

A deep dive into the I-Soon leak

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I-Soon (Anxun)

- Founded in 2010
 - "APT pentest research department" in 2013
- CEO: Wu Haibo (吴海波)
- HQ in Shanghai
 - Chengdu (Sichuan) subsidiary in 2015 R&D, pentest
 - Yunnan subsidiary in 2017 "regional market work"
 - Jiangsu subsidiary in 2020 "regional market work"
- 72 employees in registration documents
 - ~ 100 at the time of the leaks
- "Become a solid national defense reserve force with a strong sense of political responsibility and a spirit of high responsibility to the Party and the People"

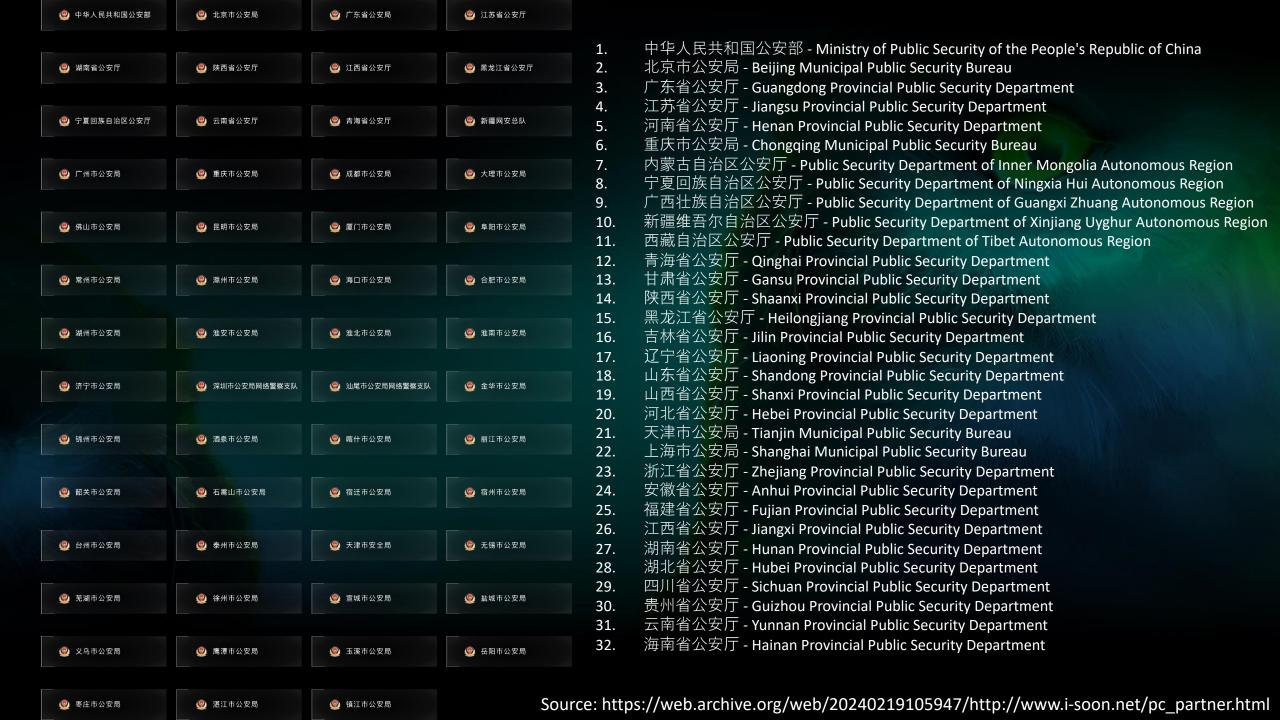


I-Soon (Anxun)

 Certified supplier for the Cyber Security and Defense Bureau of the MPS to "provide technologies, tools or equipment"

 Class II secrecy qualification for weapons and equipment research and production company

 59 patents, such as "an intelligent platform and its application in assisting criminal investigation", "special investigative warfare platform", etc.



Too many public contracts?

2022-06-13 07:53:29	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	Global proxy
2022-06-13 07:53:40	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	This is what we need to teach them
2022-06-13 07:53:50	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Generally, we sell here and also teach
2022-06-13 07:53:55	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	[Face covering] I want it
2022-06-13 07:54:01	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	I'm really drunk [laughing through tears]
2022-06-13 07:54:08	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	The public security customers are so stupid
2022-06-13 07:54:17	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Calm down
2022-06-13 07:54:19	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Haha
2022-06-13 07:54:21	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	I want to do a business that does not involve police this year
2022-06-13 07:54:23	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	So tired
2022-06-13 07:54:35	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	No fucking money for football
2022-06-13 07:55:08	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Normal
2022-06-13 07:55:13	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	You must deal with after-sales service
2022-06-13 07:55:22	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	[Face covering]

...including Trojan horses?

2021-11-23 08:27:17	lengmo	Shutd0wn	Jiangsu Provincial Department also wants to buy 3 🐞 this time, Windows, Linux and Android, any Android one will be fine. Depends on which house it is from.
2021-11-23 08:28:24		lengmo	We will definitely make a full version, supplemented by suppliers
2021-11-23 08:28:53		Shutd0wn	Hmm Then you need to organize a team to do it. It would be best if your own can meet the requirements. Gross profit is still higher.
2021-11-25 02:31:06		Shutd0wn	The Wuxi project just won the bid for 7988000
2021-11-25 02:32:06	Shutd0wn	lengmo	niubility
2021-11-25 02:32:25	lengmo	Shutd0wn	Do you know what is the most important thing?
2021-11-25 02:32:26	Shutd0wn	lengmo	There was no mistake or cancellation of the mark
2021-11-25 02:32:37	lengmo	Shutd0wn	I won the bid at the direct closing priceno quotation was made
2021-11-25 02:32:38	Shutd0wn	lengmo	What?
2021-11-25 02:32:43	lengmo	Shutd0wn	Directly announce that we won the bid
2021-11-25 02:33:03	lengmo	Shutd0wn	After demolition and review, we were announced as the winner
2021-11-25 02:33:20	lengmo	Shutd0wn	It shows that network security is still very strong
2021-11-25 02:33:44	Shutd0wn	lengmo	Well, regional differences, Jiangsu Internet security should be generally strong

Is the leak legitimate?

- "I-Soon and Chinese police are investigating how the files were leaked, the two I-Soon employees told The Associated Press."
- Links to previously known APT activities
- Is the data reliable?
 - Some key information may be missing
 - Possibility of targeted tampering
 - Commercial documentation may not be truthful to begin with

What is in the leak?

- Product documentation
- IM chats between employees
 - Including screenshots from mobile devices
- Raw hacked data
- Bids for public contracts
- Internal documents (pay scale, etc.)

No source code :(

Leak origin

- Data uploaded on GitHub on February 16, 2024
- Account: is00n@proton.me
- Another account created earlier, possibly related

pub ed25519 2023-09-25 [SC]

421EA93EC291A950BD33ECD504AC29C49FAAC430 uid isoon@proton.me <isoon@proton.me> sub cv25519 **2023-09-25** [E]

Competitor? Disgruntled employee? Foreign APT?





3 penetration teams, 1 security research team, 1 basic support team, a total of 70+ people



Cooperate with relevant departments

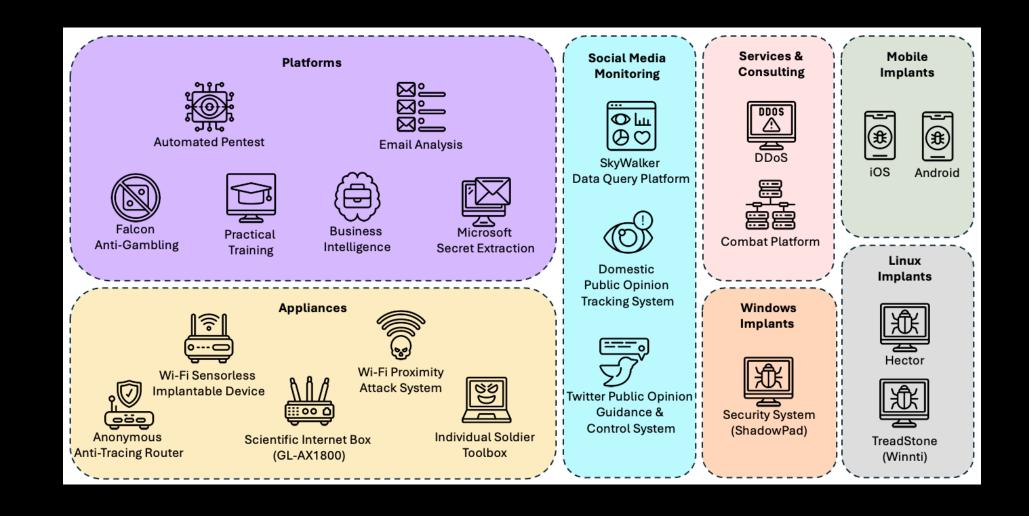
to complete multiple oversees APT projects



Math results area

Central Asta/West Asta/Southeast Asta/Hong Kong, Macao and Taiwan direction

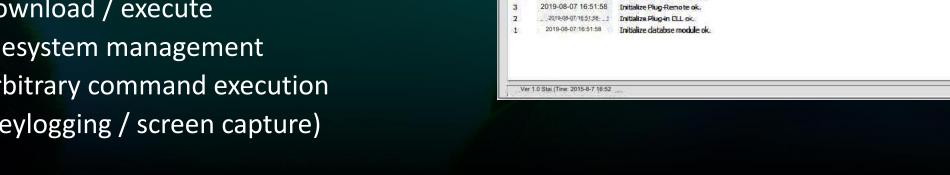
Overview



RATs

- Windows
- Linux
- Android & iOS (very limited info)

- Features
 - Download / execute
 - Filesystem management
 - Arbitrary command execution
 - (Keylogging / screen capture)



Hector

All Groups

File Edit View Help

Default[0/0]

Common Log File Transfer Host Summary Tunnel info

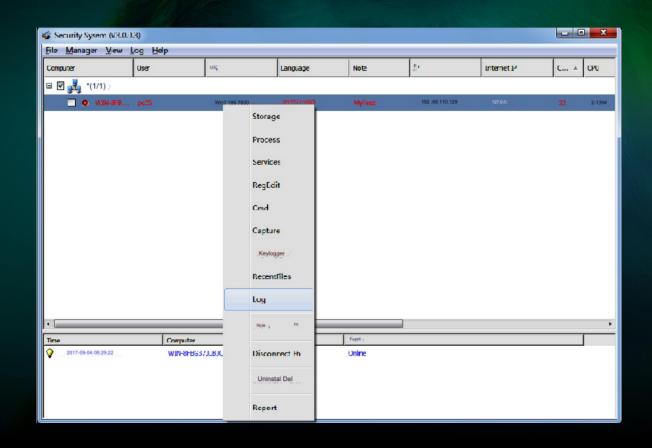
Host ID Host Name

Tags

Delivered with training + source code

RATs

- Specs for new malware families require more advanced features (proxy bypass, AV evasion, etc.)
- Conversations mention difficulties sourcing trojans for certain systems
- Cooperation / sharing in the ecosystem
- The customer can provide their own RAT for a discount(!?)



