



# Trendek a kiberbiztonságban – Stratégiai kitekintés

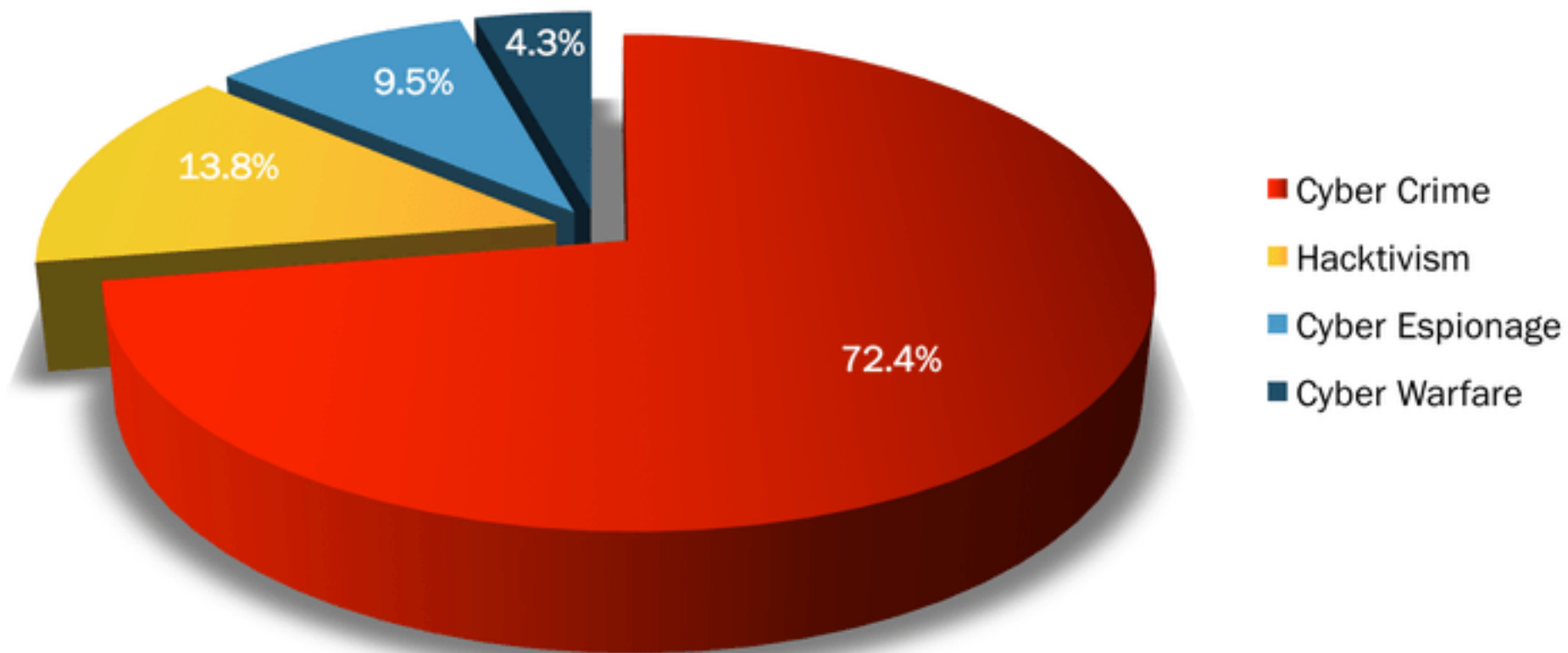
Dr. Krasznay Csaba  
Nemzeti Közzszolgálati Egyetem





