



**08 August 2018**

## Synopsis

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Internet giant **Google** have announced plans to launch a new version of its search engine that will block certain websites and search terms in **China**.

According to a report by **Deloitte**, **China** is winning the race against the **United States** to build fifth generation mobile networks, **5G**. Compared to the US, China currently has ten more sites that support 5G communication.

According to a panel which work on the Indian Government's cloud computing policy, **India** should be storing data locally in India, a move which would have a major impact on technology giants **Amazon** and **Microsoft** who currently offer **data storage** services to India.

Professor **Jason Furman**, the former adviser to former US President Obama will be the Chair of a new expert panel designed to examine digital competition in the **UK**. The group will look at competition in the **digital economy** to ensure the UK remains a world leader in this field.

According to new research by recruitment firm **Robert Walters**, Jobsite and Totaljobs, 89% of employees believe their companies will suffer from a major shortage of skilled technical professionals in the next year while only 11% are not expecting a shortage.

According to a new report by **Osterman Research** more **cybersecurity** professionals alternate between criminal and legal activities or turn into fully fledged cyber criminals in the **UK** more than any other country. For example, 'nearly half of UK security professionals polled (46.3%) said it is easy to get into **cybercrime** without getting caught.'

The **United States Department of Defence** have announced plans to create a 'Do Not Buy software' list for software that does not meet **national security standards** to help protect the Government from cyber security risks. Companies that have connections to **Russia** and **China** will be on the list.

Internet giant **Facebook** suffered from a \$16 billion fall last week after concerns over **privacy** and its role in facilitating the spread of **fake news**.

**US President Donald Trump** held a meeting with his national security advisers to discuss how to improve **election security**, before American vote on November 6th to determine whether Trump's Republicans retain control of Congress.

Southeast Asian countries including **China** and **Singapore** are seeking to strike a **cybersecurity** agreement with **Russia** despite news that Russia interfered in the US Presidential elections. However, Singapore's Foreign Minister, **Vivian Balakrishnan** said they "didn't get down to settling" a cybersecurity agreement.

According to the Chief Information Security Officer of the Australian Government Department of Human Services, Ms. Narelle Devine, **Australia** are attempting to safeguard its citizens data by designing IT systems that have **cybersecurity** systems in-built rather than adding them on later.

According to the **Nigerian Communications Commission**, the number of licensed **Internet Service Providers** (ISP) has plummeted in Nigeria. Out of 219,117 connections, only approximately 126,378 users are active on the Internet through the ISPs during the first quarter of 2018.

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 [IEEE Internet Initiative website](#), and see [IEEE Global Internet Policy Monitor](#) past issues. Join [IEEE Collabratec™](#) 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**

**08 August 2018**

**Table of Contents**

<b>Synopsis</b> .....	<b>1</b>
<b>Europe</b> .....	<b>4</b>
Internet governance.....	4
Cybersecurity .....	5
Privacy.....	6
Internet Inclusion .....	6
<b>United States of America</b> .....	<b>9</b>
Internet governance.....	9
Cybersecurity .....	11
Privacy.....	13
Internet Inclusion .....	14
<b>Pan-Asia</b> .....	<b>16</b>
Internet governance.....	16
Cybersecurity .....	17
Privacy.....	18
Internet Inclusion .....	18
<b>Rest of the World</b> .....	<b>19</b>
Internet governance.....	19
Cybersecurity .....	19
Privacy.....	19
Internet Inclusion .....	20
<b>Global Institutions</b> .....	<b>24</b>
<b>Diary Dates</b> .....	<b>25</b>

## Europe

### Internet governance

**28.07.18**

**Channel NewsAsia**

#### [Tech firms should be made liable for 'fake news' on sites: UK lawmakers](#)

According to British lawmakers, internet giant Facebook should be forced to pay a levy for 'harmful and misleading' content on their online platforms.

