

When State Actors and Cyber Criminals Join Hands



Uri Rivner | Head of Cyber Strategy

BioCatch

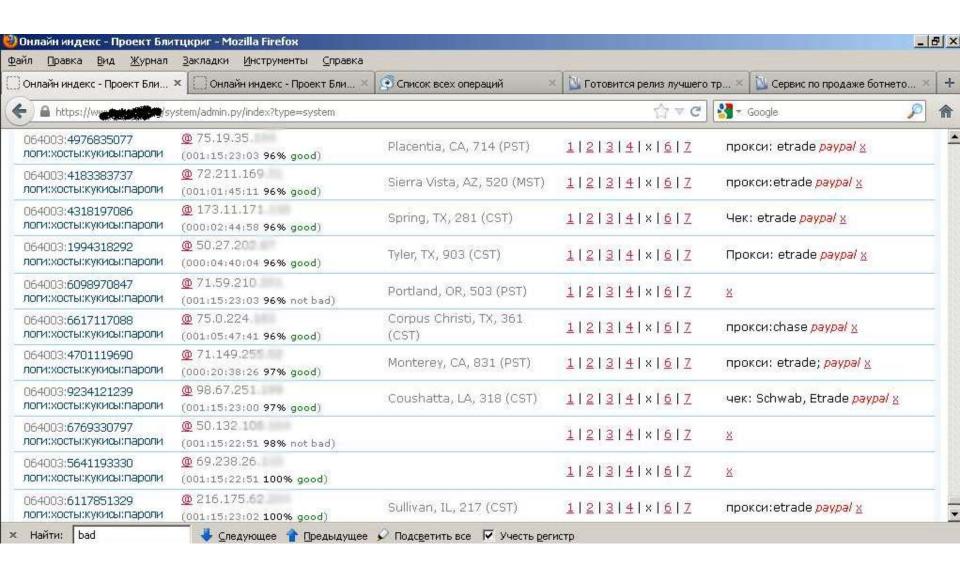
Session ID: STU-T19B

Session Classification: General Interest



Trojan Kits with APT-like tools

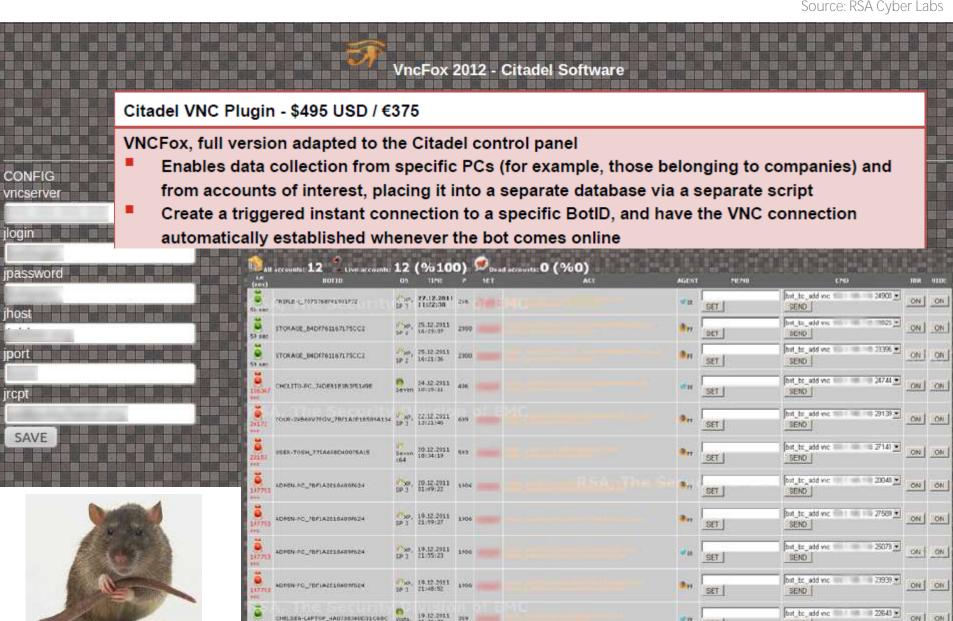
Gozi Prinimalka



SET

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Citadel

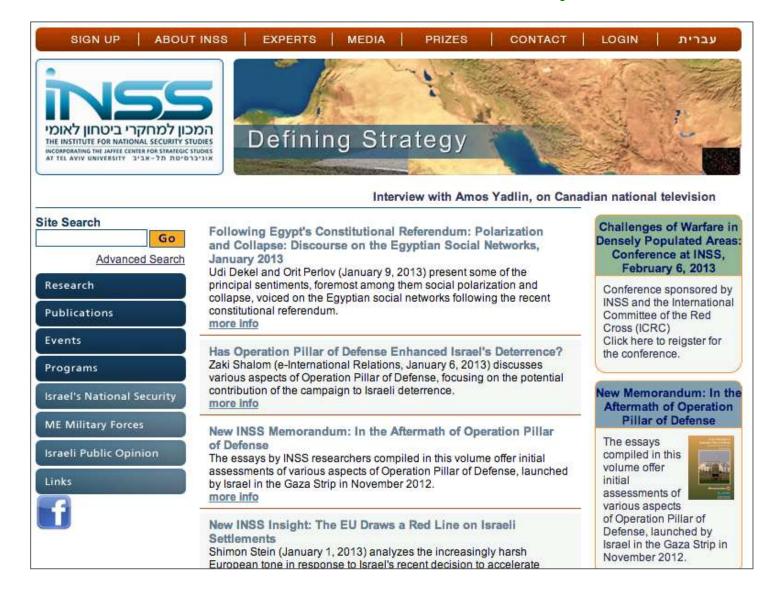


Other Famous RATs

1	2	3	4	5
Phishing and Zero day attack	Back door	Lateral movement	Data gathering	Exfiltrate
A handful of users are targeted by two phishing attacks; one user opens Zero day payload (CVE-02011-0609)	The user machine is accessed remotely by Poison Ivy tool	Attacker elevates access to important user, service and admin accounts, and specific systems	Data is acquired from target servers and staged for exfiltration	Data is exfiltrated via encrypted files over ftp to external, compromised machine at a hosting provider

Recent RAT Infestation:

Israeli Institute for National Security Studies





When States control Botnets

State-owned Botnet

KrebsonSecurity

In-depth security news and investigation

302-DIRECT-MEDIA-ASN

8e6 Technologies, Inc.

AAPT AAPT Limited

ABBOTT Abbot Labs

ABOVENET-CUSTOMER - Abovenet Communications, Inc.