- Ruby framework with "modules" (exploits, "auxiliary", "encoders", "post"...)
- Attack steps:
 - Verify that the system is up (ping
 - Scan ports (connect() scan, SYN scan, NULL scan, Idle scan...)
 - Attempt exploitation
- Can be manipulated via API, CLI, web interface, etc.
- Integration with OpenVAS, Nessus, Acunetix, Burp Proxy, Core Impact, Nexpose...

- Automated webapp testing
 - Crawling
 - Automatic testing of top 10 OWASP vulnerabilities
- Mobile penetration testing
 - Online generation of Android payloads
 - iOS support advertised without any details
- Social engineering module
 - Generation of phishing emails
 - Website cloning

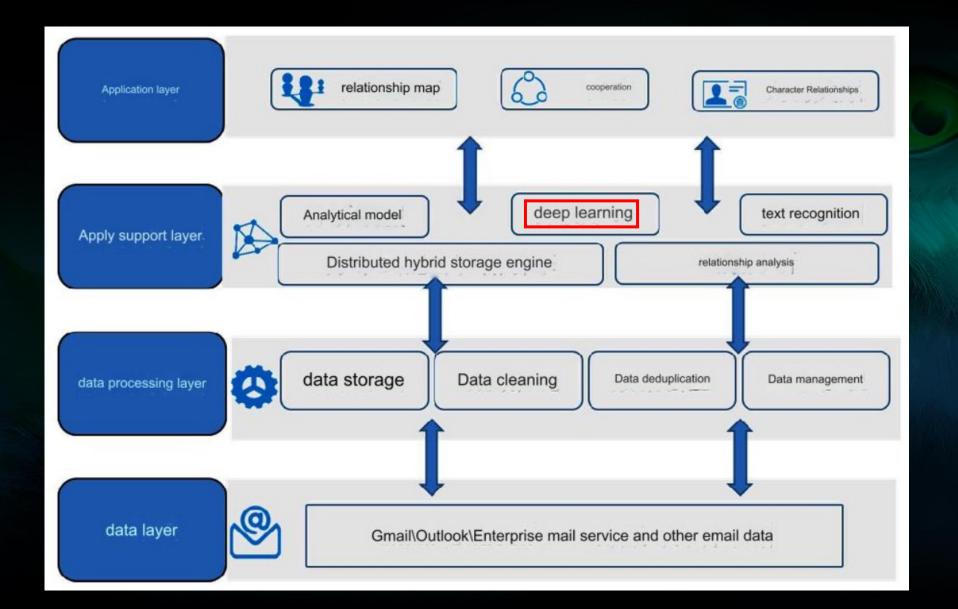
- Passwords
 - Credential verification
 - Bruteforcing
- Platform features
 - Multi-user with permission system
 - Logging of all actions
 - Report generation

- Assessment: single GUI built on top of existing tools?
 - Nmap: same supported scan modes
 - Metasploit Pro
 - Ruby
 - References to meterpreter, LHOST, LPORT...
 - "Built-in Metasploit professional version"
 - SET (Social Engineering Toolkit): similar features
 - Hydra: similar supported protocols
- Assessment: little added value over OSS tools
 - Marketed at organizations (i.e., military) where the average employee wouldn't be comfortable with Kali Linux

Many data analysis platforms

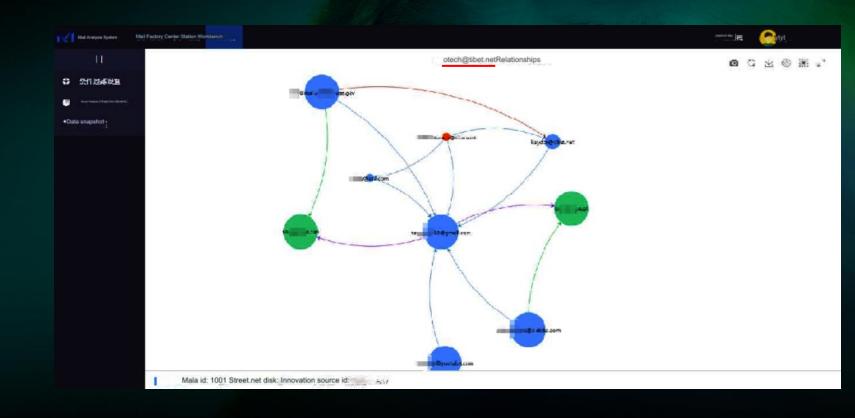
- Likely built from the same engine
 - Knowledge management
 - Data mining
 - Relationship extraction
 - Phishing integration
- Variants for each "market segment"
- SaaS or on-premise
- Data provided by the customer or by I-Soon

Product	Input data	
Email Analysis Platform	Emails, PSTs, etc.	
Microsoft Secret Extraction Platform	Outlook credentials (automated collection + phishing capabilities)	
Falcon Anti-Gambling Platform	Data obtained from gambling websites	
Anxun Integrated Data Platform	Stolen PII	
Anxun Cloud Intelligence Analysis & Decision-Making Platform	Stolen documents	
Xunzong Security Intelligence Platform	Data handled by intelligence services	
Twitter Public Opinion Guidance and Control System	Twitter credentials (automated collection + phishing capabilities)	
SkyWalker Data Query Platform	PII (LEA / domestic use)	
Domestic Public Opinion Tracking System	OSINT capabilities for local social networks	



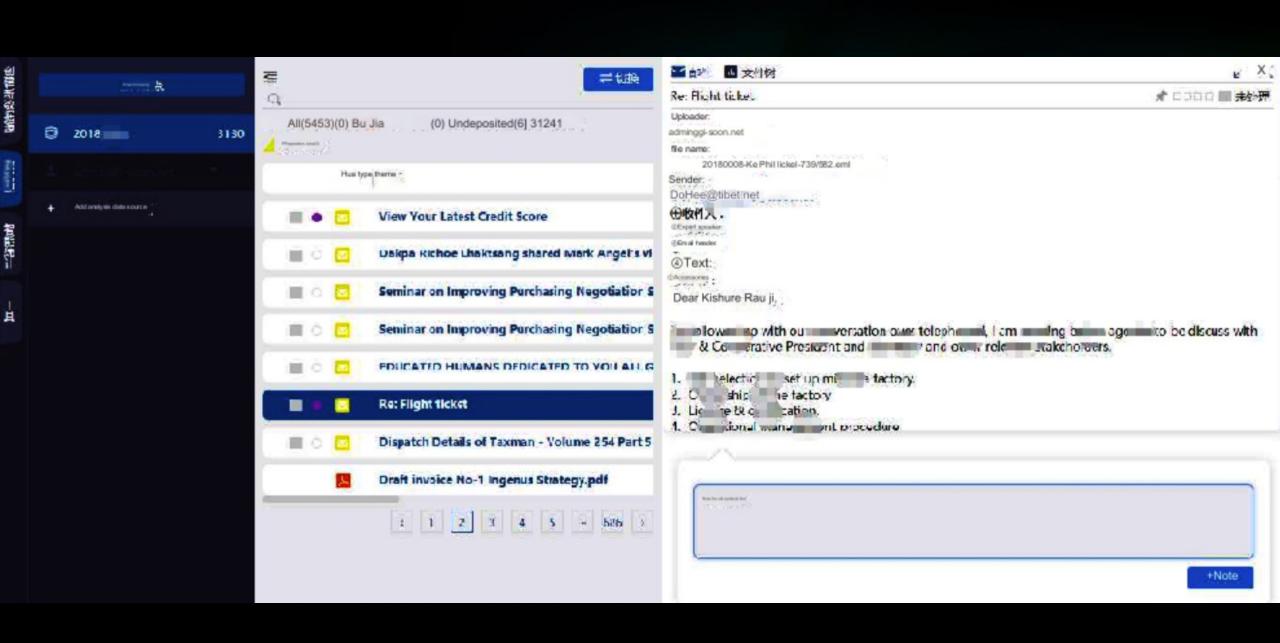
Email analysis platform

- Input: lots of emails
 - Automated collection feature
- Output:
 - Content matching keywords, "sensitive words"
 - Social graph
 - Fulltext search
- Knowledge management system
 - Tagging system
- SaaS or on-premise



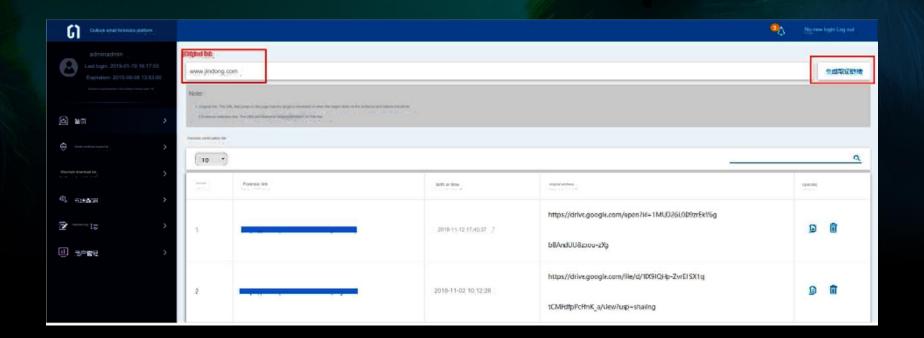
Deep learning

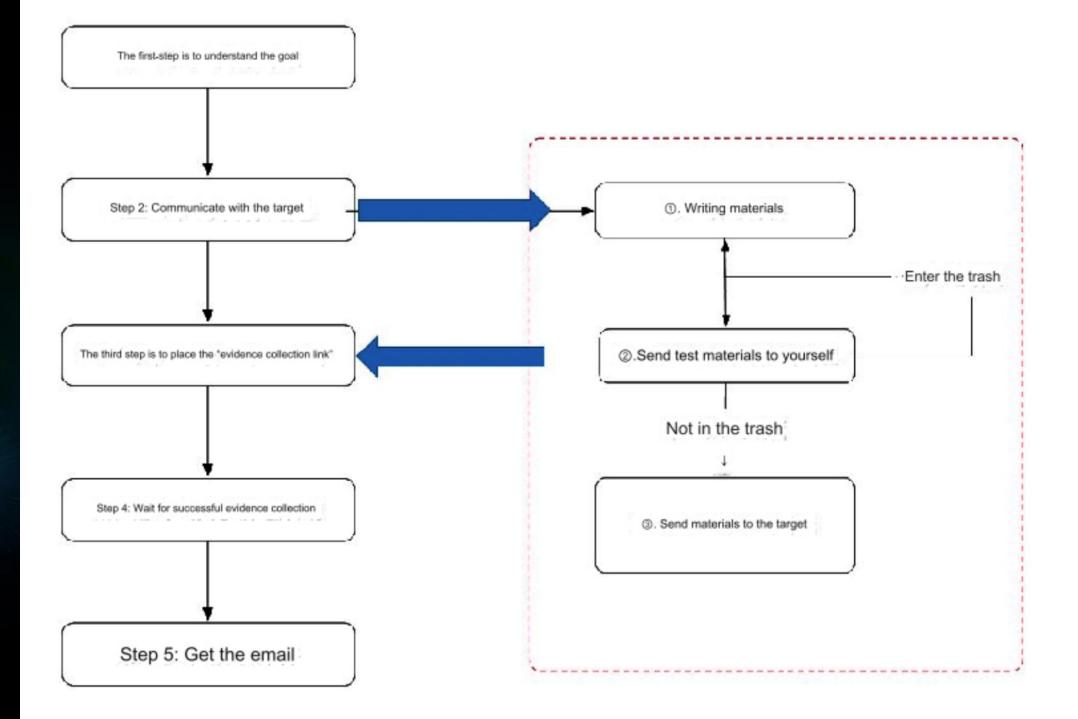
- Extraction and classification of email text
- "Relationship network mining"
 - Determines the nature of the relation (boss, coworker, friends?)
 - Based on who talks to whom, about whom?
 - Extracts PII?
 - Automated mapping between names and email addresses?
- Creation of a full listing of individuals
 - Name, age, gender, nationality, etc.



