Security Digest
Information Security Branch

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Office of the Chief Information Officer

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November is "**Online Shopping**" Month

This week's stories:

Are financial planners taking cybersecurity precautions?

https://www.theglobeandmail.com/investing/globe-advisor/advisor-news/article-are-financial-planners-taking-cybersecurity-precautions/

Cybersecurity is top of mind for Canadian financial planners as firms adapt to evolving threats from hackers, phishers and ransomers.

While the financial services industry has long been a target, cyberattacks are growing more sophisticated and frequent. Last year, Statistics Canada reported more than one-fifth of Canadian businesses experienced a cybersecurity incident that impacted their operations.

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Canadian banks hire 'ethical hackers' to improve and test cybersecurity

https://www.cbc.ca/news/business/canadian-banks-cybersecurity-1.4916219

Hackers are targeting Toronto-Dominion Bank's internal systems at all hours using cutting-edge techniques, but the bank's head of cybersecurity isn't losing sleep over them — they work for him, after all.

The bank established late last year an in-house "red team" of ethical hackers — cybersecurity professionals who attempt to hack a computer network to test or evaluate its security on the owners' behalf — who conduct live attacks against its own networks continuously, said Alex Lovinger, TD Bank's vice-president of cyber threat management.

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Mirai botnet exploiting Hadoop vulnerability on Linux servers

https://www.itworldcanada.com/article/mirai-botnet-exploiting-hadoop-vulnerability-on-linux-servers-report/412102

Since its discovery in the summer of 2016 variations of the Mirai botnet, which infects and chains Internet-connected surveillance cameras and routers to spread malware and launch distributed denial of service attacks, have been a thorn in the side of CISOs.

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Storing, protecting and optimizing healthcare data

https://www.itworldcanada.com/article/storing-protecting-and-optimizing-healthcare-data/412096

In the age of cloud and data analytics, it's become almost a cliché to say data is the lifeblood of business. In healthcare, however, the importance of data cannot be understated. "Healthcare data is particularly sensitive," said Amazon Web Service (AWS) Global Technical Leader for Healthcare and Life Sciences Patrick Combes in the recent ITWC-hosted webinar *Storing, Protecting and Optimizing Healthcare Data*.

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Patches need to be installed for EMC, VMware, Adobe Flash and a WordPress plugin

https://www.itworldcanada.com/article/patches-need-to-be-installed-for-emc-vmware-adobe-flash-and-a-wordpress-plugin/412046

Several tech companies released patches this week for critical vulnerabilities that infosec pros should ensure are installed as soon as possible.

–Dell released hotfixes for its EMC Avamar and Integrated Data Protection Appliance products. VMware's vSphere Data Protection, which is based on Avamar, is also affected by the issues.

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Amazon hit with major data breach days before Black Friday

https://www.theguardian.com/technology/2018/nov/21/amazon-hit-with-major-data-breach-days-before-black-friday

Amazon has suffered a major data breach that caused customer names and email addresses to be disclosed on its website, just two days ahead of Black Friday.

The e-commerce giant said it has emailed affected customers but refused to give any more details on how many people were affected or where they are based.

The firm said the issue was not a breach of its website or any of its systems, but a technical issue that inadvertently posted customer names and email addresses to its website.

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Apple in court over 30% app commission

https://www.bbc.com/news/technology-46345427

The company takes a 30% commission on every sale and is accused by a group of consumers of breaching anti-trust laws because there is no alternative place to buy an iPhone app.

Apple says it does not own or sell the apps. The court must decide whether there is a case if there is no direct link between Apple and the app buyers.

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Facebook tries to stop next crisis after British lawmaker gets internal documents

https://www.cnn.com/2018/11/26/tech/facebook-damian-collins-six4three/index.html

A British lawmaker who has led investigations into disinformation on the internet was annoyed that Mark Zuckerberg turned down his invitation to appear before parliament this week. He probably has Zuckerberg's attention now.

The Facebook CEO may soon be heard in parliament anyway, and in a way Facebook would rather avoid: Internal company documents Facebook has fought hard to keep private could be made public there.

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India sees more cyber security startups with rise in attacks

https://tech.economictimes.indiatimes.com/news/startups/india-sees-more-cyber-security-startups-with-rise-in-attacks/66826084

India has seen a sharp rise in cyber security startups as nearly 50 product firms set up shops in the past few years, says a report by Belong. This uptick in cyber security startups has been primarily attributed to an increasing number of cyber-attacks in the country across industry sectors.

Belong has stated in the report that cyber-attacks have increased by nearly 5 % to 53000 in 2017 from 50362 in 2016 in India and the number was 44679 in 2014.

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Lawmakers seek to quash 'Grinch bots' inflating holiday toy prices

https://nationalpost.com/news/world/the-cybersecurity-202-lawmakers-seek-to-quash-grinch-bots-inflating-holiday-toy-prices

Were your Cyber Monday deals not as attractive as you had hoped? Lawmakers say “cyber-grinch” bots might be to blame — and they are introducing new legislation to try to curb this digital threat to e-commerce.

A group of Democratic lawmakers is trying to make it illegal for people to use automated accounts to inflate the prices of consumer products online. They announced the Stopping Grinch Bots Act of 2018 on Black Friday to prevent anonymous profiteers from deploying bots that buy in bulk in-demand products on retailers’ websites and resell them elsewhere at exorbitant prices.

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