

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 2 JUN 2017 (JUMAAT)

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Malaysia Anggotai Lembaga Pengarah SMIIC Mulai Tahun Ini - Ahmad Zahid

PUTRAJAYA, 1 Jun (Bernama) -- Malaysia menganggotai Lembaga Pengarah dalam Institut Standards dan Metrologi untuk Negara-Negara Islam (SMIIC) mulai tahun ini, kata Timbalan Perdana Menteri Datuk Seri Dr Ahmad Zahid Hamidi.

Beliau berkata keputusan itu dibuat oleh Majlis Halal Malaysia sesuai dengan peranan aktif dimainkan kerajaan dalam pembangunan standard dan akreditasi halal global.

"Jawatankuasa Kebangsaan SMIIC yang diterajui Jabatan Standard Malaysia akan menjadi agensi penyelaras kepada semua program di bawah SMIIC untuk Malaysia," katanya dalam kenyataan di sini.

Beliau hari ini mempengerusikan mesyuarat Majlis Halal Malaysia bil 2/2017 yang turut dihadiri Menteri di Jabatan Perdana Menteri Datuk Seri Jamil Khir Baharom dan Menteri Perdagangan Antarabangsa dan Industri Datuk Seri Mustapa Mohamed.

Timbalan perdana menteri berkata majlis itu turut memperakukan cadangan Blueprint (Pelan Tindakan) Memperkasa Bumiputera dalam industri halal.

Pelan tindakan itu akan diselaraskan bersama agenda Transformasi Kesejahteraan Bumiputera (TKB) dan Hala Tuju Transformasi Ekonomi Bumiputera 2.0 (BETR 2.0) di bawah Unit Peneraju Ekonomi Bumiputera (Teraju), katanya.

Ahmad Zahid berkata Majlis Halal Malaysia sejak ditubuhkan pada 2016 telah melaksanakan pelbagai inisiatif termasuk menambah baik proses pengeluaran Sijik Pengesahan Halal Malaysia (SPHM) melalui program Halal Fast Force.

Katanya Jabatan Kemajuan Islam Malaysia (Jakim) melaksanakan program itu sejak 1 Ogos 2016 dan sedang diperluaskan di negeri-negeri secara berperingkat bagi memastikan proses SPHM dilaksanakan dengan seragam dan cepat.

"Bagi tempoh lima bulan tahun ini, sebanyak 977 permohonan SPHM yang diterima dan sebanyak 966 atau 98.8 peratus telah diluluskan oleh Jakim," katanya.

Bagi merancakkan lagi ekosistem halal di negara ini, Ahmad Zahid berkata kerajaan sedang menggerakkan lima agenda penting untuk tempoh 2018 hingga 2020.

Agenda itu adalah memperkasakan Halal Professional Board (HPB) di peringkat antarabangsa untuk melahirkan lebih ramai profesional dalam bidang halal; dan menubuhkan International Halal Authority Board (IHAB) yang dapat mengharmonikan

semua autoriti halal dunia dalam pensijilan halal.

Selain itu, Ahmad Zahid berkata kerajaan turut membentuk Halal International Research Academy (HIRA) yang belum pernah lagi terdapat di rantau ini.

Beliau berkata kerajaan turut mewujudkan Malaysia Institute Halal Academy (MIHA) untuk melahirkan generasi teknokrat dalam industri halal; dan menubuhkan Halal Innovation and Technology Centre (HITeC) untuk mengembangkan lagi tahap kreativiti dan inovasi dalam industri halal.

Menurut Ahmad Zahid sebanyak tujuh kertas pembentangan daripada Jakim, Kementerian Perdagangan Antarabangsa dan Industri dan **Kementerian Sains, Teknologi dan Inovasi** turut dibincangkan dalam mesyuarat itu.

Antaranya hala tuju Majlis Halal Malaysia sehingga 2020; inisiatif membangunkan Pelan Tindakan Pemerkasaan Bumiputera dalam industri halal; dan memperkukuh penglibatan Malaysia dalam aktiviti standard dan akreditasi bidang halal antarabangsa.

