





07 March 2018

Synopsis

Scroll to read full summaries with links to news articles.

At the **Mobile World Congress**, it was concluded that **Chinese** businesses are leading the way in the research and development of **5G** mobile technologies.

Dorahacks, the biggest hacker community in **China** have announced they are expanding their **hackathons**, which connect talented hackers in the world to help solve problems, to Asia, India, the UK and Europe.

The **Singaporean Government** have launched a new scholarship programme for students to recruit and train them to be leaders for **GovTech**, the **Cyber Security Agency** of Singapore.

It has been announced that **General Data protection regulations** coming into effect in a few months could be incompatible with **blockchain** technology, a new method of data storage and management.

Julian King, the European Commissioner for the security union said the best way to deal with 'border blind'**cyber-attacks** is for Europe to coordinate a response with its member states.

The Mayor of London, **Sadiq Khan** has launched a seven-million-pound scheme backed by **Bloomberg**, **Google** and **Amazon** to provide free **digital skills** training to more than one thousand young people, with a focus on young women and black, Asian and minority ethnic Londoners.

After the **World Economic Forum** an industry consortium was created aimed at improving the **cybersecurity** of financial technology companies and **fintech's**. Some of the founding members include Investment bank, Citigroup Inc. and online lender Kabbage.

The **European Union** has warned that internet giants such as **Google**, **YouTube**, **Facebook** and **Twitter** have three months to prove they are removing extremist **content** faster online or they face legislation that will force them to comply.





New Legislation has been passed in the **United States** which will reorganise the **cybersecurity** wing of the Department of Homeland Security into an operational agency called the **Cybersecurity and Infrastructure Security Agency**.

Lagos State Government have announced it plans to train one million individuals in **coding**.

Technology provider and installer, **Huawei Marine** and telecommunications provider **PCCW Global** have announced they will collaborate to construct a **submarine cable** between Mauritius and Rodrigues Island to meet the growing demand for **internet connectivity**.

Electronics company **Nokia** and telecommunications company **Orange** are rolling out **single radio access network** and network management technology in seven **African** countries to prepare the country for **4G** mobile technology.

NATO celebrated women's contribution to peace and security- including through science during **international women's day**.

Disclaimer: Please note that this monitor is a summary of news sources and does not reflect the official views of IEEE.

For more information, visit the <u>IEEE Internet Initiative website</u>, and see <u>IEEE Global Internet Policy Monitor</u> past issues. Join <u>IEEE CollabratecTM</u> Internet Technology Policy Community discussions related to internet policy issues and to collaborate with other members of the global technical and policy communities.





IEEE Global Internet Policy Monitor

07 March 2018

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Europe

Internet governance

27.02.18

IAPP

Blockchain technology is on a collision course with EU privacy law

It has been announced that General Data protection regulations coming into effect in a few months could be incompatible with blockchain technology, a new method of data storage and management.

"Those who have heard of 'blockchain' technology generally know it as the underpinning of the Bitcoin virtual currency, but there are myriad organizations planning different kinds of applications for it: executing contracts, modernizing land registries, even providing new systems for identity management."

"There's one huge problem on the horizon, though: European privacy law."

Cybersecurity

28.02.18

Security Brief Asia

Cybercriminals likely to attempt GDPR extortion for greater ROI

According to new findings by Trend Micro, a leader in cybersecurity solutions, cybercriminals are likely to demand a ransom from companies slightly lower than the GDPR penalty to make it more of an attractive offer.

"The implementation of the EU's General Data Protection Regulations (GDPR) is just around the corner and there are some that say it could cause more harm than good."

"Trend Micro has released the findings from its Security Roundup for 2017 that show a sharp increase in ransomware, cryptocurrency mining and business email compromise (BEC) attempts over the past 12 months as cybercriminals refine and target their attacks for greater return."





Channel NewsAsia

German government under cyber-attack, shores up defences

The German Government suffered a sustained attack on their defences last week and the Foreign Ministry's computer network was breached. Since then the Government have attempted to shore up their defences.

"German security officials allowed hackers 'controlled' access to government networks in order to track possible culprits and their methods, a top interior ministry official said Thursday, as outraged lawmakers complained about being kept in the dark."

"Germany's government was marshalling its defences on Thursday against a powerful cyber-attack that lawmakers said had breached the foreign ministry's computer network and whose origins officials admitted were still unclear."

05.03.18

Cyber Ark

46 percent of organizations fail to change security strategy after a cyber attack

According to new findings from UK security software company, CyberArk, 48% of organisations who have suffered from a cyber-attack fail to make substantial changes to their security strategy after the breach.