ACCNETWORKS - Advanced Computer Connections

ACEDATACENTERS-AS-1 - Ace Data Centers, Inc.

ACEDATACENTERS-AS-1 – Ace Data Center

The ACSEAST - ACS Inc.

569 tweets

TOP +5K

retweet

attack,

post features

information s

of those

ACS-INTERNET - Affiliated Computer Services

bloc ACS-INTERNET - Armstrong Cable Services

ADELPHIA-AS - Road Runner HoldCo LLC

Administracion Nacional de Telecomunicaciones

was there for AERO-NET - The Aerospace Corporation

AHP - WYETH-AYERST/AMERICAN HOME PRODUCTS

Security exper AIRLOGIC - Digital Magicians, Inc.

the only cor AIRTELBROADBAND-AS-AP Bharti Airtel Ltd., Telemedia Services

AIS-WEST - American Internet Services, LLC.

multinational AKADO-STOLITSA-AS _AKADO-Stolitsa_ JSC

ALCANET Corporate ALCANET Access

using many of ALCANET-DE-AS Alcanet International Deutschland GmbH

infrastructure ALCATEL-NA - Alcanet International NA

willing to talk ALCHEMYNET - Alchemy Communications, Inc.

companies m. Alestra, S. de R.L. de C.V.

ALLIANCE-GATEWAY-AS-AP Alliance Broadband Services Pvt. Ltd.,Alliance Gateway

AS, Broadband Services Provider, Kolkata, India

ALMAZAYA Almazaya gateway L.L.C

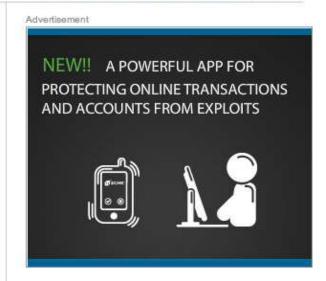
AMAZON-AES - Amazon.com, Inc.

AMERITECH-AS – AT&T Services, Inc.