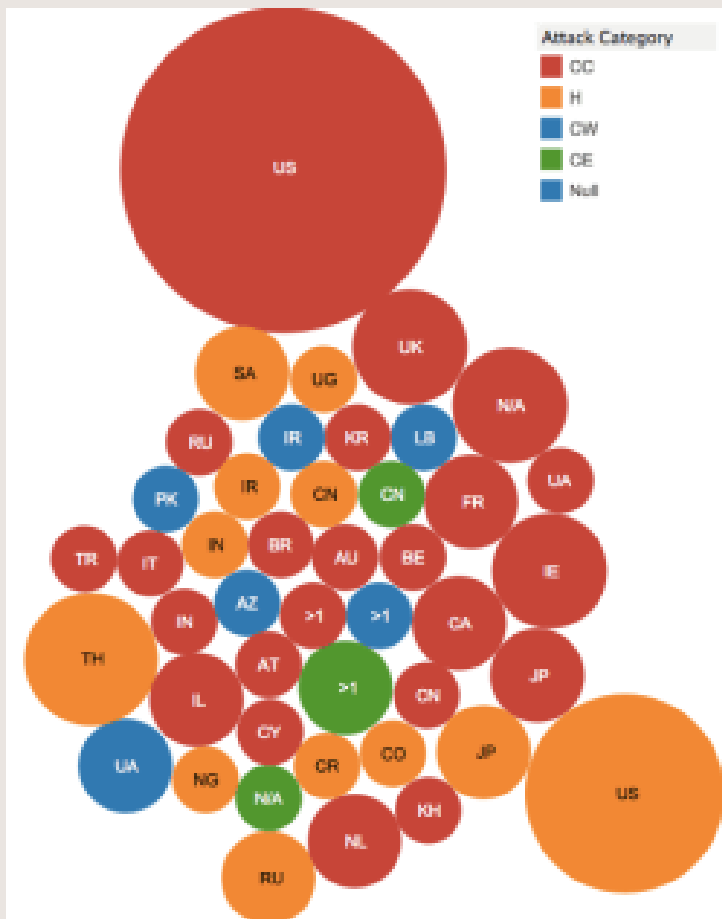
# Mi történt?