Turut dibincangkan adalah kertas mengenai penambahbaikan proses penyampaian perkhidmatan SPHM; dan kerangka baharu Pelan Induk Industri Halal.

-- BERNAMA

KERATAN AKHBAR
HARIAN METRO (TENGAH) : MUKA SURAT 52
TARIKH : 2 JUN 2017 (JUMAAT)

Putrajaya: Lima agenda penting sedang digerakkan oleh kerajaan dalam usaha merancakkan lagi ekosistem halal di negara ini dalam tempoh 2018 hingga 2020.

Timbalan Perdana Menteri Datuk Seri Ahmad Zahid Hamidi berkata, antara agenda penting itu termasuk memperkasakan Lembaga Profesional Halal

Saran lahir lebih ramai arif bidang halal

(HPB) di peringkat antarabangsa bagi melahirkan lebih ramai profesional dalam bidang halal.

Katanya, Lembaga Berkuasa Halal Antarabangsa (IHAB) juga akan dirubuhkan bagi mengharmonikan semua pihak berkuasa halal dunia dalam pensijilan halal.

"Selain itu, Akademi Penyelidikan Halal Antarabangsa (HIRA) akan dibentuk di mana ia belum pernah diwujudkan dalam rantau ini serta menubuhkan Institut Akademi Halal Malaysia (MIHA) bagi melahirkan generasi teknokrat dalam industri halal.

"Pada masa sama, Pusat Teknologi dan Inovasi Halal (HITeC) akan diwujudkan yang bertujuan mengembangkan lagi tahap kreativiti dan inovasi dalam industri halal," katanya menerusi satu kenyataan selepas mengengerusikan mesyuarat Majlis Halal Malaysia, di

sini, semalam.

Pada mesyuarat itu, sebanyak tujuh kertas dibentangkan oleh JAKIM, Kementerian Perdagangan Antarabangsa dan Industri serta Kementerian Sains, Teknologi dan Inovasi yang merangkumi tiga kertas pertimbangan dan empat kertas maklumat.

TOWARDS 2020

GOVT'S 5 STEPS TO BOOST HALAL ECOSYSTEM

Efforts include
producing more
professionals and
speeding up
certification process

FAIRUZ MOHD SHAHAR
PUTRAJAYA
news@nst.com.my

THE government is mobilising five important agendas from next year to 2020 to boost the halal ecosystem in the country.

Deputy Prime Minister Datuk Seri Dr Ahmad Zahid Hamidi said the agendas included empowering the Halal Professional Board at the international level to produce more professionals in the halal field.

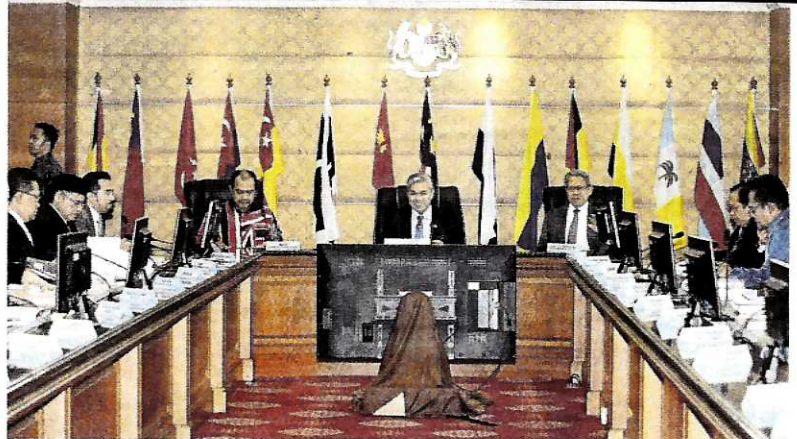
"We will also set up an International Halal Authority Board to

standardise the authorities in global halal certification and form a Halal International Research Academy.