*"Tech firms like Facebook should be made liable for 'harmful and misleading' material on their websites and pay a levy so they can be regulated, British lawmakers said, warning of a crisis in democracy due to misuse of personal data."*

*"Facebook has increasingly become a focus of the media committee's inquiry into 'fake news' after the data of 87 million users was improperly accessed by British-headquartered consultancy Cambridge Analytica."*

**02.08.18**

**Gov.uk**

#### [The economic value of data: discussion paper](#)

The Government has published a discussion paper on the subject of The Value of Data and has announced the creation of a new review panel to look at issues around competition within the digital sector. The discussion paper is in three parts – looking at the economic opportunities stemming from big data; the policy and regulatory challenges around data; and the steps that should be taken to position the UK as a key player in the global data economy.

*"Data is the fuel of the digital economy. Technological change has radically increased both the volume of data in the economy, and our ability to process it. This presents an opportunity to transform our economy and society for the better."*

*"This discussion paper provides an assessment of the economic value of data, and sets out five challenges to getting the most out of it for the UK economy:"*

**02.08.18**

**Gov.uk**

### **[Former Obama advisor to examine digital competition in the UK](#)**

Professor Jason Furman, the former adviser to former US President Obama will be the Chair of a new expert panel designed to examine digital competition in the UK. The group will look at competition in the digital economy to ensure the UK remains a world leader in this field.

*“A new expert panel, chaired by former US President Barack Obama’s chief economic advisor, Professor Jason Furman, will look at competition in the digital economy.”*

*“Plans to ensure the UK remains at the centre of the digital revolution have been set out today (2 August 2018) by the Chancellor.”*

## **Cybersecurity**

**08.08.18**

**Computer Weekly**

### **[Cyber security double agents most common in the UK](#)**

According to a new report by Osterman Research more cyber security professionals alternate between criminal and legal activities or turn into fully fledged cyber criminals in the UK more than any other country. For example, ‘nearly half of UK security professionals polled (46.3%) said it is easy to get into cybercrime without getting caught.’

*“Cyber security professionals who alternate between criminal and legitimate activities or move full-time into cyber criminal activity are more common in the UK than other countries, a report reveals.”*

*“Grey Hats, who work as both as cyber criminals and security professionals, are the most common in the UK, with one in 13 admitting to grey hat activity compared with one in 22 globally, a study by Osterman Research shows.”*

**08.08.18**

**Fifth Domain**

### **[NATO’s tougher approach to cyberthreats is all about operationalization](#)**

During the NATO Summit in Brussels, NATO members agreed to “employ the full range of capabilities, including cyber, to deter, defend against and to counter

the full spectrum of cyber threats.” This means both defensive and offensive capabilities can be deployed.

*“Amid the theatrics surrounding the defense spending issue at the recent NATO Summit in Brussels, some groundbreaking decisions made by the allies on cyber defense were overlooked. They represent a major shift in NATO’s approach to cyberattacks and their details are worth decoding.”*

*“NATO’s new approach spelled out in the comprehensive “Summit Declaration” and other public documents, is all about the operationalization of cyber defense and imposing costs upon attackers.”*

## Privacy

**No new items of relevance**

## Internet Inclusion

**30.07.18**

**Computer Weekly**

### [M&S aims to give 1,000 employees data skills](#)

Major British retailer, Marks and Spencer have partnered with Decoded a company with the ambition to teach the world to code to create a programme aimed at equipping its employees with data skills. The supermarket aims to teach more than 1,000 of its employees about technologies such as machine learning and artificial intelligence (AI), as well as help them become more data literate.

*“Marks and Spencer have partnered with Decoded to create an academy which will teach the retailer’s employees about retail data.”*

*“The supermarket aims to teach more than 1,000 of its employees about technologies such as machine learning and artificial intelligence (AI), as well as help them become more data literate.”*

**01.08.18**

**The Guardian**

### [Digital assets exchange firm Quidax launches in Nigeria](#)

Quidax, a European based company that facilitates customers to buy and sell Bitcoin have announced plans to move their digital assets exchange to Nigeria.