"Singapore may be one of the most technologically advanced regions in the world with the likes of its cybersecurity strategy and smart initiatives, but according to new research from CyberArk some organisations are slow to pick up the pieces after experiencing a cyber-attack."

"The Global Advanced Threat Landscape Report 2018 found that 38% of respondents rarely make substantial changes to their security strategy, even after being breached."





Computer Weekly

EC to boost cyber security support and collaboration

Julian King, the European Commissioner for the Security Union said the best way to deal with 'border blind' cyber-attacks is for Europe to coordinate a response with its member states.

"The European Commission is focused on boosting cyber security support and collaboration throughout the European Union."

"Cyber threats are 'border blind', so the best way to deal with them is to better coordinate the response, according to Julian King, European commissioner for the security union."

07.03.18

GOV.UK

New measures to boost cyber security in millions of internet-connected devices

According to the UK Government smart devices such as televisions, toys and speakers will need tough new security measures that last a lifetime to keep the nation safe from cyber threats.

"BOSSES behind 'smart' devices such as televisions, toys and speakers found 'n millions of homes will be expected to build-in tough new security measures that last the lifetime of the product, as part of plans to keep the nation safe from the increasing cyber threat."

"Estimates show every household in the UK owns at least 10 internet connected devices and this is expected to increase to 15 devices by 2020, meaning there may be more than 420 million in use across the country within three years."

Privacy

01.03.18

Reuters

EU piles pressure on internet giants to remove extremist content

The European union has warned that internet giants such as Google, YouTube, Facebook and Twitter have three months to prove they are removing extremist content faster online or they face legislation that will force them to comply.





"Google, YouTube, Facebook, Twitter and other internet companies must show the European Union within three months that they are removing extremist content more rapidly or face legislation forcing them to do so."

"Several governments have increased pressure on social media companies to do more to remove illegal content — from material related to groups such as Islamic state and incitement to commit atrocities — and the sector has increased efforts to demonstrate its progress."

Internet Inclusion

28.03.18

Mayor of London

Mayor launches new £7m programme to unearth London's digital talent

The Mayor of London, Sadiq Khan has launched a seven-million-pound scheme backed by Bloomberg, Google and Amazon to provide free digital skills training to more than one thousand young people, with a focus on young women and black, Asian and minority ethnic Londoners.

"The Mayor of London, Sadiq Khan, will today launch a new initiative to find and develop the next generation of home-grown tech talent to meet a growing digital skills shortage in the capital."

"The scheme, to launch at Bloomberg's new European headquarters in London, aims to inspire young people to join London's booming digital, tech and creative industries and tackle the under-representation of women and BAME (Black Asian & Minority Ethnic) Londoners in the sector."

05.03.18

NATO

How do women in science contribute to peace and security?

NATO celebrated women's contribution to peace and security- including through science during international women's day.

"Women make a difference in peace and security – including through science. Female scientists and experts provide their leadership and expertise and engage in knowledge-sharing and training initiatives through the NATO Science for Peace and Security (SPS) Programme in a number of fields in relation to today's security challenges. Discover some of these remarkable women."

"To overcome stereotypes and prejudice, female leading scientists should take an active role in promoting science and careers in science," said Dr Ivana Capan





from the Ruder Bošković Institute in Zagreb, Croatia. "But what is even more important, is to send a strong message to young girls, to not be afraid to go against the stereotypes, and to encourage them getting involved in science, technology, engineering and math from an early age."

06.03.18

Security Brief Asia

China's biggest hacking community to expand hackathons to across Asia & India

Dorahacks, the biggest hacker community in China have announced they are expanding their hackathons; which connect talented hackers in the world to help solve problems; to Asia, India, the UK and Europe.

"China's biggest hacker community has launched its 2018 Global Hackathon Programme and plans to expand it across Asia, India, the UK and Europe."

"DoraHacks has operated more than 100 hackathons in the last three years, bringing together more than 5000 core hackers and 200,000 developers in seven cities."





United States of America

Internet governance

07.03.18

The Hill

Push to bolster election security stalls in Senate

Two US Senators, James Lankford and Kamala Harris are attempting to create legislation to secure the United States election systems before the midterms in November.

"Senators are running into roadblocks from state officials as they try to craft legislation to secure election systems before the midterms in November."

"Sens. James Lankford (R-Okla.) and Kamala Harris (D-Calif.) are pushing for legislation that would bolster the security of U.S. voting infrastructure, with an eye toward countering threats from adversaries like Russia."