Motivations Behind Attacks  
August 2016





# Ki érintett?



## Countries best prepared against cyberattacks

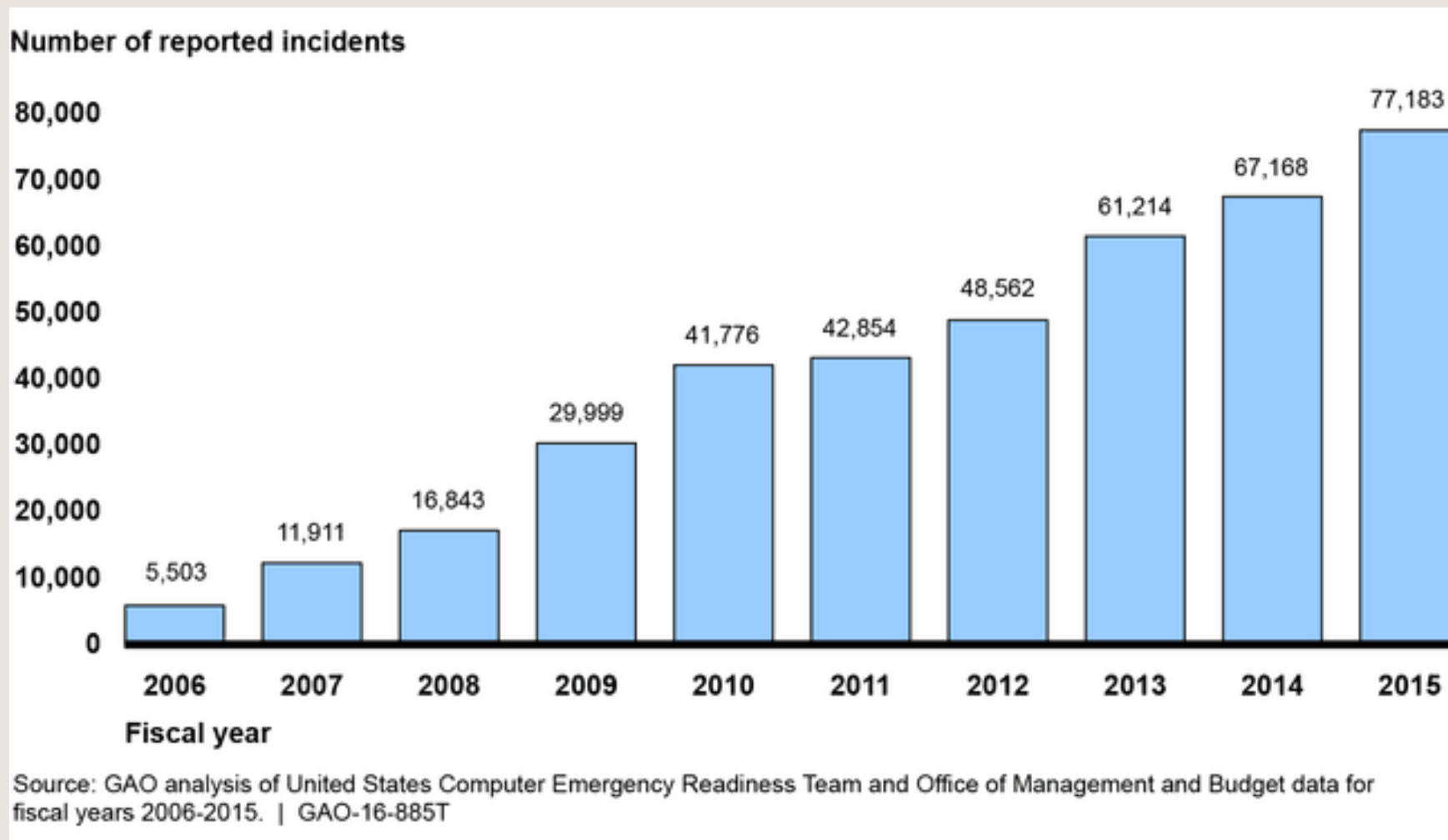
WORLD  
ECONOMIC  
FORUM

COMMITTED TO  
IMPROVING THE STATE  
OF THE WORLD

	Score
United States of America	0.824
Canada	0.794
Australia	0.765
Malaysia	0.765
Oman	0.765
New Zealand	0.735
Norway	0.735
Brazil	0.706
Estonia	0.706
Germany	0.706
India	0.706
Japan	0.706
Republic of Korea	0.706
United Kingdom	0.706
Austria	0.676
Hungary	0.676
Israel	0.676
Netherlands	0.676
Singapore	0.676
Latvia	0.647