*“A European based company called Quidax launches her digital assets exchange in Nigeria.”*

*“Their story dates to 2016 when the founders came together to create a platform that will leave a dent in the world of finance and their goal is to give opportunities to as many that want to be a part of a great story of wealth circulation.”*

**06.08.18**

### **Computer Weekly**

#### **[Only 11% of employers do not expect a tech skills shortage in the next year](#)**

According to new research by recruitment firm Robert Walters, Jobsite and Totaljobs, 89% of employees believe their companies will suffer from a major shortage of skilled technical professionals in the next year while only 11% are not expecting a shortage.

*“The majority of employers in the UK believe they will be facing a shortage of skilled technology professionals in the next year.”*

*“According to research, only 11% of employers are not expecting a shortage of skilled technology professionals over the next 12 months.”*

**06.08.18**

### **Computer Weekly**

#### **[Why should girls think about a career in tech?](#)**

Newswire Computer Weekly sent out a sixteen-year-old girl to understand why women account for less than 25% of the workforce. She found that women don't often view tech jobs as exciting due to a lack of female tech role models. Women also don't know about the opportunities a tech job could provide.

*“In this guest blog post, student Abi Pearson describes how her work experience at industry body techUK made her consider a career in tech for the first time.”*

*“I am a sixteen-year-old woman and I'm nervously awaiting my GCSE results! This feels like a pretty important moment in life. Time to start thinking about life beyond school and what I could do for a career. Fortunately, I've been lucky enough to spend the last week doing work experience at techUK where everyone has told me that tech is a great career option for young women like me. Sounds great, but if that is true how come there are so few women working in tech? The techUK team sent me off to find out.”*

**07.08.18**

### **Computer Weekly**

#### **Government invests £3m in Wales-based Stem hub**

The Welsh Government have announced £3 million worth of investment for a new science, technology, engineering and maths center in Wales as well as investment in six science centers to help educate the population about STEM.

*“A science centre in Wales will be given £3m to develop a Stem hub, which will reach more diverse audiences for its delivery of science and technology teaching content.”*

*“The government has announced funding for a new science, technology, engineering and maths (Stem) centre in Wales, alongside investment in six science centres across the UK to help educate people about Stem.”*



## United States of America

### Internet governance

**27.07.18**

**Channel NewsAsia**

#### [Zuckerberg loses US\\$16 billion in record Facebook fall](#)

Internet giant Facebook suffered from a \$16 billion fall last week after concerns over privacy and its role in facilitating the spread of fake news.

*“Facebook Inc Chief Executive Officer Mark Zuckerberg’s fortune took an almost US\$16 billion hit on Thursday, as the social media giant headed for the biggest one-day wipeout in U.S. stock market history, a day after executives forecast years of lower profit margins.”*

*“At least 16 brokerages cut their price targets on Facebook after Chief Financial Officer David Wehner startled an otherwise routine call with analysts by saying the company faced a multi-year squeeze on its business margins.”*

**28.07.18**

**Channel NewsAsia**

#### [Tech firms should be made liable for 'fake news' on sites: UK lawmakers](#)

According to British lawmakers, internet giant Facebook should be forced to pay a levy for ‘harmful and misleading’ content on their online platforms.

*“Tech firms like Facebook should be made liable for ‘harmful and misleading’ material on their websites and pay a levy so they can be regulated, British lawmakers said, warning of a crisis in democracy due to misuse of personal data.”*

*“Facebook has increasingly become a focus of the media committee’s inquiry into “fake news” after the data of 87 million users was improperly accessed by British-headquartered consultancy Cambridge Analytica.”*

**02.08.18**

**Gov.uk**

**[Former Obama advisor to examine digital competition in the UK](#)**

Professor Jason Furman, the former adviser to former US President Obama will be the Chair of a new expert panel designed to examine digital competition in the UK. The group will look at competition in the digital economy to ensure the UK remains a world leader in this field.