Cybersecurity

01.03.18

The Hill

Dems press Trump on response to Russian cyber threat

US Democrats are ramping up their efforts to prove that the Trump Administration is doing nothing to counter Russian hacking and the rise in fake news.

"Democrats are stepping up their charges that the Trump administration is doing nothing to counter Russian hacking and disinformation."

"U.S. Cyber Command head Adm. Michael Rogers's disclosure Tuesday that he has not received specific orders from President Trump to disrupt Russian cyberattacks has provoked a new round of outrage from Democrats."





Security Brief Asia

Connected medical devices pose serious security risks for healthcare firms

According to new research from US hospitals and clinics, health organisations could potentially be using medical equipment which pose serious cybersecurity risks.

"Healthcare organisations around the world may be using medical devices that come with serious cybersecurity risks, according to research coming from some US hospitals and clinics."

"That research suggests that network traffic passing through internet-connected medical devices lack real-time insights."

06.03.18

Channel News Asia

World Economic Forum leads creation of fintech cyber security consortium

After the World Economic Forum an industry consortium was created aimed at improving the cybersecurity of financial technology companies and fintech's. Some of the founding members include Investment bank, Citigroup Inc and online lender Kabbage.

"The World Economic Forum has led the creation of an industry consortium focused on improving the cybersecurity of financial technology companies, as collaboration between fintech's and financial institutions grows."

"The consortium's founding members include Citigroup Inc, online lender Kabbage, the Depository Trust & Clearing Corporation, Zurich Insurance Group and Hewlett Packard Enterprise, the companies said on Tuesday."

07.03.18

The Hill

Senate committee approves bill reorganizing Homeland Security's cyber office

New Legislation has been passed in the United States which will reorganise the cybersecurity wing of the Department of Homeland Security into an operational agency called the Cybersecurity and Infrastructure Security Agency.





"A key Senate panel on Wednesday advanced legislation to reauthorize the Department of Homeland Security (DHS) that includes a measure reorganizing the department's cybersecurity wing."

"The bill includes language that would reorganize and rename the office within the department that protects federal networks and critical infrastructure from physical and cyber threats, currently known as the National Protection and Programs Directorate (NPPD). Under the legislation, the entity would be transformed into an operational agency called the Cybersecurity and Infrastructure Security Agency."

Privacy

01.03.18

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"Several governments have increased pressure on social media companies to do more to remove illegal content — from material related to groups such as Islamic state and incitement to commit atrocities — and the sector has increased efforts to demonstrate its progress."

Internet Inclusion

No new items of relevance





Pan-Asia

Internet governance

07.03.18

The Independent

<u>Tumblr blocked in Indonesia for providing people in Muslim majority country with access to porn</u>

Tumblr has been blocked in Indonesia after users were exposed to pornographic content.

"Tumblr has been banned in Indonesia for providing people with access to pornographic content."

"The communications ministry said the block – which means nobody in the country can access the blogging platform – came after complaints about hundreds of accounts that provided pornography."

Cybersecurity

06.03.18

IT News Africa

Demand for cyber insurance for business soars

According to African cyber insurance company, MyCyberCare, businesses across the public and private sector are seeking insurance for protection against cyber-attacks.

"For businesses across the public and private sector, a breach can mean enormous financial losses, catastrophic damage to reputation and customer confidence, as well as embarrassment and legal and regulatory fines."

"Simon Campbell-Young, CEO of MyCyberCare, says high profile breaches such as Target, the NHS, and more recently, the breach that exposed the ID numbers and other details of tens of millions of South Africans, are highlighting the need for protection against cyber threats. "Luckily, savvy insurers are stepping in and starting to offer coverage for events of this nature."





Privacy

No new items of relevance

Internet Inclusion

01.03.18

Channel NewsAsia

New Smart Nation Scholarship targets Singapore students keen on public sector career

The Singaporean Government have launched a new scholarship programme for students to recruit and train them to be leaders for GovTech, the Cyber Security Agency of Singapore.

"The Government is launching a new scholarship programme aimed at attracting top Singaporean students who have demonstrated potential for technical leadership and a passion for serving in the public sector, said Dr Janil Puthucheary, Minister-in-charge of Government Technology Agency (GovTech), on Thursday (Mar 1)."

"During the ongoing Committee of Supply debates, Dr Puthucheary announced the Smart Nation Scholarship, which it hopes to attract and groom a pool of deep technological talent and leaders for GovTech, the Cyber Security Agency of Singapore (CSA) and the Infocommunications Media Development Authority (IMDA)."