"Other efforts include creating a Malaysia Halal Academy to improve tech knowledge in the halal industry and establishing a Halal Innovation and Technology Centre to boost creativity and innovation in the industry," he said after chairing the Malaysia Halal Council meeting yesterday.

Present were Ministers in the Prime Minister's Department Datuk Seri Abdul Rahman Dahlan and Datuk Seri Jamil Khir Baharom, International Trade and Industry Minister Datuk Seri Mustapa Mohamed, Higher Education Minister Datuk Seri Idris Jusoh and Urban Wellbeing, Housing and Local Government Minister Tan Sri Noh Omar.

Zahid said the Islamic Development Department (Jakim) would expand the Halal Fast Force programme in all states to



Deputy Prime Minister Datuk Seri Dr Ahmad Zahid Hamidi chairing the Malaysia Halal Council meeting in Putrajaya yesterday. PIC BY AHMAD IRHAM MOHD NOOR

expedite and standardise the halal certification process.

He said the programme, which started in August last year, was being expanded in stages.

"Since the establishment of the Malaysia Halal Council on June 8 last year, short- and long term initiatives have been implemented to support the halal industry.

"This includes improving the halal certification process through the Halal Fast Force.

"In the first five months of this year, we have received 977 applications for halal certification, 966 of which have been approved by Jakim."

The council had also decided that Malaysia would join the Board of Directors of the Standard and Metrology Institute for

Islamic Countries (SMIIC) starting this year.

The decision was in line with the government's active role in the development of global halal standards and accreditation.

"The SMIIC national committee, led by the Standards Department under the Science, Technology and Innovation Ministry, will be the coordinating agency for all programmes under SMIIC for Malaysia," Zahid said.

He said the council also recognised the proposal for a blueprint to empower Bumiputeras in the halal industry. The blueprint would be streamlined with the Bumiputera Wellbeing Transformation and Bumiputera Economic Transformation Roadmap.

At the meeting, seven papers

were presented by Jakim and the International Trade and Industry and Science, Technology and Innovation ministries.

Matters discussed included the council's direction until 2020; a plan to develop a blueprint on empowering Bumiputeras in the halal industry; strengthening Malaysia's participation in the field of standards and accreditation in the international halal industry; and, improving the halal certification service delivery.

The meeting also discussed the report from the 2017 Halal Industry Dialogue Session; the progress of the development framework to implement the halal initiative in industries; and the new Halal Industry Masterplan framework.

KERATAN AKHBAR UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 3 TARIKH : 2 JUN 2017 (JUMAAT)

Lima agenda rancakkan ekosistem halal negara

PUTRAJAYA 1 Jun - Datuk Seri Dr. Ahmad Zahid Hamidi berkata, kerajaan akan menggerakkan lima agenda penting dalam tempoh 2018 hingga 2020 bagi merancakkan ekosistem halal negara.

Menurut Timbalan Perdana Menteri, agenda tersebut termasuk menubuhkan Lembaga Pihak Berkuasa Halal Antarabangsa (IHAB) yang dapat menyeragamkan semua badan halal dunia dalam pensijilan halal.

Katanya lagi, kerajaan juga akan memperkasakan Lembaga Profesional Halal (HPB) di peringkat antarabangsa bagi melahirkan lebih ramai profesional dalam bidang halal.

"Kerajaan turut akan membentuk Akademi Kajian Halal Antarabangsa (HIRA) yang belum pernah terdapat di rantau ini selain mewujudkan Institut Akademi Halal Malaysia (MIHA) bagi melahirkan generasi teknokrat dalam industri halal."

"Kita juga akan menubuhkan Pusat Teknologi dan Inovasi Halal (HITEC) untuk mengembangkan lagi tahap kreativiti dan inovasi dalam industri halal," katanya dalam satu kenyataan selepas mempengerusikan Mesyuarat Majlis Halal Malaysia di Bangunan Perdana Putra di sini hari ini.