*“A new expert panel, chaired by former US President Barack Obama’s chief economic advisor, Professor Jason Furman, will look at competition in the digital economy.”*

*“Plans to ensure the UK remains at the centre of the digital revolution have been set out today (2 August 2018) by the Chancellor.”*

**03.08.18**

**SC Media**

**[US Senate bill pushes for 'crushing' sanctions on Russia for election interference](#)**

The United States have issued a Bill designed to punish Russia with tough sanctions for interfering in the 2016 United States Presidential elections.

*“Determined to show Russia the full wrath of the US government for its interference in the 2016 presidential election, a bevy of US Democratic and Republican senators Thursday pushed a bill that would, according to Sen. Lindsey Graham, “impose crushing sanctions and other measures” on the nation-state until Russian President Vladimir Putin puts a halt to meddling in US elections and cyber-attacks on critical infrastructure.”*

*“Graham also called for Russia to pull out from Ukraine and stop creating chaos in Syria. “The sanctions and other measures contained in this bill are the most hard-hitting ever imposed – and a direct result of Putin’s continued desire to undermine American democracy,” he said.”*

**07.08.18**

**Channel NewsAsia**

**[India asks telcos to find ways to block Facebook, WhatsApp in case of misuse](#)**

The Indian Government has asked telecom operators to find ways of blocking internet giant Facebook and WhatsApp from the country in case of misuse.

*“India has asked its telecom operators to find ways of blocking applications such as Facebook and messaging app WhatsApp in the case of misuse, according to a document seen by Reuters.”*

*“India has in recent months intensified efforts to crack down on mass message forwards after it found that people were using social media and messaging apps to spread rumours and stoke public anger.”*

## **Cybersecurity**

**27.07.18**

**Channel NewsAsia**

**[Trump convenes election security meeting as hacking looms](#)**

US President Donald Trump held a meeting with his national security advisers to discuss how to improve election security, before American vote on November 6<sup>th</sup> to determine whether Trump’s Republicans retain control of Congress.

*“U.S. President Donald Trump will convene his national security advisers on Friday for a high-level meeting on election security, less than four months until Americans vote to determine whether his fellow Republicans maintain control of Congress.”*

*“The White House meeting comes amid new accusations of Russian meddling in U.S. elections. On Thursday, Democratic Senator Claire McCaskill was identified as the target of a hacking attempt ahead of the November midterm elections. A top Microsoft official last week said Russian hackers have targeted at least three candidates but did not name them.”*

**31.07.18**

**The Wall Street Journal**

**[Pence Blames Russia for 2016 Election Interference, Vows to Tighten Cybersecurity](#)**

According to US Vice President, Mike Pence, Russia is to blame for hacking the 2016 election infrastructure and has urged President Trump to introduce tough sanctions to deter future cyber attacks from Russia.

*“Vice President Mike Pence put the blame for 2016 election interference squarely on Russia and pledged that the Trump administration would step up efforts to deter cyberattacks against U.S. democracy.”*

*“While other nations possessed the capability, Russia meddled in our 2016 election,” Mr. Pence said Tuesday in his first significant speech about cybersecurity. “That is the unambiguous judgment of our intelligence community.”*

**01.08.18**

**SC Media**

**[Pentagon reveals a Do Not Buy software list as a cyber-security measure](#)**

The United States Department of Defence have announced plans to create a ‘Do Not Buy software’ list for software that does not meet national security standards to help protect the Government from cyber security risks. Companies that have connections to Russia and China will be on the list.