02.03.18

China Daily

Mobile World Congress concludes with Chinese firms at forefront of upcoming 5G era

At the Mobile World Congress, it was concluded that Chinese businesses are leading the way in the research and development of 5G mobile technologies.

"The Mobile World Congress (MWC) concluded Thursday with Chinese firms emerging as the biggest winners at the annual event and some of the front-runners in the research and development of 5G technologies."

"Chinese telecommunications giant Huawei swept eight Global Mobile Awards 2018 (GLOMO Awards) that recognize the best in mobile and highlight the technologies, products, companies and individuals that are pushing the boundaries of ingenuity and innovation."





Open Gov

<u>Singapore universities take steps to meet industry demand and prepare students for future economy</u>

The National University of Singapore has announced it will increase the number of computer related courses from seven hundred and thirty-two to nine hundred.

"NUS will increase its intake of students in computing-related courses from 732 to 900. SUTD is making subjects such as Data Analytics, Artificial Intelligence and Machine Learning an integral part of the undergraduate programme for all their students through five new minor programmes."

"As Singapore proceeds on its smart nation journey and deals with technological disruption, equipping students with the required skills will play a critical role."

03.03.18

China Daily

First official data asset assessment center opens in Hohhot

China has opened its first data asset assessment center in Hohhot in a bid to help develop its big data industries and further promote regional economic development.

"China's first officially authorized data asset assessment center was launched in Inner Mongolia autonomous region on Saturday as local government beefs up efforts in developing its big data industries."

"Major businesses of the center include verification and evaluation of data assets, which will help to explore the value of data resources and bolster big data transactions."

06.03.18

Channel NewsAsia

China's WeChat app crosses one billion account mark

China's WeChat now has over one billion users as the messaging app, game and shopping services has attracted more customers.

"China's ubiquitous WeChat social media platform has crossed the one billion accounts mark as its messaging, game and shopping services attract more and more users."





"The symbolic threshold was announced by Pony Ma, the chief executive of its parent company Tencent, on the sidelines of China's parliamentary session on Monday (Mar 5)."

06.03.18

Security Brief Asia

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06.03.18

Channel NewsAsia

Singapore libraries have a new remit: Equip seniors with digital skills

The Singapore Ministry of Communications and information announced a new scheme to equip the elderly with digital skills. In libraries they will be given the opportunity to try out gadgets such as robots and wearable smart home technologies.

"Where the library used to be the place for book-lovers to go and explore new imaginary worlds, it is now being re-positioned to a destination for people to pick up digital skills – particularly the elderly."

"A range of digital readiness and inclusion initiatives, with a specific focus on the seniors, were unveiled by the Ministry of Communications and Information during its Committee of Supply debate on Tuesday (Mar 6). This segment of the citizenry was highlighted as despite a significant increase in Internet usage by seniors aged 50 and above from 2012 to 2016, about 60 per cent of those aged 60 and above are not tapping on the World Wide Web yet, it said."





Channel News Asia

20,000 training places to be added with S\$145m Tech Skills Accelerator investment

According to the Singaporean Minister for Communications and Information Yaacob Ibrahim, twenty thousand new training places have been created for the Tech Skills Accelerator Programme. The programme will train those individuals in artificial intelligence, data analytics and cybersecurity.

"An additional 20,000 training places will be created as a result of the expansion in the Tech Skills Accelerator (TeSA) programme, and the training will be longer and more targeted than the initial tranche of 27,000 training places already taken up, according to Minister for Communications and Information Yaacob Ibrahim."

Speaking at his ministry's Committee of Supply debates on Tuesday (Mar 6), Dr. Yaacob said the 20,000 places will be created by 2020, as a result of the additional S\$145 million investment in TeSA announced during this year's Budget speech.





Rest of the World

Internet governance

No new items of relevance

Cybersecurity

07.03.18

The Guardian

'81% of hacking breaches are caused by human-element'

According to experts in Lagos, eighty-one per cent of breaches can be attributed to human negligence of personal data.

"About 81 per cent of hacking breaches have been trailed to human negligence and exploitations."

"According to experts, who gathered in Lagos, at a cyber security forum, hackers have exploited and keep exploiting compromised credentials of people and businesses."

Privacy

No new items of relevance

Internet Inclusion

01.03.18

The Guardian

FG plans investing in young scientists to boost economic growth

Dr Ogbonnaya Onu the Nigerian Minister of Science and Technology said that the All Progressives Congress administration will encourage young Nigerians to enhance their digital skills through science and technology education.