Hadir sama Menteri di Jabatan Perdana Menteri, Datuk Seri Jamil Khir Baharom; Menteri Perdagangan Antarabangsa dan Industri,



AHMAD ZAHID HAMIDI mempengerusikan Mesyuarat Majlis Halal Malaysia di Bangunan Putra Perdana, Putrajaya, semalam. - UTUSAN/RASHID MAHFOF

Datuk Seri Mustapa Mohamed dan Menteri di Jabatan Perdana Menteri, Datuk Seri Abdul Rahman Dahlan.

Menurut Ahmad Zahid, Majlis Halal Malaysia turut memutuskan Malaysia menganggotai Lembaga Pengarah Standard and Metrology Institute for Islamic Countries (SMIIC) mulai tahun ini selaras dengan peranan aktif kerajaan dalam pembangunan standard dan akreditasi halal global.

"Jawatankuasa Kebangsaan SMIIC yang diterajui oleh Jabatan

Standard Malaysia akan menjadi agensi penyelaras kepada semua program di bawah SMIIC untuk Malaysia," katanya.

Beliau memberitahu, majlis tersebut turut memperakukan cadangan untuk Pelan Memperkasa Bumiputera dalam Industri Halal diselaraskan dengan agenda Transformasi Kesejahteraan Bumiputera (TKB) dan Hala Tuju Transformasi Ekonomi Bumiputera 2.0 di bawah Unit Peneraju Ekonomi Bumiputera (Teraju).

Dalam pada itu, beliau mem-

beritahu, proses pengeluaran Sijil Pengesahan Halal Malaysia (SPHM) menerusi program 'Halal Fast Force' telah banyak menyokong pembangunan industri halal negara serta menjadikan proses pengeluaran lebih seragam dan cepat.

"Bagi tempoh lima bulan tahun 2017, sebanyak 977 permohonan SPHM diterima dan sebanyak 966 atau 98.8 peratus yang telah diluluskan oleh Jakim," ujarnya yang memberitahu 'Halal Fast Force' telah mula dilaksanakan sejak 1 Ogos tahun lalu.

Kita juga akan menubuhkan Pusat Teknologi dan Inovasi Halal (HITEC) untuk mengembangkan lagi tahap kreativiti dan inovasi dalam industri halal."

AHMAD ZAHID HAMIDI
Timbalan Perdana Menteri

KERATAN AKHBAR
BERITA HARIAN (DASAR) : MUKA SURAT 6
TARIKH : 2 JUN 2017 (JUMAAT)

5 agenda penting rancak ekosistem halal negara

Putrajaya: Lima agenda penting bagi merancakkan ekosistem halal negara untuk tempoh 2018-2020 sedang digerakkan kerajaan termasuk memperkasa Lembaga Profesional Halal (HPB) pada peringkat antarabangsa bagi melahirkan lebih ramai profesional bidang halal.

Timbalan Perdana Menteri, Datuk Seri Dr Ahmad Zahid Hamidi, berkata kerajaan juga menubuhkan Lembaga Pihak Berkuasa Halal Antarabangsa (IHAB) yang dapat menyeragamkan semua badan halal dunia dalam pensijilan halal.

"Kerajaan turut membentuk Akademi Kajian Halal Antarabangsa (HIRA) yang belum pernah ter-

dapat di rantau ini selain mewujudkan Institut Akademi Halal Malaysia (MIHA) bagi melahirkan generasi teknokrat dalam industri halal.

Tubuh HITeC

"Kita juga akan menubuhkan Pusat Teknologi dan Inovasi Halal (HITeC) untuk mengembangkan lagi tahap kreativiti dan inovasi dalam industri halal," katanya dalam kenyataan selepas mempengerusikan mesyuarat Majlis Halal Malaysia, di sini, semalam.

Yang turut hadir, Menteri Perdagangan Antarabangsa dan Industri, Datuk Seri Mustapa Mohamed; Menteri di Jabatan Per-

**Fakta
nombor**

977 PERMOHONAN

dikemukakan kepada JAKIM bagi mendapatkan Sijil Pengesahan Halal Malaysia untuk tempoh lima bulan pertama 2017

dana Menteri, Datuk Seri Jamil Khir Baharom serta Datuk Seri Abdul Rahman Dahlan.