*“The US Department of Defense has instructed its procurers and contractors to stop buying software that may have Chinese or Russian connections to help defend these institutions against a possible cyber-attack.”*

*“The Do Not Buy list covers software that does not meet national security standards, said Ellen Lord, defense undersecretary for acquisition and sustainment, according to Defense One.”*

## Privacy

**01.08.18**

**Channel NewsAsia**

### [Facebook says it identifies campaign to meddle in 2018 US elections](#)

Internet giant Facebook has removed more than 32 Facebook pages from its platform after discovering a new coordinated political influence campaign which had intentions of meddling with the upcoming November US congressional elections.

*“Facebook Inc said on Tuesday it had identified a new coordinated political influence campaign to mislead its users and sow dissension among voters ahead of November’s U.S. congressional elections.”*

*“It said it had removed 32 pages and accounts from Facebook and Instagram, part of an effort to combat foreign meddling in U.S. elections.”*

**04.08.18**

**Channel NewsAsia**

### [Facebook fakers get better at covering tracks, security experts say](#)

According to cybersecurity experts, creators of fake accounts and news pages on internet giant Facebook’s platform are getting better at covering their tracks and are therefore posing the greatest risk to democracy.

*“Creators of fake accounts and news pages on Facebook are learning from their past mistakes and making themselves harder to track and identify, posing new challenges in preventing the platform from being used for political misinformation, cyber security experts say.”*

*“This was apparent as Facebook tried to determine who created pages it said were aimed at sowing dissension among U.S. voters ahead of congressional elections in November. The company said on Tuesday it had removed 32 fake pages and accounts from Facebook and Instagram involved in what it called “coordinated inauthentic behavior.”*

**07.08.18**

**SC Media**

**[Defense Dept. bans GPS devices, citing security concerns](#)**

The United States Defence Department has instructed Pentagon employees to not use GPS devices within the vicinity because ‘geolocation capabilities can expose the personal information, locations, routines and numbers of DoD personnel, and potentially create unintended security consequences and increased risk to joint force and mission,’ according to Deputy Secretary of Defense Patrick Shanahan.

*“Pentagon employees can forget about logging their steps or plotting directions to a nearby restaurant, at least while they’re at work, now that the Defense Department has instructed them to turn off their GPS-enabled devices.”*

*“These geolocation capabilities can expose personal information, locations, routines, and numbers of DoD personnel, and potentially create unintended security consequences and increased risk to the joint force and mission,” Deputy Secretary of Defense Patrick Shanahan said in a memo to DoD personnel.”*

**Internet Inclusion**

**01.08.18**

**Channel NewsAsia**

**[Google invests US\\$350m more in Singapore data centre operations, unveils plans for 3rd facility](#)**

Internet giant Google has announced its plans to open a third data centre in Singapore after more businesses and people are getting online.

*“Internet giant Google announced on Wednesday (Aug 1) it will be building a third data centre in Singapore as more consumers and businesses are coming online, and more of these are demanding cloud services.”*

*“The company said in a blog post that it is starting work on the third facility located in Jurong West “just down the road” from its first two buildings, and it would bring its long-term investment in local data centres to US\$850 million. Previously, it said investments amounted to US\$500 million when the second data centre was announced in 2015.”*

**07.08.18**

**Channel NewsAsia**

**[United States falling behind China in race to 5G wireless: Deloitte report](#)**

According to a report by Deloitte, China is winning the race against the United States to build fifth generation mobile networks, 5G. Compared to the US, China currently has ten more sites that support 5G communication.

*“The United States is being outspent by China in the race to build the next generation of wireless communication, known as 5G, and it risks losing out on the potential economic benefits, according to a report by consultants Deloitte published on Tuesday.”*

*“China currently has ten times more sites to support 5G communications than the United States. In just three months of 2017, Chinese cell phone tower companies and carriers added more sites than the U.S had done in the previous three years, the Deloitte Consulting report found.”*

## Pan-Asia

### Internet governance

**02.08.18**

**Channel NewsAsia**

#### [Google plans return to China search market with censored app: sources](#)

Internet giant Google have announced plans to launch a new version of its search engine that will block certain websites and search terms in China.