"The Minister of Science and Technology, Dr. Ogbonnaya Onu has assured that the All Progressives Congress (APC) administration will encourage young





Nigerians achieve their potentials through Science and Technology to drive the nation's effort at promoting economic growth."

"Onu made the disclosure at the weekend during the National final examination of the 774 young Nigerian Scientists Presidential award held in Abuja. He said the Buhari administration is determined to secure the future of young people to enable them release their creative energies and make significant contributions to the nation's development."

07.03.18

The Guardian

HICC trains youths in App development, others

The Harvesters International Christian Centre in Lagos has trained thousands of youths in App development, Graphics Design and Videography over a period of four days.

"The Harvesters International Christian Centre (HICC), has trained thousands of youths in its quarterly free Harvesters Skill Acquisition Program (HSAP), which was held at the church premises in Lagos."

"The four days programme, which began on February 28 ended March 3, where participants who were majorly youths were trained in five different skills."

07.03.18

The Guardian

StanbicIBTC targets Nigerian youths with digital solutions

Stanbic IBTC, a financial services company in Nigeria has announced it has become more tech savvy by infusing all technology solutions into its systems to digitally empower and engage more youths in the financial technology space.

"To cement its relationship with the teeming Nigerian youths, StanbicIBTC is to digitally empower them."

"Speaking at one of the panel sessions at the just concluded 2018 Social Media Week (SMW) Lagos, the bank stressed the need for Nigerian youths to take advantage of the technology tools and solutions delivered by the bank, designed to enhance easy and hitch-free financial transactions in today's digital world."





IT News Africa

Nokia and Orange partner to roll out 4G LTE in Africa

Electronics company Nokia and telecommunications company Orange have announced they will roll out single radio access network and network management technology in seven African countries to prepare the country for 4G mobile technology.

"Nokia and Orange Middle East & Africa are rolling out a Nokia single radio access network and network management technology across seven African countries in a three-year modernization project to prepare for the launch of 4G services."

"To facilitate the deployment Nokia has set up a dedicated West and Central Africa Support Center for Orange."

07.03.18

The Guardian

SystemSpecs backs Lagos move to train one million on coding

Lagos State Government have announced it plans to train one million individuals in coding.

"The plan by the Lagos State Government to train one million people in coding has been described as a step in the right direction, especially as the state eyes becoming a digital economy."

"The Executive Director, SystemSpecs, Aderemi Atanda, who stated this at the just concluded 2018 Social Media Week (SMW) in Lagos, noted that the State Government is at the forefront of developing knowledge economy in the country."

07.03.18

IT News Africa

<u>Huawei Marine and PCCW Global partner to boost African internet connectivity</u>

Technology provider and installer, Huawei Marine and telecommunications provider PCCW Global have announced they will collaborate to construct a submarine cable between Mauritius and Rodrigues Island to meet the growing demand for internet connectivity.





"Huawei Marine has announced that it will partner with PCCW Global to construct the first submarine cable between Mauritius and Rodrigues Island."

"This will be Huawei's 12th submarine cable system deployed in the African region to meet the increasing demand for internet connectivity."





Global Institutions

05.03.18

NATO

How do women in science contribute to peace and security?

NATO celebrated women's contribution to peace and security- including through science during international women's day.

"Women make a difference in peace and security – including through science. Female scientists and experts provide their leadership and expertise and engage in knowledge-sharing and training initiatives through the NATO Science for Peace and Security (SPS) Programme in a number of fields in relation to today's security challenges. Discover some of these remarkable women."

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EC to boost cyber security support and collaboration

Julian King, the European Commissioner for the Security Union said the best way to deal with 'border blind' cyber-attacks is for Europe to coordinate a response with its member states.

"The European Commission is focused on boosting cyber security support and collaboration throughout the European Union."

"Cyber threats are 'border blind', so the best way to deal with them is to better coordinate the response, according to Julian King, European commissioner for the security union."





Diary Dates

<u>Living in the Internet of Things- Cybersecurity of the IoT</u> – 28.03.18-29.03.18

London, England

RSA - 16.04.18-20.04.18

San Francisco, USA

Data Centre Risk Radar- Technical Skills Shortage - 26.04.18

London, England

<u>Africa Internet Summit</u> – 29.04.18-11.05.18

Dakar, Senegal

EuroDIG - 05.06.18-06.06.18

Tbilisi, Georgia