Tambah Ahmad Zahid, Majlis Halal Malaysia turut memutuskan supaya Malaysia menganggotai Lembaga Pengarah dalam Institut Standards dan Metrologi untuk Negara-Negara Islam (SMIIC) mulai tahun ini kerana ia sesuai dengan peranan aktif dimainkan kerajaan dalam pembangunan standard dan akreditasi halal global.

Agensi penyelaras

"Jawatankuasa Kebangsaan SMIIC yang diterajui Jabatan Standard Malaysia akan menjadi agensi penyelaras kepada semua program di ba-

wah SMIIC," katanya.

Tambah beliau, majlis berkenaan turut memperakui cadangan Pelan Induk Memperkasa Bumiputera dalam industri halal, yang mana ia akan diselarasakan bersama agenda Transformasi Kesejahteraan Bumiputera (TKB) dan Hala Tuju Transformasi Ekonomi Bumiputera 2.0 (BETR 2.0) di bawah Unit Peneraju Ekonomi Bumiputera (TERAJU).

Selain itu katanya, program Halal Fast Force yang dilaksana sejak Ogos 2016 terbukti dapat menambah baik proses pengeluaran Sijil Pengesahan Halal Malaysia (SPHM) di bawah Jabatan Kemajuan Islam Malaysia (JAKIM).



NCCC Wants KPDNKK, MCMC To Probe LuxStyle International

PETALING JAYA, June 1 (Bernama) -- National Consumer Complaints Centre (NCCC) urged an investigation into online retailer, LuxStyle International Sales ApS (LuxStyle) in relation to their questionable sales method.

Its Senior Manager, Legal and Policy Shabana Naseer Ahmad said the centre has received at least 50 complaints so far and the number increases on a daily basis, especially among young people.

She said the organisation would send a written report to the Ministry of Domestic Trade, Cooperatives and Consumerism (KPDNKK), Malaysian Communications and Multimedia Commission (MCMC) and **CyberSecurity Malaysia** to conduct further investigations on the matter.

"Lux International Sales ApS advertised its product through social media. The goods are considered ordered if a consumer selected a product and entered their contact information. The online retailer has been sending consumers payment notices for products they have never ordered," Shabana said in a press conference here, today.

Thus, she said it was important to send messages across the public to be aware of such complaints and to take necessary measures to prevent them from falling victim.

"We want the authorities to do something about this and we request MCMC to block the web page. This is a cross border jurisdiction and the authorities are the only ones who have the power to investigate this matter. We have consumers calling us if they could bring this matter to the tribunal but it is beyond their jurisdiction as well.

"Debt collectors in Australia have started to harass consumers to pay for the items but at the moment, we have not received any complaints from Malaysian consumers. We do not want it to reach to that stage," she said adding that the web page had already been blocked in Australia.

Shabana therefore advised those who had visited the LuxStyle website and received products as well as invoice, to not send back the package or make any payment.

"If the company have sent you an email, you may in writing, express to the seller that you do not want the products. We are not saying that they're a scam because products are delivered to consumers but we are questioning their method of selling.

"It's like you're forcing others to purchase the products," she said, adding that

consumers are required to pay for the items within two weeks using their credit card or other payment methods such as PayPal to avoid late reminder fees," she said.

Towards this end, she also advised consumers to not simply provide their information and to check the company's background beforehand.

-- BERNAMA

Dipaksa bayar

■ Syarikat Denmark hantar produk depan pintu disertai invoice walaupun tidak tempah

Mohd Hasbi Sidek
mohd.hasbi@hmetro.com.my

Petaling Jaya

Hantar produk yang dijual bersama invoice bayaran sebelum memaksa orang ramai membayar harga produk itu walaupun tempahan tidak pernah dilakukan.