ABOUT THIS BLOG

ABOUT THE AUTHOR



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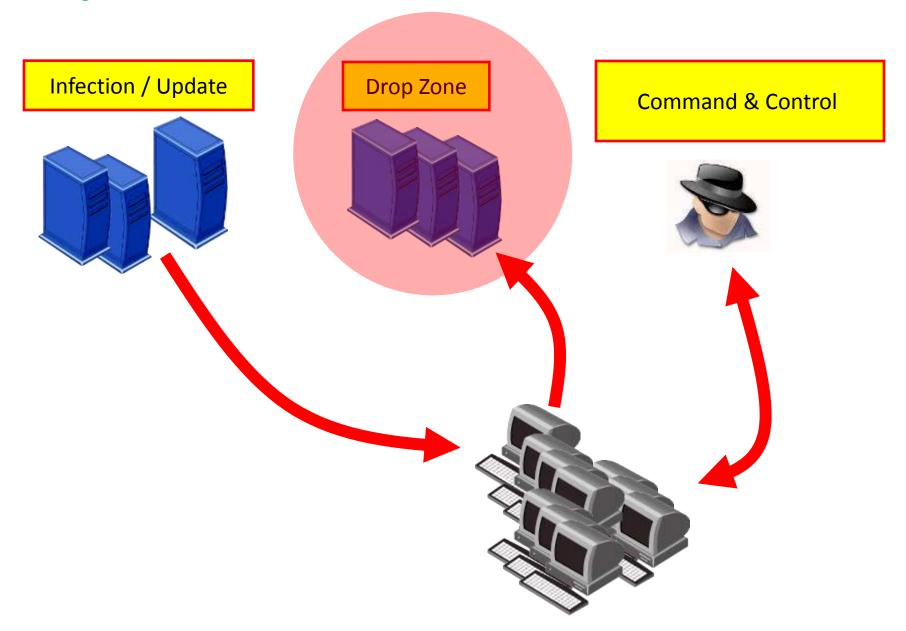
Recent Posts