*“Alphabet Inc's Google plans to launch a version of its search engine in China that will block some websites and search terms, two sources said, in a move that could mark its return to a market it abandoned eight years ago on censorship concerns.”*

*“The plan, which was criticized by human rights advocates, comes as China has stepped up scrutiny of business dealings involving U.S. tech firms including Facebook Inc, Apple Inc and Qualcomm Inc amid intensifying trade tensions between Beijing and Washington.”*

**04.08.18**

**Channel NewsAsia**

#### [Indian panel wants localisation of cloud storage data in possible blow to big tech firms](#)

According to a panel which works on the Indian Government's cloud computing policy, India should be storing data locally in India. This would have a major impact on technology giants Amazon and Microsoft who currently offer data storage services to India.

*“A panel working on the Indian government's cloud computing policy wants data generated in India to be stored within the country, according to its draft report seen by Reuters, a proposal that could deal a blow to global technology giants such as Amazon and Microsoft who offer such services.”*

*“It could not only raise their costs because they will need to ramp up the number and size of data storage centres in India, where power costs remain high, but at least some of those increases are likely to be passed onto customers who include everyone from small start-ups to large Indian corporations.”*



**07.08.18**

**Channel NewsAsia**

**[India asks telcos to find ways to block Facebook, WhatsApp in case of misuse](#)**

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*“India has in recent months intensified efforts to crack down on mass message forwards after it found that people were using social media and messaging apps to spread rumours and stoke public anger.”*

## **Cybersecurity**

**06.08.18**

**Channel NewsAsia**

**[SingHealth cyberattack the work of sophisticated, usually state-linked attackers: Iswaran](#)**

According to the Singaporean Minister for Communications and Information S Iswaran stated in Parliament that the cyber-attack on Singapore’s health IT databases back in June was due to the ‘work of an advanced persistent threat (APT) group’ that are ‘usually state-linked.’

*“The cyberattack on SingHealth’s IT database in June, which resulted in the most serious breach of personal data in Singapore’s history, was “the work of an advanced persistent threat (APT) group” that are “usually state-linked”, said Minister for Communications and Information S Iswaran on Monday (Aug 6).”*

*“Mr Iswaran, in delivering his ministerial statement on the incident in Parliament, said the Cyber Security Agency of Singapore (CSA) has done a detailed analysis of the cyberattack and determined it is by an APT group, which refers to a class of sophisticated attackers who conduct extended, carefully planned cyber campaigns to steal information or disrupt operations.”*

## Privacy

*No new items of relevance*

## Internet Inclusion

**07.08.18**

**Channel NewsAsia**

### [United States falling behind China in race to 5G wireless: Deloitte report](#)

According to a report by Deloitte, China is winning the race against the United States to build fifth generation mobile networks, 5G. Compared to the US, China currently has ten more sites that support 5G communication.

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*“China currently has ten times more sites to support 5G communications than the United States. In just three months of 2017, Chinese cell phone tower companies and carriers added more sites than the U.S had done in the previous three years, the Deloitte Consulting report found.”*

## Rest of the World

### Internet governance

*No new items of relevance*

### Cybersecurity

**26.06.18**

**Channel NewsAsia**

#### [As global cybersecurity threats grow, here's how Australia is trying to safeguard citizens' data](#)

According to the Chief Information Security Officer of the Australian Government Department of Human Services, Ms. Narelle Devine, Australia are attempting to safeguard its citizens data by designing IT systems that have cyber security systems in-built rather than adding them on later.

*“Amid the backdrop of an increase in online threats, Australia is focused on making sure its citizens' data is properly safeguarded by designing its IT systems and processes with security a key component from the start rather than tacked on later.”*

*“Ms. Narelle Devine, chief information security officer of the Australian Government Department of Human Services, said during a panel session at RSA Conference on Thursday (Jul 26) that the threat landscape is complex and it is getting “less easy to tell” if a cyberattack is committed by a cybercriminal group or by state actors.”*

**31.07.18**

**The Wall Street Journal**

#### [Pence Blames Russia for 2016 Election Interference, Vows to Tighten Cybersecurity](#)

According to US Vice President, Mike Pence, Russia is to blame for hacking the 2016 election infrastructure and has urged President Trump to introduce tough sanctions to deter future cyber attacks from Russia.