Itu modus operandi sebuah syarikat berpangkalan di Denmark yang giat memperdayakan mangsa di negara ini sejak awal Mei lalu melalui media sosial.

Syarikat berkenaan akan mengiklan produk mereka di media sosial seperti Facebook dan Instagram sebelum mangsa membuka pautan iklan berkenaan selain memberikan maklumat peribadi. Selepas melihat produk termasuk harganya, pelanggan biasanya tidak akan menempah atau membeli barang berkenaan sebaliknya keluar daripada laman web syarikat itu.

Pengurus Kanan Dasar dan Perundingan Pusat Khidmat Aduan Pengguna Nasional (NCCC) Shabana Naseer Ahmad berkata, berdasarkan maklumat peribadi yang diberikan pelanggan, pihak syarikat akan menghantar barang terus pintu rumah pelanggan bersama invoice bayaran.

"Dalam tempoh seminggu, NCCC dibanjiri aduan sama terhadap produk syarikat itu selain lain



SHABANA mendedahkan penipuan syarikat Denmark pada sidang media di pejabatnya, semalam.

kaedah jualan mereka yang membuatkan pelanggan tersepit.

"Sejak awal Mei lalu, lebih 50 individu menjadi mangsa kelicikan syarikat ini yang dilihat cuba mengaut keuntungan dengan cara paksaan licik. Bagaimanapun rata-rata individu tidak pernah membuat bayaran kepada pihak syarikat," katanya ketika sidang media di pejabat ERA Consumer Malaysia, di sini, semalam.

Beliau berkata, pihaknya mendapat maklumat syarikat yang menjual produk berharga antara RM200 hingga RM400 itu turut men-

sarkan mangsa di Australia dan Eropah dengan taktik sama sejak awal tahun ini.

"Apa yang membimbangkan adalah pelanggan seolah-olah berhutang dengan syarikat itu sedangkan mereka tidak pernah bersetuju untuk membeli produk berkenaan membabitkan gajet elektronik dan produk kecantikan.

"Lebih membimbangkan apabila syarikat itu mempunyai maklumat peribadi pelanggan. Berdasarkan maklumat pengguna di Australia, mereka dihubun-

gi melalui panggilan telefon dan dipaksa membayar harga produk itu," katanya.

Menujutnya, NCCC akan menghantar laporan kepada

Kementerian Perdagangan Dalam Negeri, Koperasi dan Kepenggunaan (KPDNKK), Suruhanjaya Komunikasi dan Multimedia Malaysia (SKMM) serta Cybersecurity Malaysia (CSM) untuk menjalankan siasatan lanjut mengenai perkara ini.

"Orang ramai yang mengalami situasi sama dinasihatkan tidak menghantar kembali pakej yang diterima, jangan membuat pembayaran dan boleh memaklumkan kepada pihak syarikat anda tidak pernah membeli produk sekiranya dihubungi," katanya.

NCCC dibanjiri aduan sama terhadap produk syarikat Denmark
Shabana Naseer Ahmad





ELINA NOOR

CONNECTED WORLD

THE FUZZY LOGIC OF CYBERSPACE

We must understand the opportunities and inherent tensions that inextricably, yet awkwardly, connect stakeholders

LAST week, the Institute of Strategic and International Studies Malaysia convened the 31st Asia-Pacific Roundtable (APR), which was attended by approximately 260 local and international policy-watchers of the region.

As it has for decades, the APR deliberated in comprehensive fashion a number of strategic issues confronting the security of the region.

One of those discussions centred around emerging tensions in cyberspace between the private sector, on the one hand, and governments, on the other; the former, with its prioritisation of privacy and trust to catalyse technological innovation in order to capture an ever-growing market share, and the latter, focused on preempting, preventing, and defending against threats to national security.

Anchored by a majority panel of private sector players, it was an unconventional session that captured participants' attention (at least that of those who remained) for its currency and complexity. Participants stayed either because they actually understood the issues being discussed, or out of a desire to understand the fuzzy logic of cyberspace.