Microsoft Secret Extraction Platform

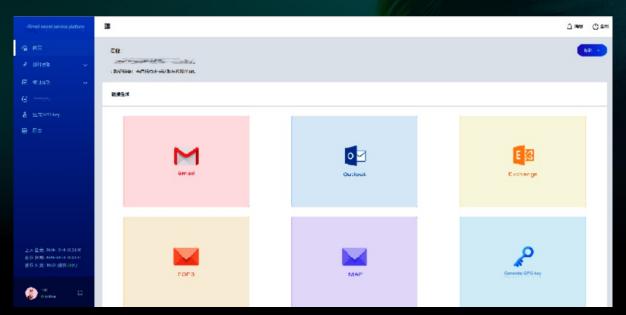
- Platform aimed at breaching Outlook accounts
- Automated generation of phishing emails
- Continuous siphoning of the victim's emails

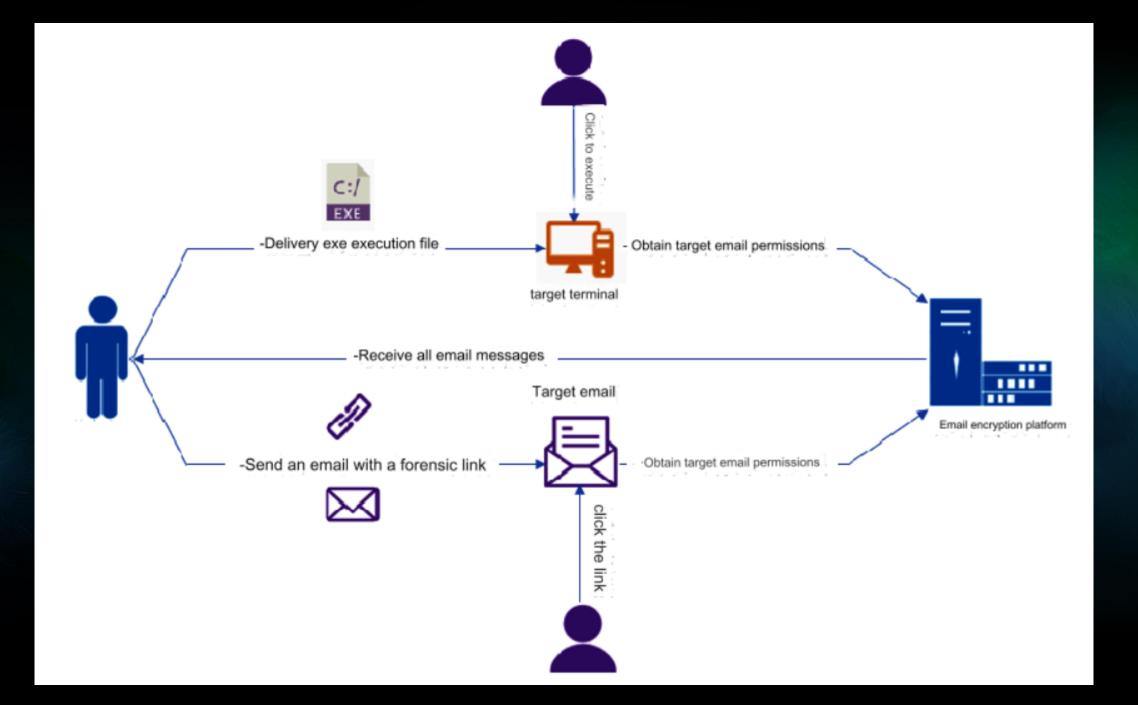




Email collection platform (2020)

- Appears to supersede the Microsoft Secret Extraction Platform (2022)
 - Possibly split in separate products for billing reasons
- Supports Outlook, Gmail, POP3 & IMAP.
- Bypasses 2FA, IP origin verification, etc.
- Identical system for Twitter.



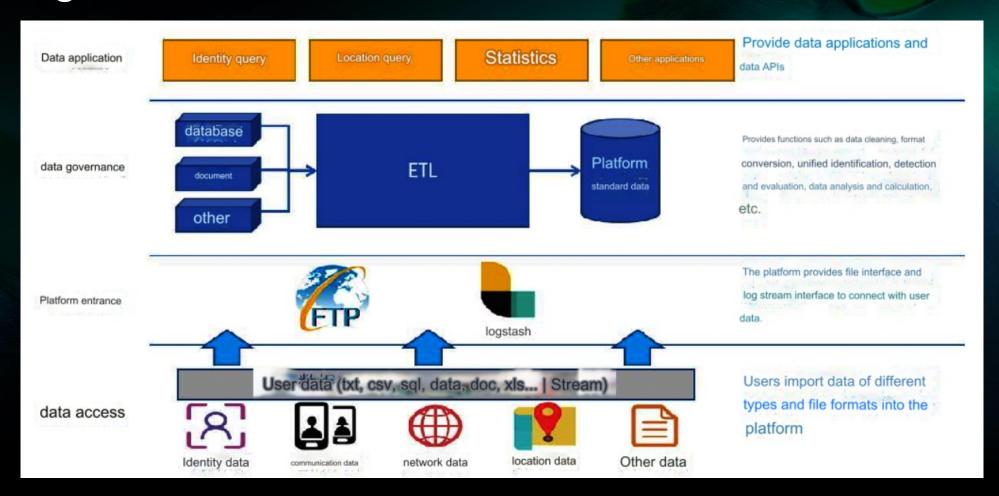


Falcon Anti-Gambling Platform

- Data-analysis/dataviz platform for "gambling data"
 - Account names, email addresses, passwords, mobile number, IP address...
 - Money flow analysis
 - Obtained via hacking? By I-Soon?
- Collaborative platform for investigators / analysts
- After manual review, individual cases are created
 - Forwarded to the "business department" to query bank records

2022-05-11 05:02:10	$wxid_7p054rmzkhqf21$	gzp1991101	Yeah
2022-05-11 05:58:58	$wxid_7p054rmzkhqf21$	gzp1991101	Play mahjong
2022-05-11 05:59:24	gzp1991101	wxid_7p054rmzkhqf21	I just lost 1300 yesterday [angry]
2022-05-11 05:59:36	$wxid_7p054rmzkhqf21$	gzp1991101	Let's lose some more today
2022-05-11 05:59:47	$wxid_7p054rmzkhqf21$	gzp1991101	The leader will take care of you

Anxun Integrated Data Platform / Anxun Cloud Intelligence Analysis & Decision-Making Platform / Xunzong Security Intelligence Platform



Practical Training Platform

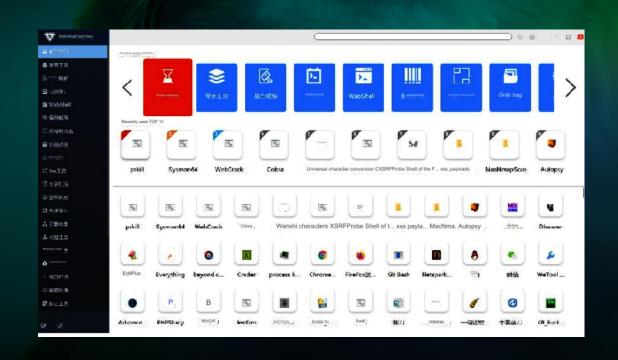
- Cyber range
 - Dynamic environment to simulate "real combat"
- "Based on our company's years of experience in APT penetration attacks"



Individual Soldier Toolbox

- Notebook pre-configured with security tools
- Windows-based, but all tools gathered in a single GUI





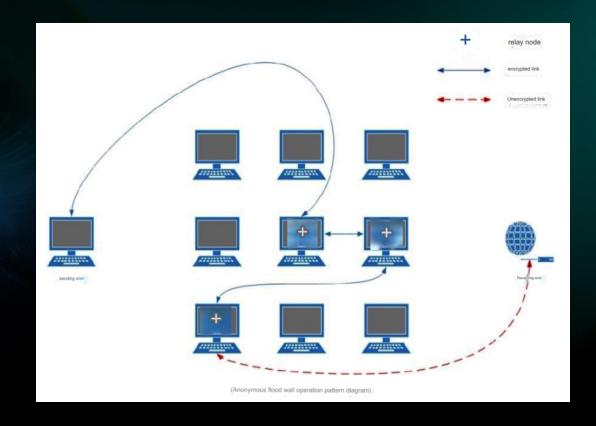
WiFi Proximity Attack System

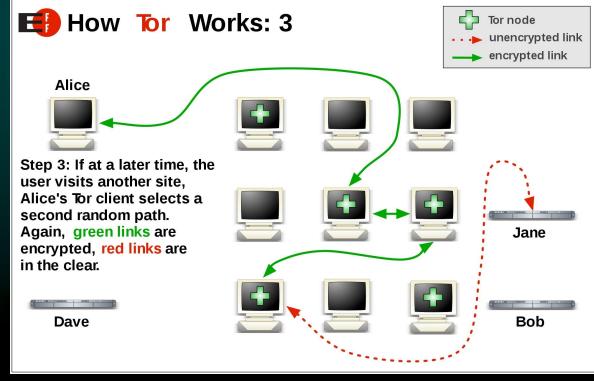
- Device disguised as a power adapter
- Automatic cracking of surrounding WiFi network keys
 - Cloud cracking over 5G for WPA/2
- SOCKS proxy into the victim network
- Credentials sniffing on the network
- Automated hacking of local routers
 - Weak passwords based on the brand?
- Remote wiping
- Other product: "WiFi terminal positioning equipment"



OPSEC: "Anonymous Anti-Tracing Wall"

- Anonymizing 4-port 100Mb router
- Free 1 year maintenance, then renewal is ~15k€