*“Vice President Mike Pence put the blame for 2016 election interference squarely on Russia and pledged that the Trump administration would step up efforts to deter cyberattacks against U.S. democracy.”*

*“While other nations possessed the capability, Russia meddled in our 2016 election,” Mr. Pence said Tuesday in his first significant speech about cybersecurity. “That is the unambiguous judgment of our intelligence community.”*

**04.08.18**

**Reuters**

### **[SE Asia falls short on cybersecurity pact with Russia: Singapore](#)**

Southeast Asian countries including China and Singapore are seeking to strike a cybersecurity agreement with Russia despite news that Russia interfered in the US Presidential elections. However, Singapore’s Foreign Minister, Vivian Balakrishnan said they “didn’t get down to settling” a cybersecurity agreement.

*“Singapore’s foreign minister said on Saturday that Southeast Asian nations “didn’t get down to settling” a cyber security agreement with Russia.”*

*“The draft of a communique seen by Reuters before meetings between regional leaders and other world delegates started on Thursday, spoke about strengthening cooperation with Russia, accused of meddling in U.S. elections, in the field of cybersecurity.”*

## **Privacy**

***No new items of relevance***

## **Internet Inclusion**

**01.08.18**

**Channel NewsAsia**

### **[Google invests US\\$350m more in Singapore data centre operations, unveils plans for 3rd facility](#)**

Internet giant Google has announced its plans to open a third data centre in Singapore after more businesses and people are getting online.

*“Internet giant Google announced on Wednesday (Aug 1) it will be building a third data centre in Singapore as more consumers and businesses are coming online, and more of these are demanding cloud services.”*

*“The company said in a blog post that it is starting work on the third facility located in Jurong West “just down the road” from its first two buildings, and it would bring its long-term investment in local data centres to US\$850 million. Previously, it said investments amounted to US\$500 million when the second data centre was announced in 2015.”*

**01.08.18**

**The Guardian**

**[Digital assets exchange firm Quidax launches in Nigeria](#)**

Quidax, a European based company that facilitates customers to buy and sell Bitcoin have announced plans to move their digital assets exchange to Nigeria.

*“A European based company called Quidax launches her digital assets exchange in Nigeria.”*

*“Their story dates to 2016 when the founders came together to create a platform that will leave a dent in the world of finance and their goal is to give opportunities to as many that want to be a part of a great story of wealth circulation.”*

**06.08.18**

**IT News Africa**

**[Bitcoin-funded charity in Africa? Yes, says Paxful](#)**

Artur Schaback, the founding partner of Paxful, a platform to buy and sell Bitcoin launched #BuiltWithBitcoin to encourage the cryptocurrency sector to contribute Bitcoins to help charities in Africa.

*“Paxful, the global crypto-marketplace, launched #BuiltWithBitcoin to encourage the cryptocurrency sector to contribute funds for humanitarian projects. The International non-profit organization, Zam Zam Water, is the implementation partner for the program.”*

*“Paxful has always believed in the potential of bitcoin to benefit people across Africa, including building 100 schools across the continent, as well as water wells and community gardens for sustainable agriculture.”*

**07.08.18**

**IT News Africa**

**[Education solutions for the growing transformation in technology](#)**

Technology company Acer has teamed up with the University of Johannesburg to introduce a 12-week technology course to help students learn about the digital economy and new technologies.