Zero-Day Java Exploit Debuts in



Government, Military PCs for Sale

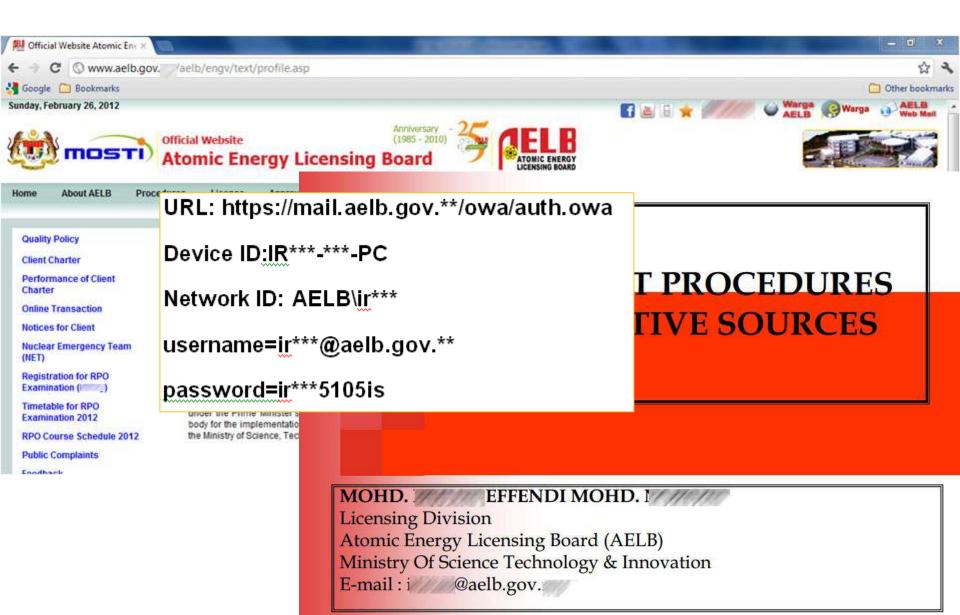
Trojan Infrastructure



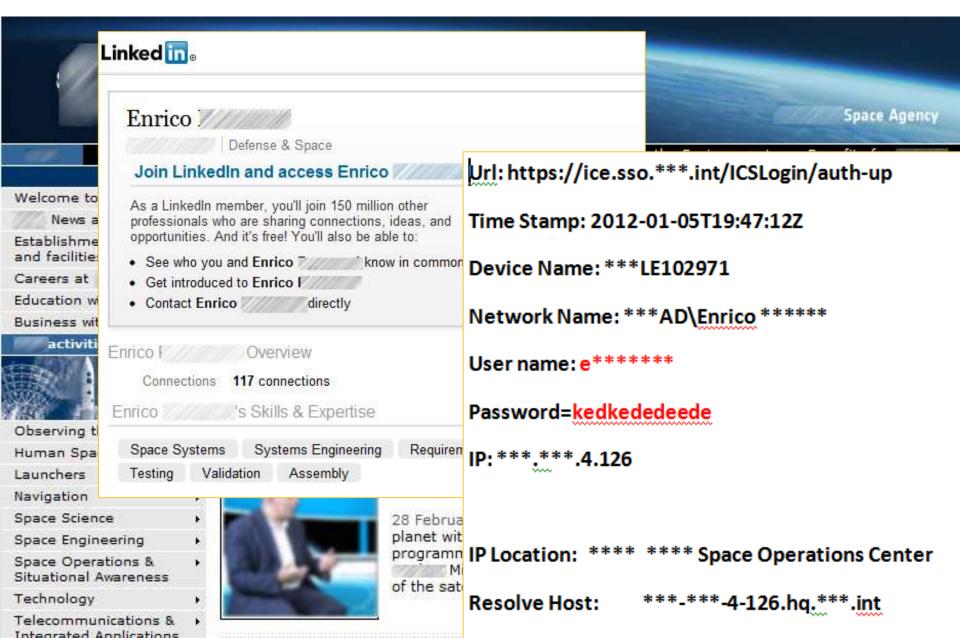
The Presidential Office



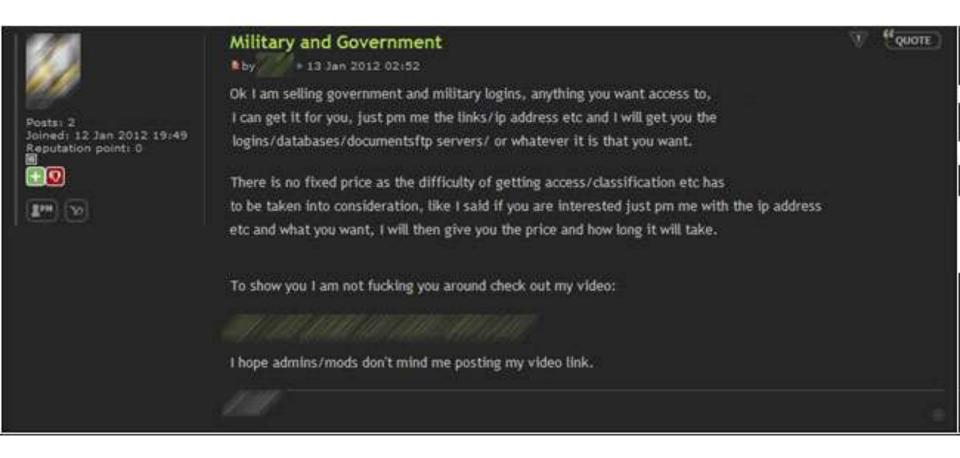
Atomic Energy in South East Asia



Foreign Space Agency



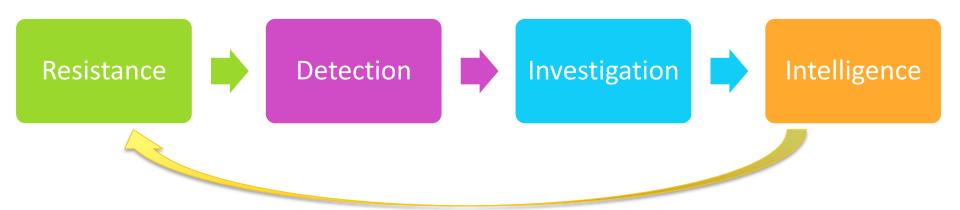
Government, Military for Sale





New Defense Doctrine

Fighting Advanced Threats



Summary

- Cyber Criminals have access to APT-grade tools
- Military Intelligence has access to massive Botnets
- Financially motivated hackers sell .gov, .mil accounts
- New Defense Doctrine needed

A&Q

Got any questions? Send me a LinkedIn invitation (Uri Rivner)



Security in knowledge