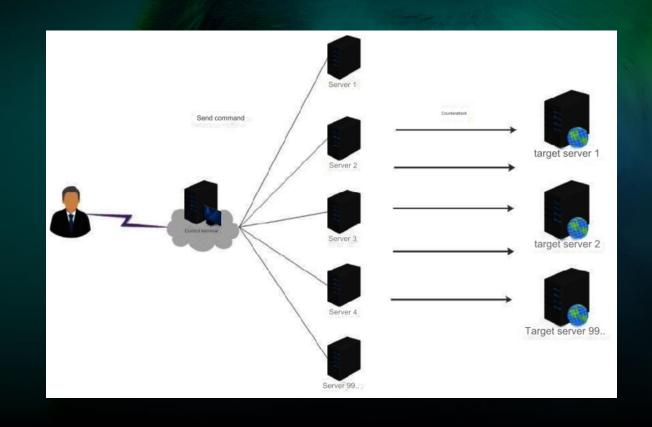
Scientific Internet Box

- WiFi Router for "scientific" research on foreign and domestic opinion
 - Bypasses the Great Firewall of China
- Seems to be derived from the GL-AX1800 router (GL-iNet)
- Routes traffic via "network nodes distributed around the world"
 - Servers located in HK (40), then Japan, USA and Singapore (18 each)



Network Traffic Countermeasures System

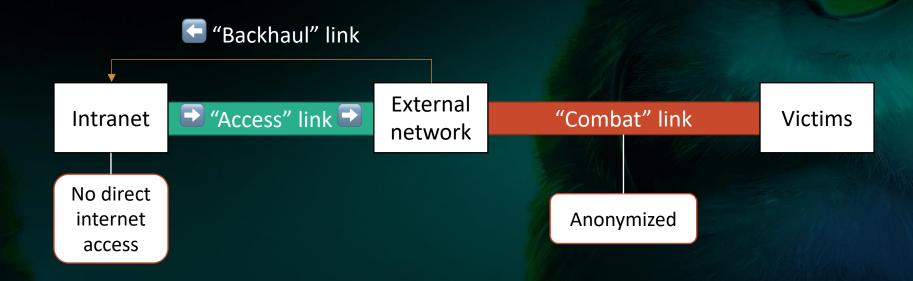
- DDoS as a Service
- "Active scanning" to acquire global traffic capabilities.
- Cluster management
- SYN, TCP, UDP, ACK, GET flooding and way more.
- Possibly based on masscan or Zmap



Integrated Combat Platform

- Attack infrastructure installation
- Network design
 - "Covert" link for attacks
 - "Scientific" link for web searches
 - Isolated network with one-way link to send stolen files in the intranet
- Operation management dashboard
 - User management, implant management (encryption + download logging), etc.
 - Review / scoring system for completed tasks, to evaluate performance
 - Internal BBS as a "TTP sharing" system
- VPS & VM management
 - VPS = C2 servers ("all IP addresses are overseas addresses")
 VMs = Operator machines
 - Provisioned from templates (!)
- Sandbox for malware analysis

Integrated Combat Platform / OPSEC

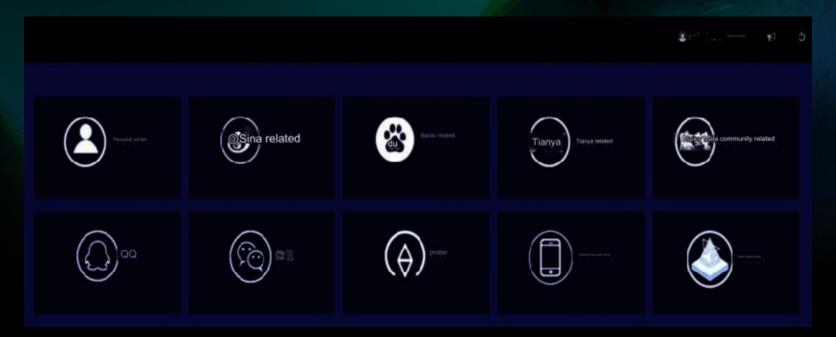


The fifth is security cover: Platform development, line rental, computer room rental and other businesses need to be handled using a cover identity to prevent

Stop being traced and located. The system, language, time zone, font, system environment, input method, etc. used by the external platform must all be in non-Chinese languages. all

Domestic Public Opinion Tracking System

- Queries registration information on Baidu, Sina, Tianya, etc.
 - Phone number, handle, email address, IP history...
 - Deanonymization of shared links
 - OSINT capabilities?



SkyWalker Data Query Platform

- Another platform, dedicated to PII
- Selectors: name, ID card number, address, etc.
- Reconstructs the target's online presence
- Source of the data unknown.
 - OSINT?
 - Front-end for the Domestic Public Opinion Tracking System?

Twitter Public Opinion Guidance and Control System

- Problem statement: "All around supervision of Twitter requires huge resources"
- Objectives:
 - Discovery of bad/illegal opinions
 - Keyword-based search, at account-level only
 - No global monitoring of Twitter
 - Document and counteract opinions overseas
- Similar to the Outlook e-mail extraction product
 - Phishing
 - 2FA & IP check bypass(?)
 - Automated extraction of account information (tweets, DMs, etc.)

Twitter Public Opinion Guidance and Control System

- Platform deployed on overseas VPS
- Ability to forward content into "evidence collection lists"
- Manipulation of stolen accounts to like, RT and post on specific content
 - Accounts can be grouped and controlled simultaneously for astroturfing
 - No mention of fake account management
 - What about stealth?
- The astroturfing feature doesn't seem well thought-out
 - Product created to answer customer requests, without a real vision?

Hints of Oday acquisition

2021-11-30

09:26:57

wxid_12n748um1thl21 wxid_zb45i0rc71yk21 You are so professional

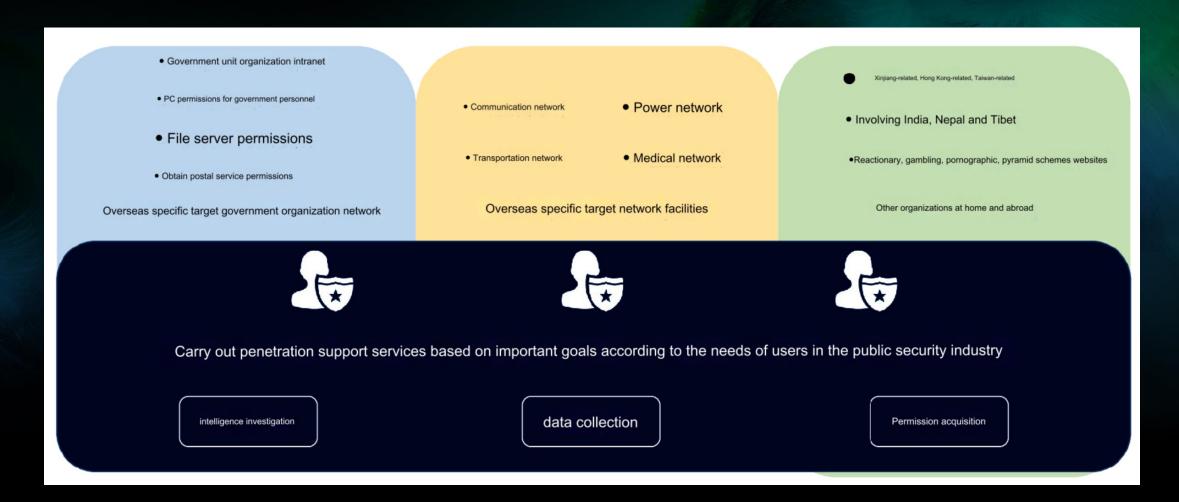
mikrotik's 0day, Gmail acquisition, is it related to ios?

```
2021-11-30
              wxid 12n748um1th121 wxid zb45i0rc71yk21 What is the affected firmware version of the Juniper race you gave me before?
09:16:37
2021-11-30
              wxid zb45i0rc71yk21 wxid 12n748um1th121 Which one?
09:18:30
2021-11-30
              wxid 12n748um1th121 wxid zb45i0rc71vk21 20211103-1.txt
09:20:24
2021-11-30 09
              wxid 12n748um1thl21 wxid zb45i0rc71vk21 3. juniper SRX firewall Name: juniper SRX firewall front desk unconditional RCE Affected versions: SRX300, SRX340, SRX345, SRX100, SRX110, SRX110H2, SRX210, SRX240, SRX240, SRX550, SRX650, etc.
:20:28
2021-11-30
              wxid 12n748um1th121 wxid zb45i0rc71yk21 Is this it
09:20 :36
2021-11-30
              wxid 12n748um1thl21 wxid zb45i0rc71yk21 Implement it
09:21:51
2021-11-30
              wxid zb45i0rc71yk21 wxid 12n748um1thl21 Isn't this a version?
09:24:23
2021-11-30
              wxid 12n748um1th121 wxid zb45i0rc71yk21 Have you got it yet?
09:25:02
2021-11-30
              wxid_12n748um1thl21 wxid_zb45i0rc71yk21 This 0day
09:25:10
2021-11-30
              wxid_zb45i0rc71yk21 wxid_12n748um1thl21 Should be there
09:25:46
2021-11-30
              wxid 12n748um1th121 wxid zb45i0rc71yk21 Should
09:26:33
2021-11-30
              wxid_12n748um1th121 wxid_zb45i0rc71yk21 !!!
09:26:36
2021-11-30
              wxid 12n748um1thl21 wxid zb45i0rc71yk21 Should TMD not be said in your mouth
09:26:51
```

Tianfu Cup Odays

01:53:17	Shutdown	lengmo	The 0DAY loopholes in the Tianfu Cup competition are said to have been given to the POC to the police. Can I get this?
2021-10-26 01:53: 49	lengmo	Shutd0wn	If not, I asked that day. The Ministry gave it to Jiangsu
2021-10-26 01:53:59	lengmo	Shutd0wn	Given every year
01:54:17	lengino	Shutd0wn	It is said that some loopholes are relatively useless
2021-10-26 01:54:37	lengmo	Shutd0wn	I can only see if there is any prefecture or city in the hall
2021-10-26 01:55:36	Shutd0wn	lengmo	It is said that the Ministry of Public Security obtained the POC, and it takes some effort to write it into EXP
2021-10-26 01:56:09	Shutd0wn	lengmo	For vulnerabilities like IOS, it is not easy to make EXP even if you know the POC
2021-10-26 01:56:13	lengmo	Shutd0wn	I talked about it during dinner that day
2021-10-26 01:56:18	lengmo	Shutd0wn	Let me ask
2021-10-26 01:56:54	lengmo	Shutd0wn	The provincial department seems to have given it to Wuxi
2021-10-26 01:57:07	lengmo	Shutd0wn	This was mentioned in our training that day
2021-10-26 01:57:24	Shutd0wn	lengmo	Well, please pay attention, we will ask for a copy when they spread.
2021-10-26 01:57:31	Shutd0wn	lengmo	It will be nothing if it spreads
2021-10-26 01:57:57	lengmo	Shutd0wn	Well, okay €

• 71 entities (government, energy, universities, airlines, telcos, ...)