*“A society lead by technology is rapidly transforming the way the youth use and digest digital transformation, both socially and on an educational level.”*

*“As part of Acer Africa’s commitment to bring e-learning into the classrooms, together with the University of Johannesburg (UJ) hosted a 12-week technology crash course which was held as part of the university’s Workplace 4.0 Project, enabling students to think digitally, create and develop from their lecture rooms.”*

**07.08.18**

**IT News Africa**

**[South African learners use AI and Robotics to solve community problems](#)**

I-Innovate an educational company has committed to helping students in South Africa develop their talents and skills critically important in this digital age. For example, grade 9 students will learn how to use Artificial intelligence to solve community problems.

*“STE(A)M educational company, I-Innovate has brought another 21st Century learning programme to South Africa to open up opportunities in our under-served school communities for learners to develop the talents and skills that are critical in this Digital Age.”*

*“This term, Grade 9 students from Diepsloot Combined School are diving into fascinating Artificial Intelligence (AI) concepts; learning how to create and use AI to problem-solve and innovate in their own lives and communities.”*

**08.08.18**

**IT News Africa**

**[UCT launches a new Massive Open Online Course geared towards fintech](#)**

The University of Cape Town have announced their plans to offer a four-week course to equip students with the necessary skills to understand the Financial technology industry in South Africa.

*“UCT has launched a Massive Open Online Course (MOOC) examining the rise of fintech companies, the technology that enabled them and the regulation needed in an emerging market environment. The four-week course is being offered on Coursera, an online learning platform, which has 33 million users.”*

*“Dr. Co-Pierre Georg, Associate Professor at the African Institute of Financial Markets and Risk Management (AIFMRM), teaches the course. He feels it aligns with AIFMRM’s aims of equipping people with the necessary skills to make meaningful contributions to the financial industry.”*

**08.08.18**

### **The Guardian**

#### **[ISPs struggle, connect 219,117 subscribers to Internet](#)**

According to the Nigerian Communications Commission, the number of licensed Internet Service Providers (ISP) has plummeted in Nigeria. Out of 219,117 connections, only approximately 126,378 users are active on the Internet through the ISPs during the first quarter of 2018.

*“The growth profile of licensed Internet Service Providers (ISPs) in the country has continued to plummet. Statistics obtained by The Guardian from the Nigerian Communications Commission (NCC) confirmed this. The statistics revealed that out of the 219,117 connections, only about 126, 378 users are active on the Internet through the ISPs as at first quarter 2018.”*

*“These connected lines were made possible by the efforts of 23 ISPs, including Spectranet, IS Internet Solutions, VDT, Cobranet, e-Stream, Cyberspace, MainOne Cables, Juniper Solutions, Backbone Connectivity, Hyperia, ipNX, Zeta-Web Nigeria, Ekovolt Telco Nigeria, Layer 3 Ltd, NetAccess Communications Nigeria, among others.”*

## Global Institutions

**08.08.18**

### **Fifth Domain**

#### **[NATO's tougher approach to cyberthreats is all about operationalization](#)**

During the NATO Summit in Brussels, NATO members agreed to “employ the full range of capabilities, including cyber, to deter, defend against and to counter the full spectrum of cyber threats.” This means both defensive and offensive capabilities can be deployed.

*“Amid the theatrics surrounding the defense spending issue at the recent NATO Summit in Brussels, some groundbreaking decisions made by the allies on cyber defense were overlooked. They represent a major shift in NATO’s approach to cyberattacks and their details are worth decoding.”*

*“NATO’s new approach spelled out in the comprehensive “Summit Declaration” and other public documents, is all about the operationalization of cyber defense and imposing costs upon attackers.”*



## Diary Dates

**Women in Tech Council – 20.09.18**

London England

**5th Annual Industrial Control Cyber Security USA – 18.09.18 – 19.09.18**

Sacramento, USA

**ISC2 Secure Summit Toronto – 01.10.18**

Toronto, Canada

**MESCON Cybersecurity Conference (Middle Eastern Security Conference)  
Muscat – 02.10.18 – 03.10.18**

Muscat, Oman