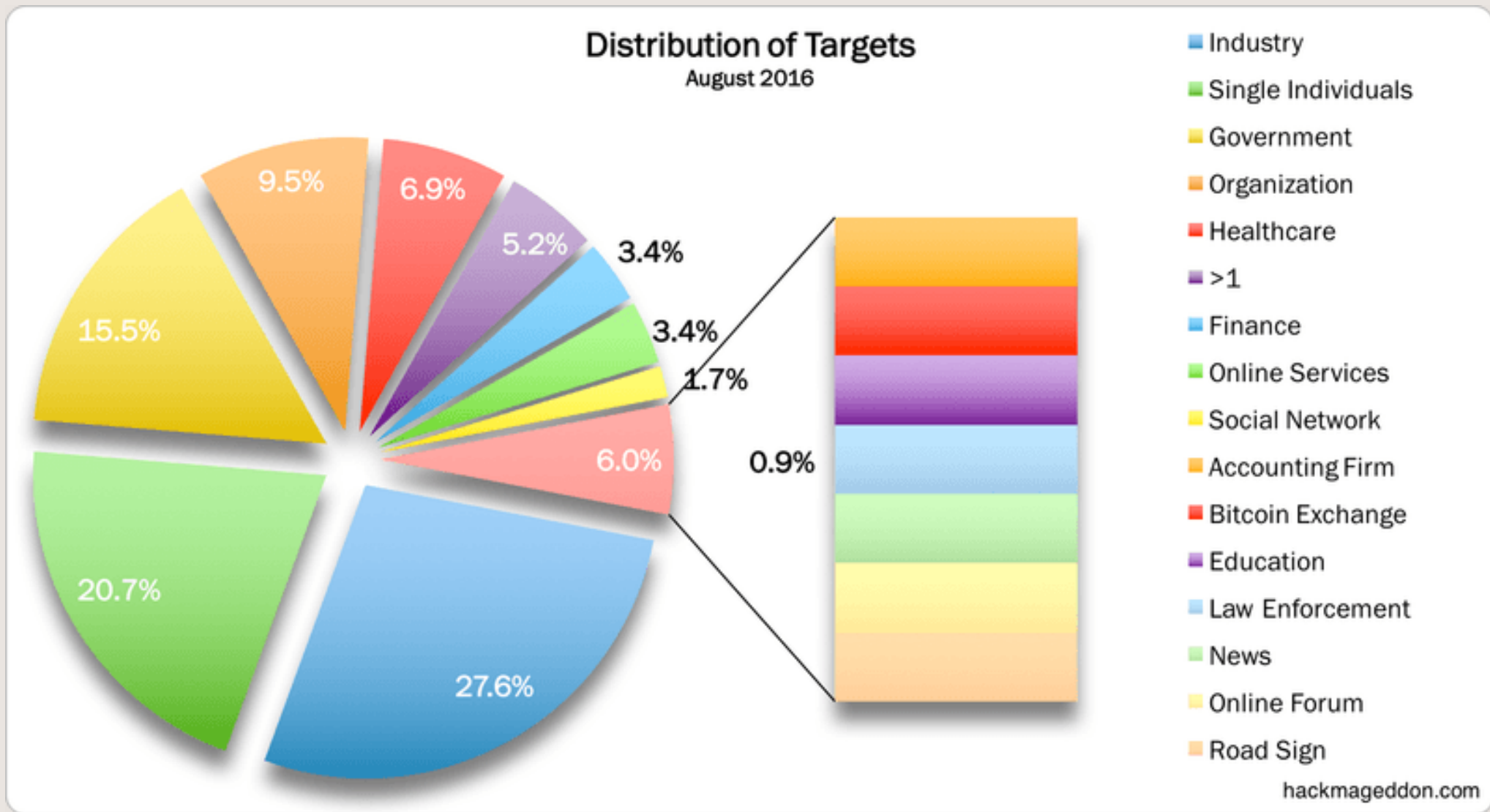


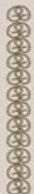
# Mikor történt mindez?





# Hol történt az esemény?





# Miért történt, ami történt?

## Price List for Hacker Goods and Services

### Credit Cards

	Price in 2013	Price in 2014	Recent Prices
Visa and MasterCard (U.S.)	\$4	\$4	\$7
Visa Classic and MasterCard (U.S.) with Track 1 and Track 2 Data	\$12	\$12	\$15
Visa Classic and MasterCard (Canada, Australia, and New Zealand) with Track 1 and Track 2 Data	\$19 – \$20	\$19 – \$20	\$25
Visa Classic and MasterCard Standard (EU) with Track 1 and 2 Data	\$28	\$28	\$40
Visa Classic and MasterCard Standard (U.K.) with Track 1 and Track 2 Data	\$19 – \$20	\$19 – \$20	\$40
Visa Classic and MasterCard Standard (Japan and Asia) with Track 1 and Track 2 Data	\$28	\$28	\$50
Premium Visa and MasterCard (U.S.) with Track 1 and Track 2 Data		\$23 (V); \$35 (MC)	\$30
Premium Visa and MasterCard (EU and U.K.) with Track 1 and 2 Data		\$23 (V); \$35 (MC)	\$50 – \$60
Premium Visa and MasterCard (Canada, Australia and New Zealand) with Track 1 and Track 2 Data		\$23 (V); \$35 (MC)	\$35 for V and MC
Premium Visa and MasterCard (Japan and Asia) with Track 1 and Track 2 Data		\$23 (V); \$35 (MC)	\$80 for V and MC
Premium American Express Card (U.S.) with Track 1 and Track 2 Data		\$23 (V); \$35 (MC)	\$30
Premium Discover Card (U.S.) with Track 1 and Track 2 Data		\$23 (V); \$35 (MC)	\$30
VBV (U.K., Australia, Canada, EU and Asia)	\$17 – \$25	\$28	\$25