国家区域	目标类型	目标名称	域名	样本数据量	数据类型	样本日期	权限说明	权限组	备注
			<u> </u>				一组	40	
巴基斯坦 哈萨克斯坦	运营商 运营商	Zong Kcell通讯公司	kcell.kz	820GB	话单、用户表	2019 - 2021	权限 内网全控,文件服务器,杀毒服务器,等等,可提供话单实时查询,用户资料查询。	一组 一组	
			RCG1.R2	82008	编件·//// 48	2019 - 2021			
吉尔吉斯斯坦	运营商	megacom					在做	-組	
马来西亚	政府	工程部	kkr.gov.my	288MB	邮件	2021.12.20	权限情况不明	一组	marian@kkr.gov.my
马来西亚	政府	内政部	moha.gov.my	6.85GB	邮件	2021.04 - 2021.12		-組	有该目标权限·有部分目标的文件样本
马来西亚 蒙古	政府	外交部警察局	kin.gov.my	6.59GB 539MB	PC文件、邮件 PC文件	2021.01 - 2021.12	邮件权限、内网权限 邮件权限、内网权限	一组 一组	有该目标权限・有部分目标的文件样本
蒙古	政府	外交部	mfa.gov.mn	2.37GB	邮件	2021.04	邮件权限、内网权限	-組	
尼泊尔	政府						在做	一组	
台湾	医疗	台大医院	ntuh.gov.tw				病人比例数据	一组	
泰国	运营商	CAT ELEMENT TO THE TATAL	a black course	421KB	数据表	2020	収限 邮件	-組 -組	
土耳其 印度	科技 医疗	科学技术研究理事会 阿波罗医院	tubitak.gov.tr apollohospitals.com	421KB	数据数	2020	在做	組	
印度	政府	印度出入境	UCF	95.2GB	数据表	2020	查询印度的出入境信息	-組	样本为非印度、印度国籍人员的出入境乘机信息·主要字段:姓名、航班号、Visa号码、出入境时间等
							二组		
巴基斯坦	政府	旁遮普省反恐中心邮服数据		1.43GB	邮件	2021.05 - 2022.01	邮服权限	二组	
哈萨克斯坦	运营商	Beeline通讯公司	beeline.kz	637GB	话单、用户表	2019 - 2020	内网在控、活单数据可查・由于内网监控设备太多・不可大量查询数据・定位数据还在查找・	二组	
哈萨克斯坦	运营商	Tele2通讯公司	tele2.kz	1.09TB	话单、用户表	2019 - 2020	内网全控、文件服务器・杀毒服务器・等等・提供活单实时查询・定位・用户资料查询・	二组	
哈萨克斯坦 哈萨克斯坦	运营商 政府	Telecom固适运营商	telecom.kz	257GB 1.92GB	话单、用户表 用户表	2021.05 2019.12	内网全控,此运营商为固适运营商、还提供虚拟主机、视频监控等服务。 内网全控,用户数据可查姓名、证件、她址、电话号码。	二组 二组	样本主要字段:姓名、邮箱、地址、手机号、登录信息等 样本主要字段:姓名、电话、地址等
马来西亚	政府 运营商	养老金 DIGI通讯公司	enpf.kz	1.92GB 89.5GB	话单、基站表	2019.12	内网生控。用广政器可复处看、证件、形址、电临专的。	二组	主要字段:通话ID、所在经纬度等
台湾	教育	因桌教育基金会		1.23GB	用户表	2020.06	内网全控	三組	工艺工程、超相比、所证红印度号
泰国	运营商	Ais通讯公司	www.ais.co.th	17.7GB	数据表	2020.06	内网基本全控	二组	样本主要字段:航班信息、航空路线等
泰国	政府	外交部	mfa.go.th	3.33GB	邮件	2021.05 - 2021.09	邮服权限	二组	
泰国	政府	国家情报局	nia.go.th	326MB	邮件	2022.01	邮服权限·具体情况不明	二组	
							三组		
埃及 法国	政府 教育	政府网	gov.eg	286MB 723MB	文件、邮件	2021.04	部分政府部门的邮服和网站 具体权限督不清楚· 需询问	三组	数据样本包含埃及国家行政学院部分目标部件与pc文件
東埔寨	政府	巴黎政治学院 经济部	sciencespo.fr fmis.mef.gov.kh	723WIB	大竹、即相	2011.01-2021.04	域内机器上百. 赤公园	三组	jeanlouis.rocca、vincent.fertey 邮箱数据
卢旺达	政府	调查局	w.din				域内点了三台,域内机器上百	三组	
卢旺达	政府	卫生部	moh.gav.rw				内网控了三台、域内百来台机器、办公网	三组	
马来西亚	政府	军网	mindef.my				邮服权限	三组	马来国防部·陆军·海军
蒙古 蒙古	运营商 运营商	skytel天空通讯 蒙古电信	skytel.mn mtcone.mm				办公网权限 办公网权限	三组	蒙古第二大运营商 蒙古国有运营商
蒙古	政府	公安部	police.gov.mn				办公网权限	三组	外山西洋港 口时
尼泊尔	运营商	尼泊尔电信	ntc.net.np	2.26GB	数据表	2021.05	办公网权限、核心网权限	三组	尼泊尔最大运营商
尼日利亚	政府	政府网	gov.ng	1.3GB	邮件	2021.05	全国政府部门的邮服和网站	三组	
台湾	教育	台湾大学应用力学研究所 淡江大学	mail.iam.ntu.edu.tw		邮件	2022.01	内网权限已掉·有hash密码和webshell 邮服权限	三组	
泰国	政府	財政部	tku.edu.tw mof.go.th	6.9GB	mp p+	2022.01	办公園校眼	三組	
泰国	政府	参议院	senate.go.th	144MB	邮件	2021.12.31	邮服权限	三组	
泰国	政府	国内贸易部	dit.go.th				主站权限・办公网权限・邮服权限	三組	
泰国	政府	国务委员会办公室	mail.krisdika.go.th				域内两台机器权限	三组	
泰国	政府	内政部 商务部	moi.go.th				部分服务器权限 · 邮服权限 主站权限 · 郎服权限	三组	
香港	教育	香港东华学院	moc.go.th twc.edu.hk				主站权限・办公网权限・邮服权限	三組	
香港	教育	香港教育大学	eduhk.hk	3.23GB	数据表		主站权限、办公网权限、邮报权限	三组	样本为多目标邮箱数据·文件均为脱机Outlook数据文件
香港	教育	香港科技大学	ust.hk	2.48GB	文件、邮件	2021	部分院系PC权限	三组	
香港	教育	香港树仁大学	hksyu.edu	643MB	数据表、邮件		主站权限・办公网权限・邮服权限	三组	样本为多目标邮箱数据·目标有:高級行政助理李家銘、校长胡怀中、中國聯絡處處長歐榮光 样本主要字段:姓名、院系等信息
香港	教育	香港中文大学 駅工盟	cuhk.edu.hk hkctu.org.hk	2.95MB 972KB	数据表 数据表、文件	2019.12 2020 - 2021	部分院系PC权限 该组织所有成员个人信息800左右,部分办公网权限·文服权限	三组	
香港	政府	考评局	hkeaa.edu.hk	270KB	用户表	2021.04	全部的污渍及是一人情态 300年 4月,即为疗法内状态。关键或成员 主结权限。办公网权限、办公网内PC大概900+,人员1000+,有所有考生的个人资料以及该机构内部部服、文服	三组	香港负责中高考以及其他等级考试的机构、样本主要字段:姓名、邮箱、地址等
香港	政府	香港食环署	fehd.gov.hk				外公网权限	三组	
	政府	外交部	kemlu.go.id	240MB	邮件	2021.11	办公网权限·邮服权限	三组	
越南	政府	最高人民法院	mail.toaan.gov.vn				办公网权限、城内机器上千台	三组	
	-								
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Victims (not exhaustive)

- Document: cooperation proposal with Bazhou (Xinjiang) Province Security Bureau
 - "Based on our company's APT work for more than ten years, we have controlled various types of server permissions and intranet permissions in multiple countries."
 - Pakistan
 - Punjab Anti-Terrorism Center
 - Pakistani government postal service
 - Punjab Police Postal Service
 - Perouz Police Station Post Service
 - Zong (mobile operator)
 - Afghanistan
 - National Security Council intranet
 - Postal service
 - Southeast Asia Anti-Terrorism Center postal service
 - Kyrgyzstan
 - Diplomatic Oil Service, National Security Council Oil Service
 - Megacom

- Malaysia
 - Ministry of Foreign Affairs and Interior
 - Military Network
- Thailand
 - Prime Minister's Office
 - National Intelligence Agency
 - Ministries of Finance and Commerce, Digital Economy and Safety, Defense
 - Armed Forces Preparatory School & Thai Army HQ, Communications
 - Navy & Railway
 - Thailand Royal Government Development Agency ("can be used to supply chain")
- Mongolia
 - Ministry of Foreign Affairs and Police
 - Mongolia Telecom & Skytel
- Taiwan
 - National Taxation Bureau of Taipei
 - Ministry of Foreign Affairs

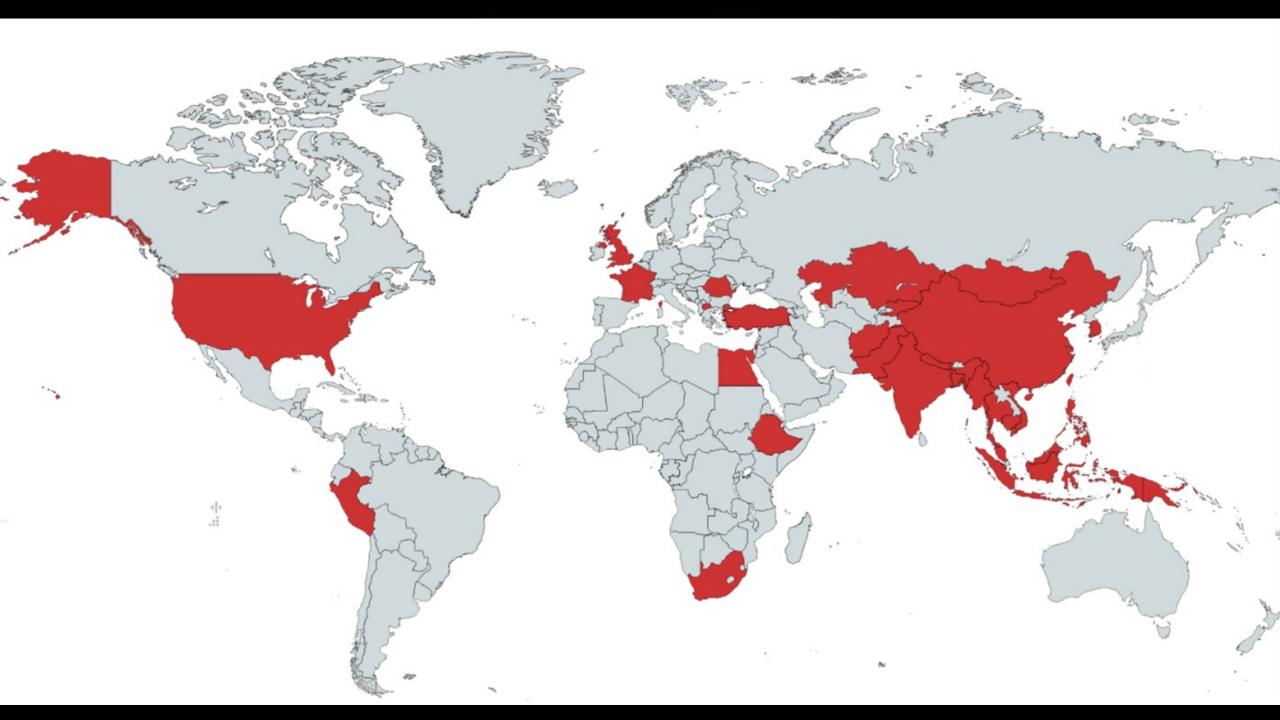
- Kazakhstan
 - Kcell and Beeline (mobile operators)
 - RDP access to "Defense Mail Service"
- India
 - Ministries of Foreign & Home Affairs, Defense, Finance
 - Apollo Hospital
- Nepal
 - Presidential Palace
 - National Defense
 - Foreign Affairs
- Domestic
 - Gambling websites
 - Uyghur minority

- Vietnam
 - Unspecified telecom operator
 - Chiang Mai University
 - Academy of Social Sciences
- Myanmar
 - Myanmar Post and Telecommunications
- South Korea
 - Sejong Research Institute Cultural Services
- Philippines
 - Navy Postal Service

Victims (or targets?)

