Security News Digest
Information Security Branch
BRITISH COLUMBIA OCIO Office of the Chief Information Officer

July 2nd, 2019

Try our July quiz – Summer Phishing

This week's stories:

- **Bank of Canada announces partnership to enhance cybersecurity in Financial Sector 🇨🇦**
- **BlackBerry reports revenue up in first full quarter with Cylance 🇨🇦**
- **Florida city IT director fired after ransomware attack**
- **How to avoid phone scam where they want you to call back**
- **Massive telecommunication data breach linked to Chinese hackers, says Israeli security firm**
- **Android Apps with Millions of Installs Deceptively Pushed Ads**
- **Billions of Records Including Passwords Leaked by Smart Home Vendor**
- **Certain Insulin Pumps Recalled Due to Cybersecurity Issues**
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- **Dominion National Discovers Breach 9 Years After it Happened**

Bank of Canada announces partnership to enhance cybersecurity in Financial Sector 🇨🇦

https://www.cisomag.com/bank-of-canada-announces-partnership-to-enhance-cybersecurity-in-financial-sector/

The Bank of Canada recently announced the launch of its public-private partnership with the Canadian Financial Sector Resiliency Group (CFRG) to strengthen cybersecurity resilience of Canada's financial sector and mitigate the risks to business operations, including cyber-attacks.

The new collaboration allows CFRG to coordinate a sector-wide response to systemic-level operational incidents and accelerate ongoing resiliency initiatives like regular crisis simulation and benchmarking exercises.

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BlackBerry reports revenue up in first full quarter with Cylance 🇨🇦

https://www.cbc.ca/news/canada/kitchener-waterloo/blackberry-revenue-first-quarter-cylance-1.5190722

BlackBerry says its first quarter losses narrowed following its purchase of artificial intelligence and cyber security company Cylance last February.

BlackBerry Ltd. reported it had a $35-million US loss with $247 million of revenue in the first full quarter since it bought Cylance, which represents a new generation of technology for the company.

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Florida city IT director fired after ransomware attack

https://www.itworldcanada.com/article/florida-city-it-director-fired-after-ransomware-attack/419566

Things are hot in Florida, and it's not just the weather.

Three municipalities in the state are reeling after being hit by ransomware attacks, with the IT manager of one city being sacked after it was victimized.

Florida TV station WCJB reported Monday that the director of information technology for Lake City was dismissed after the city of 13,000 was hit last month, impacting many systems including emails and telephones.

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How to avoid phone scam where they want you to call back

https://www.itworldcanada.com/article/cyber-security-today-how-to-avoid-this-phone-scam/419259

Ever get a phone call and no one's at the other end when you answer?

Or there's a recorded voice speaking in some language that you can't make out?

It may not be a wrong number, according to a security company. Instead, it's probably a scam. Ethan Garr, a senior vice-president of the mobile anti-spam app Robokiller, told me that the idea is to get curious people to dial back the phone number that appears on their caller ID screen. You don't realize it, but this goes to an international number that charges you for the minutes you rack up when you're on the line. The fraudster gets a piece of the charge. Here's the other part of the scam: You likely only get charged a few dollars for the call, and probably ignore it when you look at your phone bill. But these small charges add up for the fraudster.

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Massive telecommunication data breach linked to Chinese hackers, says Israeli security firm

https://www.itworldcanada.com/article/massive-telecommunication-data-breach-linked-to-chinese-hackers-says-israeli-security-firm/419504

Attackers breached a telecommunication company in a massive data espionage campaign, said U.S.-Isreali cyber firm Cybereason, naming the breach Operation Soft Cell.

In one scenario, the attack was carried out in four waves in a period of six months, each using different tools and malicious payloads. It grew increasingly sophisticated with every subsequent wave, using custom tools previously unknown to researchers.

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Android Apps with Millions of Installs Deceptively Pushed Ads

https://www.bleepingcomputer.com/news/security/android-apps-with-millions-of-installs-deceptively-pushed-ads/

An adware campaign supported by as many as 182 mobile apps managed to push advertisements to millions of users on Google Play and third-party Android store.

Most of the apps made it to the official Android repository and just eight of them had been installed more than nine million times before they were finally removed.

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Billions of Records Including Passwords Leaked by Smart Home Vendor

https://www.bleepingcomputer.com/news/security/billions-of-records-including-passwords-leaked-by-smart-home-vendor/

A publicly accessible ElasticSearch cluster owned by Orvibo, a Chinese smart home solutions provider, leaked more than two billion user logs containing sensitive data of customers from countries all over the world.

Orvibo provides its clients with smart solutions designed to help them manage houses, offices, and hotel rooms via smart systems that offer security and energy management, as well as remote control and data recording/analysis using a smart home cloud platform.

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Certain Insulin Pumps Recalled Due to Cybersecurity Issues

https://www.databreachtoday.com/certain-insulin-pumps-recalled-due-to-cybersecurity-issues-a-12701

In a rare move, the Food and Drug Administration on Thursday warned patients and healthcare providers that medical device manufacturer Medtronic has issued a voluntary recall of certain wireless insulin pumps due to cybersecurity vulnerabilities that cannot be adequately patched and therefore pose safety concerns.

"While we are not aware of patients who may have been harmed by this particular cybersecurity vulnerability, the risk of patient harm if such a vulnerability were left unaddressed is significant," says Suzanne Schwartz, M.D., deputy director of the FDA's office of strategic partnerships and technology innovation.

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Phishing Security Controls Fully Bypassed Using QR Codes

https://www.bleepingcomputer.com/news/security/phishing-security-controls-fully-bypassed-using-qr-codes/

Researchers discovered a new phishing campaign that abuses QR codes to redirect targets to phishing landing pages, effectively circumventing security solutions and controls designed to stop such attacks in their tracks.

The crooks behind the phishing attacks which targeted French Cofense customers used a URL encoded in a QR code to circumvent security software which analyzes and blocks suspicious or blacklisted domains.

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Dominion National Discovers Breach 9 Years After it Happened

https://www.bleepingcomputer.com/news/security/dominion-national-discovers-breach-9-years-after-it-happened/

Customers of Dominion National dental and vision insurer and administrator started to receive notifications about a potential intrusion on the company's computer systems that may have exposed personal information to an unauthorized party.

The breach may have occurred almost nine years ago, on August 25, 2010, and was uncovered only recently following an internal alert. After the discovery, steps were taken to clean the affected servers.

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