Alliances

ALLIANCE Media Group

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CISO Alliances – UK&I
4th February 2021

Alliance - 'A union formed for mutual benefit'

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ALLIANCE Media Group

Session Leader:

Mike Jones
H4unt3d Hacker Podcast

Mike Jones (sting3r) As a former member of Anonymous Mike has refocused his efforts to advise both public and private sector on how to better secure not only their infrastructure but also their social behaviours against compromise. He has lead several Red Teams and has developed new ways to exploit organisations. His knowledge in the seedier side of the cyberspace has given him a unique viewpoint on today's threats. Mike also volunteers time to local police as well as national organizations to help today's youth make better cyber decisions.

MIKE JONES

- Classified by international business times as a "Cyber-terrorist" 2016
- Anonymous "reformed"
- Government Work
- Banking
- DoD
- Penetration Tester
- VIPER VAST
  http://vipervast.sourceforge.net

Anonymous hacker confessions: How a US military man went from freedom fighter to cyber-terrorist

By Jason Murdock
March 15, 2016 14:48 GMT

Former Anon Mike Jones: "When I look at my kids, jail is not somewhere I want to be."   [Anonymous]

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- Mike Informed us that his background stemmed from the Military where his story starts wanting to do intelligence
- His military journey included the Gulf War and post 9/11, before leaving.
- Jobs with Verizon and banks as well as contracted work with the government.
- This was along side working with Anonymous and other hacker groups.
- Mike also worked with a Russian hacking group that the government wanted information on after the 2016 US election.
- He was eventually made to leave the states and start over here in the UK.

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Why Attackers Target You

- Softer Target (assumed)
- Less Resources
- High Value Contributors
- Not Always Financial
- Bandwith and launchpads
- Unused Pipe for Botnet(s)
- Political

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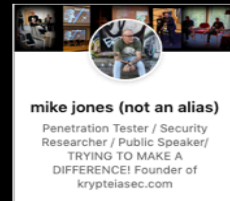
Mike Jones
H4unt3d Hacker Podcast

- Hackers will target softer targets within an organization. This may be someone who is easily accessible, gives a lot of information out, their habits and with less knowledge. This will be with the intention to get to higher value targets.
- It is not always for financial gains that hackers will target, for instance nation states will more than likely go for intellect as well as to gain influence over elections etc.
- Hackers also target organizations for bandwidth to be able to mine for bitcoin etc.

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Building a Profile

- Social Media
- Professional Organizations
- Personal Relationships
- Public Information
- Habits

mike jones (not an alias)

Penetration Tester / Security Researcher / Public Speaker/ TRYING TO MAKE A DIFFERENCE! Founder of krypteiasec.com

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- Hackers will use your social media channels to build a profile of their targets. This will include, Facebook, Instagram, LinkedIn and Twitter.
- They will look for any professional organisations that you are linked with, any of your personal relationships, friends and family.
- They will use your habits and likes to get close to you to be able to gather more information about you that they can use at a later date,

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Gaining Access

- Building buyable profiles
- Opening Comms
- Making Contact w/ peers

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- With the information that they have learned about you, they will build their own social media profile to gain with the aim of making contact with you and your peers.
- They will build their profiles so they look appealing to you, for example if you're interested in kayaking they will use this to open up dialogue with you.

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Techspace

- Careers page
- HR Listings
- Interviews
- Learning the tech
- Footprinting

Candidates MUST have work-place experience in the following areas:

- Troubleshooting and implementing basic support fixes on MS server 2008 or above
- Administration of Office 365 and/or inhouse MS Exchange Servers
- Strong knowledge of DNS and DHCP
- Management and administration of Active Directory and Group Policy
- Network troubleshooting – ability to identify what is on a network and points of failure and collect tangible data using tools such as ping, trace route etc.
- VPN – ability to troubleshoot and setup client access

The following areas are highly desirable for this role:

- Microsoft Office 365 – Understanding of the packages and systems involved in Office 365. Proven track record of managing the day to day administrations.
- Recent qualifications in Office 365, MS Server or similar.

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- Hackers will certainly use your careers pages on Linkedin as this will give them a roadmap of ways that they can hacker you.
- They will look for HR listings as per the one above which outlines what the organisations needs help with, so giving the hacker the information they need.
- They will also apply for jobs and attend to question the interviewer to gain as much information as they can that can be used to hack.

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In the magazine earlier this month, I wrote about Greg Chung, a Chinese-American engineer at Boeing who worked on NASA's space-shuttle program. In 2009, Chung became the first American to be convicted in a jury trial on charges of economic espionage, for passing unclassified technical documents to China.

"Robin Sage" as she appeared on social networking pages.

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- Here are just two examples of people who have hacked organizations.
- The female seem legit, however this was a profile that was set up to lure in soldiers and gather information from them under the guise of being an interested female admirer.

Damage Control

- Do the basics well
- Educate
- Be proactive
- Knowledge share
- Threat Intel Feed
- Don't become this guy ---->

THIS WEBSITE HAS BEEN SEIZED