- United Kingdom
 - Home office
 - Ministry of Foreign Affairs (already taken by another contractor)
 - British treasury
 - Department for Business, Energy and Industrial Strategy; Environment, Food and Rural Affairs; Health and Social Care
 - UK National Crime Agency
 - Center for Foreign Policy Studies
 - Chatham House
- USA
 - Center for Foreign Policy Studies
- France
 - Sciences Po
- NGOs
 - Human Rights Watch
 - Amnesty International
 - RAND Institute Europe

- Macedonia
 - Secretariat of European Affairs
- Airlines (PNR)
 - AirAstana Airlines Company
 - Air Macau
 - Vietnam Airlines
- New regions in 2022:
 - Afghanistan
 - Syria
 - Uzbekistan
 - Iran



CDR extraction from telcos

CALL_TYPE_ID A_NUMBER	B_NUMBER	CALL_DATE	DURATION RATE_DATE	IMEI	SERVED_LOCATION	CELL_ID	TARIFF_ID	UPLINK	DOWNLINK	BRAND_ID SER	VED_ZONE_ID [DESTINATION_ID
77 77010155050	87782835050	2020-04-01 20:06:42	55 2020-04-01 20:07:36			6345	817	0	0	2	476	50079
416 77010155050	internet	2020-04-01 10:13:03			LAC_40102 13252 138595962	183779	817	0	131703516	2	1	34946
416 77010155050	internet	2020-04-01 09:07:05			LAC_40102 13252 138572156	158997	817	0	41892	2	1	34946
416 77010155050	internet	2020-04-01 08:57:08	0 2020-04-01 09:59:21	35484409231712	LAC_40102 13252 138572156	158997	817	0	385043	2	1	34946
416 77010155050	internet	2020-04-01 03:07:04	0 2020-04-01 09:07:04	35484409231712	LAC_40102 13252 138595962	183779	817	0	295618	2	1	34946
416 77010155050	internet	2020-04-01 08:57:08	0 2020-04-01 09:59:21	35484409231712	LAC_40102-13252-138572156	158997	817	0	1471315	2	1	34946
416 77010155050	internet	2020-04-01 10:04:21	0 2020-04-02 03:24:56	35484409231712	LAC_40102 13252 138595962	183779	817	0	135070013	2	1	34946
77 77010155050	87787949194	2020-04-01 20:41:47	27 2020-04-01 20:42:14			6345	817	0	0	2	476	50079
416 77010155050	internet	2020-04-01 04:57:08	0 2020-04-01 08:57:08	35484409231712	LAC_40102-13252-138595962	183779	817	0	2566838	2	1	34946
416 77010155050	internet	2020-04-01 10:13:05	0 2020-04-02 03:24:56	35484409231712	LAC_40102-13252-138595962	183779	817	0	264006124	2	1	34946
77 77010155050	87782835050	2020-04-01 20:12:59	31 2020-04-01 20:13:29	35484409231712	LAC_77010004212	6345	817	0	0	2	476	50079
182 77010155050	internet	2020-04-01 01:06:34	0 2020-04-01 09:11:44	35484409231712	LAC_40102-13252-65535	-99	817	0	247013646	2	1	34946
416 77010155050	internet	2020-04-01 09:59:26	0 2020-04-02 03:24:56	35484409231712	LAC_40102-13252-138595962	183779	817	0	46431690	2	1	34946
416 77010155050	internet	2020-04-01 04:57:08	0 2020-04-01 08:57:08	35484409231712	LAC_40102-13252-138595962	183779	817	0	2573013	2	1	34946
192 77010155050	77023905414	2020-04-01 14:05:28	40 2020-04-01 14:08:25	35484409231712	LAC_77010004203	100658	817	0	0	2	396	3681
103 77010155050		2020-04-01 00:00:00	0 2020-04-01 00:07:44			-101	817	0	0	2	-101	-101
416 77010155050	internet	2020-04-01 17:34:57			LAC_40102-13252-138595962	183779	817	0	35351188	2	1	34946
416 77010155050	internet	2020-04-02 09:59:33	0 2020-04-03 04:02:04	35484409231712	LAC_40102-13252-138595962	183779	817	0	2777178	2	1	34946
416 77010155050	internet	2020-04-02 08:50:18	0 2020-04-02 09:59:26	35484409231712	LAC_40102-13251-138656622	143511	817	0	15286	2	1	34946
192 77010155050	77010495050	2020-04-02 15:55:25	53 2020-04-02 15:59:22	35484409231712	LAC_77010004203	186067	817	0	0	2	396	3404
192 77010155050	77023905414	2020-04-02 20:04:07	36 2020-04-02 20:08:21	35484409231712	LAC_77010004203	186067	817	0	0	2	396	3681
192 77010155050	77023905414	2020-04-02 17:15:28	68 2020-04-02 17:19:10	35484409231712	LAC_77010004203	6345	817	0	0	2	396	3681
416 77010155050	internet	2020-04-02 08:50:18	0 2020-04-02 09:59:26	35484409231712	LAC_40102-13251-138656622	143511	817	0	60973	2	1	34946
416 77010155050	internet	2020-04-02 08:50:18	0 2020-04-02 09:59:26	35484409231712	LAC_40102-13251-138656622	143511	817	0	661446	2	1	34946
77 77010155050	77022710784	2020-04-02 12:58:36	724 2020-04-02 13:10:39		_	124175	817	0	0	2	476	3681
127 77010155050	internet	2020-04-02 03:24:56	0 2020-04-02 08:50:17	35484409231712	LAC_40102-13252-6322	186067	817	0	30851	2	1	34946
416 77010155050	internet	2020-04-02 08:50:18	0 2020-04-02 09:59:26	35484409231712	LAC_40102-13251-138656622	143511	817	0	65915	2	1	34946
127 77010155050	internet	2020-04-02 03:24:56	0 2020-04-02 08:50:17			186067	817	0	12629	2	1	34946
416 77010155050	internet	2020-04-02 10:14:24	0 2020-04-03 04:02:04	35484409231712	LAC_40102-13252-138595962	183779	817	0	9657272	2	1	34946
192 77010155050	77023905414	2020-04-02 20:53:43	24 2020-04-02 21:00:16	35484409231712	LAC_77010004203	124526	817	0	0	2	396	3681
103 77010155050		2020-04-02 00:00:00	0 2020-04-02 00:07:38			-101	817	0	0	2	-101	-101
416 77010155050	internet	2020-04-03 20:18:26			LAC_40102-13253-138580848	142997	817	0	2850006	2	1	34946
416 77010155050	internet	2020-04-03 19:20:27	0 2020-04-04 03:27:23	35484409231712	LAC_40102-13253-138580848	142997	817	0	109355	2	1	34946
182 77010155050	internet	2020-04-03 10:00:55	0 2020-04-03 10:52:51	35484409231712	LAC_40102-13252-4074	124211	817	0	1437	2	1	34946
416 77010155050	internet	2020-04-03 11:55:29			LAC_40102-13253-138580848	142997	817	0	1111728	2	1	34946
192 77010155050	77017007999	2020-04-03 10:52:41	108 2020-04-03 10:57:17			124211	817	0	0	2	396	3404
192 77010155050	77010495050	2020-04-03 10:38:54	64 2020-04-03 10:44:22	35484409231712	LAC_77010004203	186067	817	0	0	2	396	3404
416 77010155050	internet	2020-04-03 10:54:14	0 2020-04-04 03:27:23	35484409231712	LAC_40102-13253-138580848	142997	817	0	69663580	2	1	34946
416 77010155050	internet	2020-04-03 10:58:35			LAC_40102-13253-138580848	142997	817	0	33830926	2	1	34946
77 77010155050	77710100009	2020-04-03 22:03:44	29 2020-04-03 22:04:13	35484409231712	LAC_77010004212	124436	817	0	0	2	476	34631
182 77010155050	internet	2020-04-03 10:01:11	0 2020-04-03 10:52:51	35484409231712	LAC_40102-13252-4074	124211	817	0	24938	2	1	34946