### Hacking Email and Social Media Accounts

	Recent Prices
Popular U.S. Email Accounts (Gmail, Hotmail, Yahoo)	\$129
Popular Russian Email Accounts (Mail.ru, Yandex.ru, and Rambler.ru)	\$65 – \$103
Popular Ukrainian Email Accounts (Ukr.net)	\$129
Popular U.S. Social Media Accounts	\$129
Popular Russian Social Media Accounts (VK.ru and Ok.ru)	\$194
Corporate Email Accounts	\$500 per mailbox
IP address of Computer User	\$90

### Tools

	Price in 2013	Price in 2014	Recent Prices
Remote Access Trojans (RATs)	\$50 – \$250	\$20 – \$50	\$5 – \$10
Crypters	N/A	\$50 – \$150	\$80 – \$440
Angler Exploit Kit			\$100 – \$135

## Identities, Passports, Social Security Cards and Other Documents

	Price in 2013	Price in 2014	Recent Prices
US Fullz	\$25	\$30	\$15 – \$65
Fullz (Canada, U.K.)	\$30 – \$40	\$35 – \$45	\$20 (Canada) \$25 (U.K.)
U.K. Passport Scan			\$25
Physical Counterfeit Passports (non-U.S.)	N/A	\$200 – \$500	\$1,200 to \$3,000 (European)
Physical Counterfeit Passports (U.S.)			\$3,000 to \$10,000
Templates for U.S. Passports			\$100 – \$300
New Identity Package, including scans of Social Security Card, Driver's License and, matching utility bill		\$250; matching utility bill an additional \$100	\$90
Physical Counterfeit Social Security Cards		\$250 – \$400	\$140 – \$250
Scans of Counterfeit Driver's License			DL Scans \$14 – \$20 (U.S.) \$14 (U.K., CANADA)
Physical Counterfeit Driver's License (France)			\$238
Physical Counterfeit Driver's License (U.S., U.K., Germany, Israel, International Driver's Permit)		\$100 – \$150	\$173

### Online Accounts

	Recent Prices Price based on account balance
Popular U.S. Online "Business" Payment Account Credentials	Ranges from \$20 – 149
Transfer Funds from Popular Online Payment Account to Buyer's Account of Choice	\$750 cost \$226 \$1,500 cost \$377 \$1,520 cost \$385 \$2,290 cost \$573 \$2,999 cost \$750 \$3,799 cost \$950
Popular U.S. Online Payment Account Credentials	\$330 cost \$80 \$400 cost \$160 \$500 cost \$240 \$600 cost \$320 \$950 cost \$600

## Bank Accounts; Airline and Hotel Points

	Recent Prices
Bank Account Credentials	Price based on account balance
Bank accounts – ANZ (Australia)	\$18,000 cost \$4,750
Bank accounts – ANZ (Australia)	\$22,000 cost \$2,250
Bank accounts – ANZ (Australia)	\$62,567 cost \$3,800
Bank accounts with no balance listed – Turkey, Sweden, Norway, Romania, Bulgaria, Croatia,	\$400 (flat fee)
Bank accounts – (U.K.)	\$27,003 cost \$2,000
Bank account – (U.S.)	\$1,000 cost \$40
Bank account – (U.S.)	\$2,000 cost \$80
Bank account – (U.S.)	\$4,000 cost \$150
Bank account – (U.S.)	\$7,000 cost \$300
Bank account – (U.S.)	\$15,000 cost \$500
High Quality Bank Accounts with Verified, Large Balances of \$70,000 – \$150,000	6% of the balance of the account
Large U.S. Airline Points Accounts – varies based on amount	Price based on points in account 1,500,000 points cost \$450 300,000 cost \$90 200,000 cost \$60
Large Middle East Airline Points Accounts – varies based on amount	Price based on points in account 500,000 cost \$150 450,000 cost \$90 250,000 cost \$50
Large International Hotel Chain Points Account	Price based on points in account 1,000,000 points cost \$200 400,000 cost \$80 300,000 cost \$60 200,000 cost \$40 100,000 cost \$20 50,000 cost \$10