"Cyber" has become one of those buzzwords that people "get", yet don't really get. We understand how pervasive the cyber domain has become, given how much of our lives is spent on it, yet we do not fully comprehend the networks, systems, infrastructure, and above all, trust that underpin it.

We transact in cyberspace, yet we do not always grasp how the security of our data lies first and foremost with us. We realise how vulnerable we are in cyberspace, given how much of ourselves we



The ransomware WannaCry has affected the critical national infrastructure of more than 10 nations. REUTERS PIC

divulge in it, yet we overlook just how much of our identity can be pieced together with enough motivation.

We entrust our data to the companies that store and transfer them, yet we are caught unawares when governments exploit vulnerabilities to mine that data for national security purposes.

Cyberspace and cyber security, therefore, are ethereal notions that we have come to accept in our lexicon, but have not yet begun to assume responsibility for or assign accountability to.

In large part, this is because unlike the natural domains of air, land, sea and space, the infrastructure of cyberspace — from fibre optic cables to servers that maintain "clouds" — is man-made and, therefore, shared and governed by multiple stakeholders.

The private sector builds, owns, and maintains much of the physical infrastructure, or hardware, of cyberspace. Large technological multinational companies (MNCs) also provide the software that make up the soft underbelly of this super structure — from desktop programmes to mobile applications.

The size, revenue and influence of some of these giant MNCs dwarf smaller nation-states and economies. They operate across jurisdictions but have to comply with local regulations.

This means that they serve not only individual clients, but also governments that may have very

different — and occasionally, conflicting — interests in using or leveraging the same products and services offered.

Companies that profit off cyberspace understand that trust in open, distributed programmes, networks and systems is key to making it all work.

Individual end-users expect that the information they send on invisible networks will be routed to and received by intended recipients in whole, rather than in part.

Until recently, as exposed by the Snowden leaks, there was also a certain naiveté that the privacy of this information would not be deliberately or accidentally compromised by the technology companies transmitting this information through the different states they operate in.

To say that borders do not exist in cyberspace is misleading. Data servers, for one, are physically located within a country's borders and protection of that data is subjected to laws governing that state.

Additionally, as with the Apple vs Federal Bureau of Investigation case last year, a nation's laws on free speech and privacy may determine the extent to which technology companies can guarantee data encryption.

They may also inadvertently afford mass murderers, terrorists, gang-bangers, and paedophiles, to paraphrase former FBI director James Comey, the opportunity to exploit encryption in the

name of free speech.

What can be hard-hitting borderless, however, is the impact of a government's interface with technological companies.

This was most recently demonstrated by the scale and spread of the ransomware WannaCry, which affected more than 10 nations as well as their critical national infrastructure, like the United Kingdom's National Health Service.

Although chiefly a criminal campaign despite rumoured links to a nation-state, WannaCry was drawn from — and its effects exacerbated by — a Microsoft vulnerability that had initially and allegedly been part of the United States' National Security Agency's offensive cyber arsenal.

This stockpiling by governments of what are called zero-day vulnerabilities, or programmatic flaws that are left undisclosed to be exploited to attack users, in infrastructure, even countries, is shining new light on old frictions between technology companies and nation-states.

WannaCry showed that when giants collide in cyberspace, individuals end up paying in real life.

There are other important, strategic implications to be drawn from these unfolding developments, including how nation-states should behave with each other in cyberspace, what role the private sector should have in that debate, and whether a nuclear deterrence-like concept could work in cyberspace.

As technologically-advanced countries build up and boldly declare their offensive cyber capabilities, there are suggestions that the threat of mutually assured disruption will preserve stability in both the virtual and physical realms.

It is, therefore, critical that we begin to understand the multi-layered, overlapping nature of cyberspace, as well as the opportunities and inherent tensions that inextricably, yet, awkwardly connect its private, public and individual stakeholders.

elina@isis.org.my

The writer is director of foreign policy and security studies at the Institute of Strategic and International Studies Malaysia

WannaCry showed that when giants collide in cyberspace, individuals end up paying in real life.