BTS listing

158997 ERICSSON	ERBS_41297_USHILYAEV2_KB	541297-124	Г.Шымкент	13252	138572156	Южно-Ка: Шымкент Шымкент	511010000		2 South
124436 ERICSSON	41286MEGAIND	2MEGA7	Г.Шымкент	13251	12867	Южно-Ка: Шымкент Шымкент	511010000 69.5961	42.31909972	2 South
124211 ERICSSON	41297USHILYAEV2	EB2974	Г.Шымкент	13252	4074	Южно-Ка: Шымкент Шымкент	511010000 69.610105	42.318360	2 South
53048 ERICSSON	42502MADANIKCTW	5MADAN1	С.Мадани	17255	5021	-99 Южно-Ка:Толебийс Шымкент	515845100 70.07127778	42.33530556	2 South
6141 ERICSSON	41126SHKOKTEM	2KOKTE2	Г.Шымкент	13252	1192	31 Южно-Ка: Шымкент Шымкент	511010000 69.63764889	42.33018778	2 South
101639 ERICSSON	41162BCASTANA	2UKUNA2	Г.Шымкент	13252	1292	Южно-Ка: Шымкент Шымкент	511010000 69.602358	42.334356	2 South
10698 ERICSSON	41010AUEZOVUNIV	2SAUEZ2	Г.Шымкент	13252	222	31 Южно-Ка: Шымкент Шымкент	511010000 69.59966389	42.33180167	2 South
142816 ERICSSON	ERBS_41627_SHM_Sapar_BK	541627-102	Г.Шымкент	13251	138656614	Южно-Ка: Шымкент Шымкент	511010000 69.599161	42.322222	2 South
142211 ERICSSON	ERBS_45070_KZTOKTYBA_KB	L8_KZL_45070KZTOKTYBA-30	Г.Кызылорда	11001	139537950	Кызылор, Кызылор, Кызылор,	431010000 65.486176	44.841192	2 South
142480 ERICSSON	ERBS_00913_ALM_Business_BK	L18_ALM_business-12	Г.Алматы	30012	128233740	Алматы Г. Алматы Г. Алматы	750000000 76.8911	43.239162	1 Almaty
142160 ERICSSON	ERBS_81170_URL_Avangard_BK	581170-100	Г.Уральск	2003	148779620	Западно-ГУральск Г Уральск	271010000 51.352222	51.211942	4 West
142373 ERICSSON	ERBS_45032_KYZORDAHOT_KB	545032-102	Г.Кызылорда	3246	139528294	Кызылор, Кызылор, Кызылор,	431010000 65.494759	44.843177	2 South
143475 ERICSSON	ERBS_71116_TEMIRBETON_KB	L8_AKT_71116TEMIRBETON-10	Г.Актобе	24001	146205706	Актюбинс Актобе Г., Актобе	151010000 57.178109	50.299058	4 West
142093 ERICSSON	ERBS_71157_GAZTEPLO_KB	571157-110	Г.Актобе	3017	146216302	Актюбинс Актобе Г., Актобе	151010000 57.124293	50.317962	4 West
98379 ERICSSON	42249BADAM	EC2491	С.Бадам	47251	29791	Южно-Ка: Ордабась Шымкент	514633100 69.260237	42.382990	2 South
97096 ERICSSON	42600IKANUMID	EC6006	С.Сузак	17266	26006	Южно-Ка: Сузакский Туркестан	515647100 68.515720	43.191741	2 South
97402 ERICSSON	41133USHALADDIN	EB1336	С.Аксу	17253	4206	Южно-Ка: Сайрамск Шымкент	515230100 69.827492	42.419801	2 South
97296 ERICSSON	42179UXARYSKALJ	EC1798	Г.Арысь	47253	21178	Южно-Ка: Арысь Г.А Шымкент	511610000 68.792996	42.407109	2 South
99937 ERICSSON	43043TRGLUHOY	ED0437	Г.Тараз	7274	1707	Жамбылс Тараз Г.А. Тараз	311010000 71.398516	42.892578	2 South
97003 ERICSSON	42605TLBTOGYS	EC6056	С.Маятас	17255	33306	Южно-Ка: Толебийс Шымкент	515849600 69.805133	42.221832	2 South
69617 ERICSSON	11790SAURSEVEN	USAURS3	Г.Астана	43172	17903	Астана Г./ Астана Г./ Астана	711000000 71.417270	51.119063	8 Astana
69562 ZTE	32110AKSUSTROY	UAKST6	Г.Аксу	1304	32216	Павлодар Аксу Г.А. Павлодар	551610000		7 East
69799 ERICSSON	44243SARYBEGEI	BEGEI1	С.Сарыкемер	7262	44431	Жамбылс Байзакски Тараз	313630100 71.51365278	43.01414167	2 South
69742 ERICSSON	42654BAYALDYR	BAYAL3	С.Баялдыр	17257	26543	Южно-Ка: Кентау Г./ Туркестан	512035100 68.27608306	42.82811111	2 South
69594 ERICSSON	24078SHATALYUKA	DZHSH3	Г.Жезказган	3102	40783	Караганді Жезказгаі Караганда	351810000 67.51411111	47.91097778	3 North
69648 ERICSSON	43176TRBOLASHAK	BOLAS8	Г.Тараз	7262	31768	Жамбылс Тараз Г.А. Тараз	311010000		2 South
3141 ERICSSON	11415AGALAU	UASAGA2	Г.Астана	43172	14152	12 Астана Г./ Астана Г./ Астана	711000000 71.413407	51.118602	8 Astana
3142 ERICSSON	11416XKORME	UKORM6	Г.Астана	43172	14166	12 Астана Г./ Астана Г./ Астана	711000000 71.420703	51.127903	8 Astana
3143 ERICSSON	11416XKORME	UKORM7	Г.Астана	43172	14167	12 Астана Г./ Астана Г./ Астана	711000000 71.420703	51.127903	8 Astana
3144 ERICSSON	11416XKORME	UKORM8	Г.Астана	43172	14168	12 Астана Г./ Астана Г./ Астана	711000000 71.420703	51.127903	8 Astana
3145 ERICSSON	11419STREET66	5STRET1	Г.Астана	53172	14191	13 Астана Г./ Астана Г./ Астана	711000000 71.46613889	51.13069444	8 Astana
3146 ERICSSON	11419STREET66	5STRET2	Г.Астана	53172	14192	13 Астана Г. Астана Г. Астана	711000000 71.46613889	51.13069444	8 Astana
3147 ERICSSON	11419STREET66	5STRET3	Г.Астана	53172	14193	13 Астана Г. Астана Г. Астана	711000000 71.46613889	51.13069444	8 Astana
3148 ERICSSON	11421PROMZONA	5PRMZ1	Г.Астана	53172	14211	13 Астана Г./ Астана Г./ Астана	711000000 71.52894444	51.12641667	8 Astana
3149 ERICSSON	11421PROMZONA	5PRMZ2	Г.Астана	53172	14212	13 Астана Г. Астана Г. Астана	711000000 71.52894444	51.12641667	8 Astana
104950 ERICSSON	11696NAZUNTEPLO	BB6968	Г.Астана	43173	6038	Астана Г. Астана Г. Астана	711000000 71.398559	51.094140	8 Astana
104687 ERICSSON	11866PARADISE	1UPARD1C	Г.Астана	13173	38661	Астана Г./ Астана Г./ Астана	711000000 71.453598	51.177599	8 Astana
104755 ERICSSON	11930EIFELTOWER	3UILEF7	Г.Астана	33172	19307	Астана Г. Астана Г. Астана	711000000 71.252968	51.124964	8 Astana
104473 ERICSSON	11509ASKORGAN	UASKOR2	Г.Астана	47173	8042	Астана Г. Астана Г. Астана	711000000 71.338456	51.177374	8 Astana
107870 ERICSSON	11951ZANGAR	5UZANG8	Г.Астана	53174	19518	Астана Г. Астана Г. Астана	711000000 71.553762	51.146239	8 Astana
106871 ERICSSON	11774ASKFC	1USKFC2	Г.Астана	13173	4312	Астана Г. Астана Г. Астана	711000000 71.428535	51.159672	8 Astana
104801 ERICSSON	11911SPETSTSON	USPSON1	Г.Астана	47173	19111	Астана Г. Астана Г. Астана	711000000 71.318049	51.207587	8 Astana
105543 ERICSSON	11628XLOMONOS	BB6283D	Г.Астана	13173	36288	Астана Г. Астана Г. Астана	711000000 71.452053	51.167825	8 Astana

Links to know APT activities

- ESET: Fishmonger (HK universities, ~2020)
- Trend Micro: Earth Lusca
 - Same targeting
 - Use of ShadowPad and Winnti
 - "Earth Lusca's source IP addresses are from Chengdu, Sichuan province, where the main office of I-Soon's penetration teams is also located."
- Recorded Future: RedHotel
- Citizen Lab: POISON CARP

Time		From
2023-01-09 02:28:07	wxid_hlmnhsq64tt722	
2023-01-09 02:28:14	wxid_hlmnhsq64tt722	
2023-01-09 02:28:18	wxid_12n748um1thl21	
2023-01-09 02:36:19	wxid_hlmnhsq64tt722	
2023-01-09 02:36:25	wxid_hlmnhsq64tt722	
2023-01-09 02:43:51	wxid_12n748um1thl21	
2023-01-09 02:44:06	wxid_12n748um1thl21	
2023-01-09 02:44:09	wxid_12n748um1thl21	
2023-01-09 02:44:20	wxid_hlmnhsq64tt722	
2023-01-09 02:44:33	wxid_12n748um1thl21	
2023-01-09 02:44:51	wxid_12n748um1thl21	
2023-01-09 02:44:58	wxid_hlmnhsq64tt722	
2023-01-09 02:48:54	wxid_hlmnhsq64tt722	
2023-01- 09 02:52:01	wxid_12n748um1thl21	
2023-01-09 02:52:03	wxid_12n748um1thl21	
2023-01-09 02:55:53	wxid_hlmnhsq64tt722	
2023-01-09 02:55:56	wxid_hlmnhsq64tt722	
2023-01-09 02:56:36	wxid_12n748um1thl21	
2023-01-09 03:01:26	wxid_12n748um1thl21	
2023-01-09 03:02:07	wxid_hlmnhsq64tt722	
2023-01-09 03:02:26	wxid_12n748um1thl21	
2023-01-09 07:25:16	wxid_12n748um1thl21	
2023-01-09 07:25 :29	wxid_12n748um1thl21	
2023-01-09 07:57:13	wxid_hlmnhsq64tt722	
		/

wxid 12n748um1th121 wxid 12n748um1th121 wxid hlmnhsq64tt722 wxid_12n748um1th121 wxid 12n748um1th121 wxid_hlmnhsq64tt722 wxid hlmnhsq64tt722 wxid hlmnhsq64tt722 wxid_12n748um1th121 wxid_hlmnhsq64tt722 wxid hlmnhsq64tt722 wxid_12n748um1th121 wxid_12n748um1th121 wxid hlmnhsq64tt722 wxid_hlmnhsq64tt/22 wxid_12n748um1th121 wxid 12n748um1th121 wxid_hlmnhsq64tt722 wxid hlmnhsq64tt722 wxid_12n748um1th121 wxid hlmnhsq64tt722 wxid_hlmnhsq64tt722 wxid_hlmnhsq64tt722 wxid 12n748um1th121 To

Wait a minute, there is something wrong with the platform https://74.120.172.10:10092/home access OrFRXV LZtestUser lzqzmp@123 Send a demo video No need to give this information 「呲呲」 This is Microsoft's trial version Well. I saw it Is there a demonstration video from Microsoft? Let me ask Microsoft Email Encryption Platform.7z Is your video wrong? I can't open Huh? Just decompress it I guess I didn't watch the video There is also Android remote control Android wait a moment, there is a problem Good 202301090144.pdf

 Resolutions (5) Resolve First seen Last seen 2021-05-30 2023-12-30 www.mailteso.online 2020-09-22 2023-12-29 mailteso.online 74.120.172.10.1 2021-01-01 dzvclh4xik6zf53a9999.brgdc4ue 2022-10-28 mailnotes.online 2021-08-09 2022-07-08



Look, can we do it?