### Hacking Services

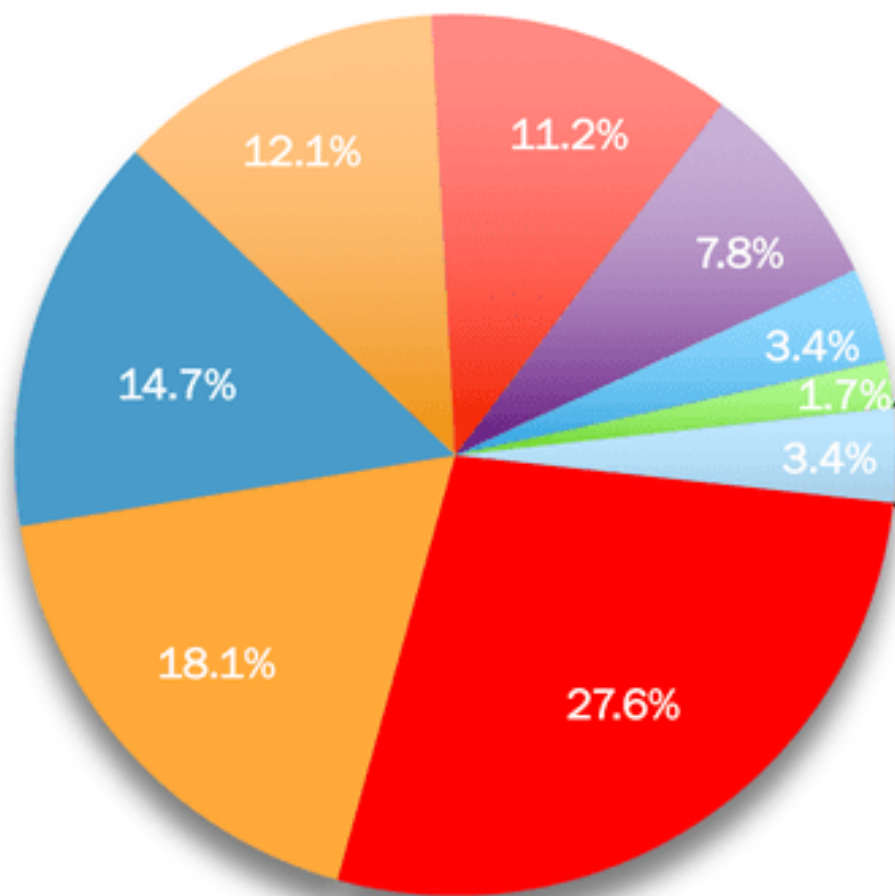
	Price in 2013	Price in 2014	Recent Prices
Hacking Tutorials	N/A	\$1 each to \$30 for 10 (depending on the tutorial)	\$20 to \$40 for multiple tutorials
Hacking Website (stealing data)	\$100 – \$300	\$100 – \$200	\$350
DDoS Attacks	Per Hour: \$3 – \$5 Per Day: \$90 – \$100 Per Week: \$400 – \$600	Per Hour: \$3 – \$5 Per Day: \$60 – \$90 Per Week: \$350 – \$600	Per hour: \$5 – \$10 Per Day: \$30-\$55 Per Week: \$200 – \$555
Doxing	\$25-\$100	\$25-\$100	\$19.99





# Hogyan történt?

Attack Vectors  
August 2016



0.9%



- Unknown
- Account Hijacking
- Targeted Attack
- Dos/DDoS
- Malware/POS Malware
- SQLi
- Defacement
- vBulletin Vulnerability
- DB Misconfiguration
- Malicious Script Injection
- Unspecified Bug
- Undisclosed Vulnerability



# Mi fog ezután történni?







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**KÖSZÖNÖM SZÉPEN!**

