

# Interesting Times





**Principal Security Consultant & CEO** 

**Principal Security Consultant** 

**Senior Information Security Architect** 

Team Leader | Information Security Architect Systems Integrator | Information Security Architect | Team Leader

**Thesis Worker | Software Developer** 



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Ask Cybergibbons! @cybergibbons

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"There is no security without a threat model, only paranoia"

#### I quite like that.

1:23 PM - 24 Jun 2018



What's your threat model? What are you trying to ...



How can I prevent my home security system from ... What's your threat model? What are you trying to protect against? There is no security without a threat model, only paranoïa. reddit.com



















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# Intelligence

## Known Knowns

Known Unknowns

Unknown Knowns

Unknown Unknowns





N THE MODERN AGE OF INFORMATION WARFAR



#### LITTLE BOBBY

#### by Robert M. Lee and Jeff Haas

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"thought to be one of the largest ever sustained global cyber espionage campaigns in an operation."













We will NOT be acquiring any new Apple iOS LPE, Safari RCE, or sandbox escapes for the next 2 to 3 months due to a high number of submissions related to these vectors.

Prices for iOS one-click chains (e.g. via Safari) without persistence will likely drop in the near future.

2:05 PM · May 13, 2020 · Twitter Web App

622 Retweets 392 Quote Tweets 1.1K Likes

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#### 1 Zerodium Retweeted

Chaouki Bekrar 🤣 @cBekrar - Sep 22



Fun fact: Apple iOS 14.x has more persistence 0days than iOS 12.x. As always: more features, more zero-days, more tears.

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Apple should just buy @Zerodium and finally make iOS as secure as it should be. Our current valuation is 1 billion dollars. PS: I accept cash or Apple shares.











#### CNN World



# How a hacked phone may have led killers to Khashoggi

By Oren Liebermann, CNN

() Updated 1415 GMT (2215 HKT) January 20, 2019















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### Law enforcement facing global surge in HEAD ransomware attacks and organized crime AN violence 16^ CONFERENCIA

8 July 2021

Home > News and Events > News > 2021 > Law enforcement facing global surge in ransomware attacks and organized crime violence

Worldwide crime pandemic requires coordinated policing response





# Holding the world to ransom: The top 5 most dangerous criminal organizations online right now

BY ROBERTO MUSOTTO, BRIANNA O'SHEA, PAUL HASKELL-DOWLAND | JUL 07, 2021



		Accept	Accept	Sent BTC (USD)					
Variant	Date	XMR (Y/N)	BTC (Y/N)	Exchange	DNM	Mixer	Other <sup>46</sup>	Total	
Variant 1	April 2019 - July 2021	Y	Y	~\$6.3 million	~\$826,000	~\$6.5 million	~\$32.3 million	~\$46 million	
Variant 2	December 2019 - present	N	Y	~\$66.1 million	~\$7.3 million	~\$4 million	~\$1 <mark>61</mark> million	~\$238.5 million	
Variant 3	August 2020 - May 2021	Y	Y	~\$14.3 million	~\$609,000	~\$6.5 million	~\$76.8 million	~\$98.2 million	
Variant 4	June 2020 - June 2021	N	Y	~\$4.9 million	~\$660,000	~\$1.6 million	~\$6.3 million	~\$13.5 million	
Variant 5	September 2019 - present	N	Y	~\$1.7 billion	~\$241.6 million	~\$9.7 million	~\$1.7 billion	\$3.6 billion	
Variant 6	July 2018 - present	N	Y	~\$604.4 million	~\$622,700	~\$2.2 million	~\$184.5 million	~\$791.7 million	
Variant 7	October 2019 - present	N	Ŷ	~\$3 million	~\$3,600	~\$2.3 million	~\$3.5 million	~\$8.8 million	
Variant 8	December 2019 - present	N	Y	~\$240 million	~\$740,000	~\$1 million	~\$64.3 million	~\$305.8 million	
Variant 9	November 2019 - present	N	Y	~\$519,000	~\$79,000	~\$9,900	~\$6.9 million	~\$7.5 million	
Variant 10	September 2019 - present	N	Y	~\$8.4 million	~\$76,300	~\$1.3 million	~\$11 million	~\$20.7 million	
Total				~\$2.6 billion	~\$252.5 million	~\$35.2 million	~\$2.3 billion	~\$5.2 billion	

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Handläggningen av vissa säkerhetsfrågor

SDU 1993:26 Betänkande av Utredningen angående vissa frågor om säkerheten vid utlandsmyndigheterna i f.d. Sovjetunionen





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Information can disorganise governance, delude adversaries and reduce an opponent's will to resist.





"The parallels between the US and the Philippines are striking."

**Check Duter:** von, that nachinery of pinion formation vent from a campaign strategy o a stateponsored one."



"To date, it was simply the fastest-propagating piece of malware we've ever seen"



"In June 2017, the Russian military launched the most destructive and costly cyberattack in history"

























































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