It can be done. Only the agent needs to be tested

https://citizenlab.ca/2019/09/poison-carp-tibetan-groupstargeted-with-1-click-mobile-exploits/

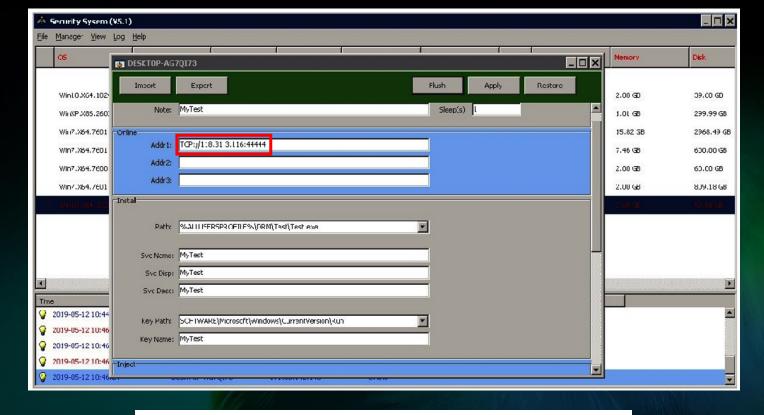
2022-06-13 04:50:20	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Yeah
2022-06-13 04:50:28	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Call anytime
2022-06-13 04:50:32	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	What do you need me to do
2022-06-13 07:39:19	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Asking about personal PC access in Yangzhou
2022-06-13 07:39:21	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	[Face covering]
2022-06-13 07:39:23	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Can I give it now
2022-06-13 07:40:26	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	[Caibaobao] [acting] 8.218.67.52:27011 [TCP Tunnel] 8.218.67.52:17011 [account] admin [password] 88888888
2022-06-13 07:40:34	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Yeah
2022-06-13 07:40:37	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	My day
2022-06-13 07:40:44	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	
2022-06-13 07:40:54	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	This server is in Hong Kong
2022-06-13 07:41:06	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	You don't care
2022-06-13 07:41:07	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	domain access result(1).csv
2022-06-13 07:41:11	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Hmm
2022-06-13 07:41:14	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	This server is ours
2022-06-13 07:41:20	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	No
2022-06-13 07:41:24	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	I mean the spinach in the morning
2022-06-13 07:41:45	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	Our springboard server
2022-06-13 07:41:47	wxid_zb45i0rc71yk21	wxid_c9yv0nsla3yn22	Oh oh
2022-06-13 07:41:58	wxid_c9yv0nsla3yn22	wxid_zb45i0rc71yk21	Needed

- 3. Gets machine information, such as the following:
- IP address
- Device name
- Username
- Running process name
- Windows product name
- Events with event ID 6005 (the event log service was started), events with Event ID 6006 (the event log service was stopped)
- Any TCP endpoints listening on ports 8090, 8091, 8092, 8093, 8094, 8095, 8096
- Any TCP endpoint established to 8.218.67.52:18024
- Antivirus product name
- If Skype or Telegram is installed
- Number of connected monitors

Source (Sep. 2022): https://www.trendmicro.com/en_sg/research/22/l/p robing-weaponized-chat-applications-abused-in-supply-chain-atta.html

ShadowPad

```
## COMMAND & CONTROL
### ShadowPad C&C Servers - IP addresses:
1.56.32[.]13
101.78.177[.]244
103.19.3[.]17
103.19.3[.]43
103.19.3[.]44
103.243.181[.]105
103.255.179[.]186
112.121.178[.]90
114.67.230[.]197
117.16.142[.]35
117.16.142[.]9
118.31.3[.]116
125.65.40[.]163
128.14.173[.]60
129.211.135[.]27
154.202.198[.]246
154.223.179[.]14
172.104.43[.]172
172.193.44[.]8
172.197.18[.]30
```



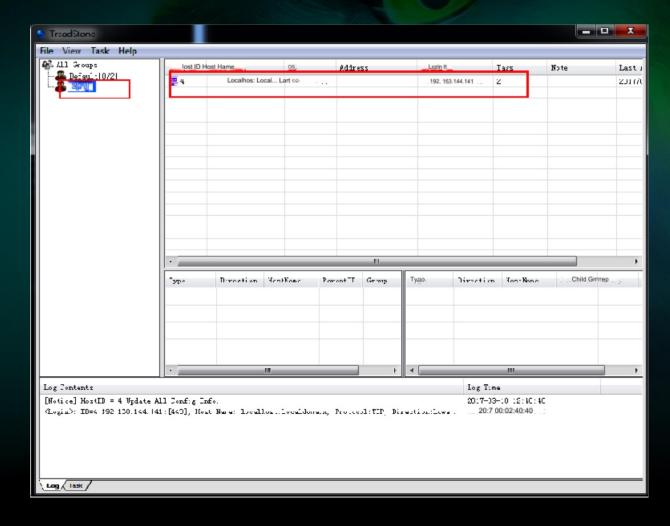
ShadowPad | A Masterpiece of Privately Sold Malware in Chinese Espionage

YI-JHEN HSIEH / M AUGUST 19, 2021

By Yi-Jhen Hsieh & Joey Chen

Linux RAT

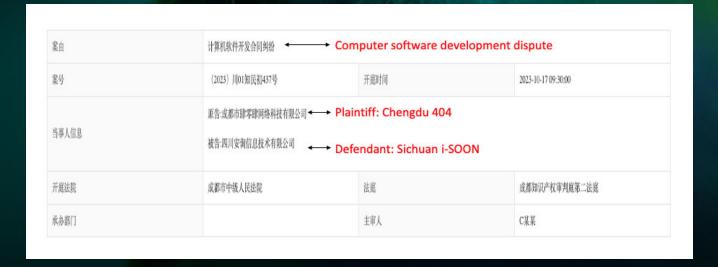
- Features:
 - Command execution
 - File management
 - SOCKS5 proxying
 - TCP port reuse for communications
- "TreadStone"
 - Mentioned in the Chengdu 404 indictment
 - Controller for Winnti



Lawsuit from Chengdu 404

- Chengdu 404 = APT41 (US DoJ)
- No details about the complaint

 Implies business connections between the two companies



Chengdu 404 == APT41 confirmed by I-Soon

2020-09-16 23:51:18	lengmo	Shutd0wn	FBI adds 5 Chinese APT41 hackers to its Cyber's Most Wanted List
2020-09-16 23:51:42	lengmo	Shutd0wn	Fuck
2020-09-16 23:51:44	lengmo	Shutd0wn	Fuck
2020-09-16 23:51:47	lengmo	Shutd0wn	Something happened
2020-09-16 23:51:53	lengmo	Shutd0wn	404 was exploded
2020-09-16 23:52:05	Shutd0wn	lengmo	Awesome
2020-09-16 23:52:26	lengmo	Shutd0wn	My day
2020-09-16 23:52:30	lengmo	Shutd0wn	All photos
2020-09-16 23:52:37	Shutd0wn	lengmo	Hahahaha
2020-09-16 23:53:24	Shutd0wn	lengmo	No. 41
2020-09-16 23:53:38	Shutd0wn	lengmo	Tell them to drink 41 drinks next time

Non-poaching agreement with Chengdu 404

2020-09-24 04:30:15		Shutd0wn	(a) (a) 404, who is engaged in security development and research, submitted his resume
2020-09-24 04:30:18	lengmo	Shutd0wn	Embarrassing
04.50.20	lengmo	Shutd0wn	Recruit or not
2020-09-24 04:30:46	Shutd0wn	lengmo	Recruit
2020-09-24 04:31:21	lengmo	Shutd0wn	What are the risks involved in the research?
04:31:24	lengmo	Shutd0wn	Asking me
2020-09-24 04:31:42	Shutd0wn	lengmo	What does this person do, it doesn't matter if it doesn't involve business
2020-09-24 04:31:57	lengmo	Shutd0wn	Technical person
04.32.12	lengmo	Shutd0wn	The development of some tools and 锅
2020-09-24 04:48:18	lengmo	Shutd0wn	Still a girl
2020-09-24 04:48:22	lengmo	Shutd0wn	Fresh graduates
04.40.22	lengino	Shutd0wn	Looking pretty good, Ji Yunhui is very excited
2020-09-24 04:48:44	Shutd0wn	lengmo	Haha
2020-09-24 04:49:05	Shutd0wn	lengmo	Do you have any photos?
2020-09-24 04:49:19	lengmo	Shutd0wn	HR and I emphasized that 404 is mainly not for us to take the initiative to recruit people. This is not possible and cannot be done. They actively submitted it and can be recruited

Negative feedback

• Sales:

- Products don't receive enough updates
- Poor delivery quality & negative feedback from customers
- Sales process is too complex, disorganized channel pipeline

Salary issues

• 2,000¥/mo (≈ 250€/mo, secretary); 5,000-8,000¥/mo on average?

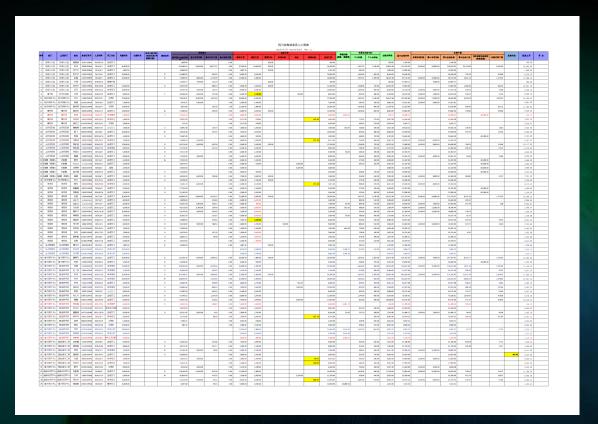
2020-08-19 04:18:43	lengmo	Shutd0wn	Embarrassing, another piece of technology was poached by Qi Anxin from Xiaoliang's case
2020-08-19 04:19:08	lengmo	Shutd0wn	In our 7K, Qi Anxin gives 12K
2020-08-19 04:19:19	Shutd0wn	lengmo	Awesome, I dug a few
2020-08-19 04:19:37	Shutd0wn	lengmo	Which department of Qi Anxin did you go to? It should not be the public security line
2020-08-19 04:20:33	lengmo	Shutd0wn	3-4
2020-08-19 04:20:42	lengmo	Shutd0wn	Our salary level is really embarrassing

- Huge focus on post-post-exploitation
 - Platforms to process, manage and visualize stolen data
 - Strongly marketed towards LEA ("case" management)
- Repackaging of OSS tools into "homemade" GUIs or appliances
 - Aiming for ease of use, not sophistication
 - Public customers in the process of scaling up operations, but facing a skill gap?
 - Talent acquisition a challenge for I-Soon as well despite university partnerships
- Apparent redundancy across all the products
 - Same codebase / engine repackaged to cover multiple verticals
- Auditing / logging / task assignment features in all products
 - Vertical work organization; micromanagement-oriented tooling

- Somewhat crude APT operations
 - Limited to no Oday research capabilities
 - Phishing as the main attack vector
 - Apparent difficulties for sourcing malware implants
- Questionable OPSEC
 - Implants sold to customers are used for their own operations
 - Customer implants can be used for a discount
 - Tasking over IM
 - Cleartext victim / target organizations
 - I-Soon had been identified before the leak

- Oversold social media products
 - Doesn't appear to do anything beyond monitor specific accounts
 - Influence / psyops capabilities limited at best (at least for I-Soon)
- But!
 - Impressive number of victims
 - Targets across many verticals
 - Obvious operational successes
 - Ability to infiltrate telcos and extract key data
 - Operational independence
 - Can be tasked by customers...
 - ...or proactively breach and pitch the stolen data to customers.
 - Core technology focus: handling huge volumes of stolen data
 - NOT: be better at breaching victims
- Confirms the autonomy in cyber operations at the province level

- Hugely damaging leak
 - Blown operations
 - Reputation
 - Internal employee list with salaries
 - Embarrasses the Chinese Government
- Prediction: I-Soon will keep operating





Questions?

