November 26th, 2019

Try our November quiz – The Humans of Security

Thank you for attending Security Day … save the date for the spring event, May 27th.

This week's stories:

- **BC Firm criticized by Canadian privacy commissioners in Facebook-Cambridge Analytica scandal**
- **Spy agency bluntly warns 'Canada remains a target' of cybertheft and espionage from Russia and China**
- **Trump adviser issues dire warning to Canada**
- **Tips for Increasing Security in your Smart Home**
- **Don't get duped on Black Friday: 4 scams to avoid this Thanksgiving weekend**
- **Over 39 Million Healthcare Records Exposed in Breaches Over 2019**
- **1.19 billion confidential medical images available on the internet**
- **Robocall scams exist because they work – one woman's story shows how**
- **SIA Identified 2020 Security Megatrends**
- **Hackers target third-party payment processing page to phish victims**
- **Auto Industry Has Been Key Target of Cyber Attacks Since 2018**

BC firm criticized by Canadian privacy commissioners in Facebook-Cambridge Analytica scandal

https://www.itworldcanada.com/article/bc-firm-criticized-by-canadian-privacy-commissioners-in-facebook-cambridge-analytica-scandal/424395

A British Columbia political consulting and technology company failed to meet its obligations under Canadian privacy laws when it used and disclosed the personal information of millions of voters in British Columbia, the United States, and the United Kingdom, according to a joint report issued today by the federal and B.C. privacy commissioners.

Click link above to read more

Spy agency bluntly warns 'Canada remains a target' of cybertheft and espionage from Russia and China

https://nationalpost.com/news/politics/spy-agency-bluntly-warns-canada-remains-a-target-of-cybertheft-and-espionage-from-russia-and-china

OTTAWA — Canada's spy agency is openly warning that Russia and China are out to steal the country's most prized secrets.

The Canadian Security Intelligence Service, which rarely identifies security threats by name, makes the frank statement in briefing notes prepared for service director Michel Coulombe.

Click link above to read more

Trump adviser issues dire warning to Canada

https://www.nationalobserver.com/2019/11/24/news/trump-adviser-issues-dire-warning-canada

Donald Trump's national security adviser has issued a dire warning to Canada about Chinese telecom giant Huawei, saying Ottawa should reject the company's plan to deploy its 5G network because the technology would be used as a "Trojan horse" to undermine national security.

"When they get Huawei into Canada ... they're going to know every health record, every banking record, every social media post — they're going to know everything about every single Canadian," Robert O'Brien said at an international security conference in Halifax.

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Tips for Increasing Security in Your Smart Home

https://securitytoday.com/articles/2019/11/26/tips-for-increasing-security-in-your-smart-home.aspx

Smart home technology is rapidly growing and changing the landscape of modern homes. IoT devices—which have long been used in various industries—are now creeping into the household faster than consumers can adapt.

As with any innovation, there are accompanying risks and dangers. The most pressing issue with connected devices is their inherent lack of robust security, since some manufacturers—many argue—seem to be more concerned about making money quickly than providing long-term protection to consumers.

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Don't get duped on Black Friday: 4 scams to avoid this Thanksgiving weekend

https://www.cnet.com/how-to/dont-get-duped-on-black-friday-4-scams-to-avoid-this-thanksgiving-weekend/

Online gift exchanges, digital card skimmers and other traps are set and waiting for you.

For example, research from RiskIQ, a security company, said it identified almost 1,000 malicious apps using holiday-related terms, and over 6,000 apps using names and slogans from popular retailers to reel in unsuspecting victims. RiskIQ also said it found 65 malicious websites posing as popular retailers in an attempt to fool you into giving up your personal information.

Click link above to read more

Over 38 Million Healthcare Records Exposed in Breaches Over 2019

https://www.bleepingcomputer.com/news/security/over-38-million-healthcare-records-exposed-in-breaches-over-2019/

This October was the month with the largest number of data breaches formally reported by entities in the healthcare sector.

The tally for health records exposed or lost to a cyber incident this year is now pushing closer to 40 million.

Click link above to read more

1.19 billion confidential medical images available on the internet

https://www.helpnetsecurity.com/2019/11/20/confidential-medical-images/

1.19 billion confidential medical images are now freely available on the internet, according to Greenbone's research into the security of Picture Archiving and Communication Systems (PACS) servers used by health providers across the world to store images of X-rays as well as CT, MRI and other medical scans.

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Robocall scams exist because they work—one woman's story shows how

https://www.thestar.com/wsj/technology/2019/11/22/robocall-scams-exist-because-they-workone-womans-story-shows-how.html

The FBI agent sounded official on the phone. He gave Nina Belis his badge number and a story about how her identity had been compromised. She gave him her life's savings.

For most Americans, robocalls are an annoyance. For Ms. Belis, an oncology nurse in her 60s, a law-enforcement impersonation scam that appeared to have started with a robocall drew her into financial losses that sapped her family's nest egg and derailed her retirement.

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SIA Identifies 2020 Security Megatrends

https://www.securitymagazine.com/articles/91329-sia-identifies-2020-security-megatrends

The Security Industry Association (SIA) has identified and forecasted the 2020 Security Megatrends, the top forces at play in security, expected to have far-reaching impacts on businesses across the industry.

The selection of 2020's Security Megatrends was based on fall 2019 focus groups and survey data gathered from top security industry business leaders, association leadership, key volunteers and speakers for the 2019 Securing New Ground (SNG) conference.

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Hackers target third-party payment processing page to phish victims

h **https://cyware.com/news/hackers-target-third-party-payment-processing-page-to-phish-victims-b15b55c0**

- The malicious actors would switch the genuine payment processing page with a fraudulent one.
- The scam appears to be the brainchild of a cybercriminal group skilled in using phishing templates and web skimmers.

A card-skimming scheme involving a retailer's third-party payment service platform (PSP) was revealed by researchers from the security firm Malwarebytes. Here, hackers created a phishing page to swap it with the genuine PSP processing page.

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Auto Industry Has Been Key Target of Cyber Attacks Since 2018

https://securitytoday.com/articles/2019/11/22/fbi-auto-industry-cyber-attacks.aspx

Hackers have been able to successfully target and infiltrate the systems of several American automotive manufacturers since at least late last year, the FBI warns in a report obtained by CNN.

In the agency report, sent to several private companies this week, the FBI alerted the industry to the ways in which cyber-attacks have targeted cybersecurity vulnerabilities in order to obtain sensitive financial and personal data.

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