells, jingle bells,

Jingle all the way.

Oh how savvy it is to ride,

The AI and blockchain way!

Considering the prominence of Artificial Intelligence (AI), blockchain technology and cyber security in today's world, perhaps Santa may want to test these technological advancements — they may allow him and his little helpers to deliver a more efficient Christmas!

Click link above to read more

How Santa's Cyber Security Culture Can Work For You! Part 1: Cyber Attacks

https://www.forbes.com/sites/rajindertumber/2018/12/23/how-santas-cyber-security-culture-can-work-for-you-part-1-cyber-attacks/#422a14e37fa6

Beneath the awe of the Northern lights,

Elves craft away during long polar nights.

Security responsibility lies with all in the wonderland,

Aiming to identify, monitor and control data at hand.

How could Santa encourage a cyber security culture within his magical workshop? How could this culture help you? The purpose of this article is for you, my loyal readers, to extract ideas to incorporate into your own company's culture, if you wish.

Click link above to read more

Cyber security predictions roundup for 2019

https://www.itworldcanada.com/article/cyber-security-predictions-roundup-for-2019/413245

Criminals using artificial intelligence. More nation-state backed attacks. The Internet held hostage. Dangerous chatbots. President Trump's cellphone will be hacked. And, of course, more malware.

These are some of the predictions security vendors see coming in the next 12 months. It's not a pretty picture, but then again cyber security never is.

Click link above to read more

Bug bounty programs growing stronger

https://www.itworldcanada.com/article/bug-bounty-programs-growing-stronger/413203

This week Verizon Communications announced its Oath division — which owns Yahoo, AOL and other media services — had paid out US$5 million in bug bounties this year.

That's five times more than it paid out in 2017.

Clearly there's money in vulnerabilities, and not just for criminals.

With no developer or developer team able to assure an organization that it can churn out perfectly secure code, bug bounty programs and the money paid for those who find bugs will only go up in the foreseeable future.

This year HP Inc. added a private, invitation-only bug bounty program for its printer division with up to US$10,000 available for every serious vulnerability found. GitLab, an open source DevOps platform, has made its private bounty program open to any ethical hacker, with prizes of up to US$12,000 for critical vulnerabilities. Facebook expanded its bug bounty program to add rewards for finding vulnerabilities that involve the exposure of user access tokens.

Click link above to read more

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For previous issues of Security News Digest, visit the current month archive page at:
http://www2.gov.bc.ca/gov/content/governments/services-for-government/information-management-technology/information-security/security-news-digest

To learn more about information security issues and best practices, visit us at:

Information Security Awareness Team - Information Security Branch
Office of the Chief Information Officer,
Ministry of Citizens' Services
4000 Seymour Place, Victoria, BC V8X 4S8
https:www.gov.bc.ca/informationsecurity
OCIOSecurity@gov.bc.ca