

Cyber@UC Meeting 34

Wireshark, Packets, PCAPs, and Pings

If You're New!

- Join our Slack **ucyber.slack.com**
- Follow us on **Twitter @UCyb3r** and Facebook UC.yber; University of Cincinnati OWASP Chapter
- Feel free to get involved with one of our committees: **Content, Finance, Public Affairs, Outreach, Recruitment**
- Stay updated through our weekly emails and SLACK



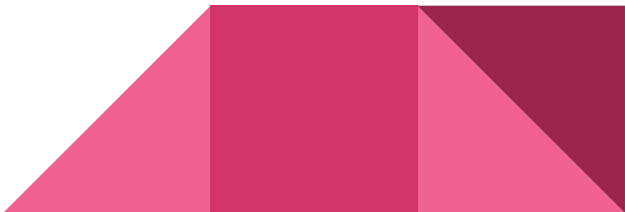
Announcements

- **CharitEweek** This week!
- **Red team** against Franco's Class! *Nov. 30th - 1st Dec.*
- **P&G visit set for Jan 22nd 2-3pm**
- **Logo Design** SUBMIT IDEAS!
- New lab updates **coming soon**



Weekly Content

Increasing number of data breaches


- Aside from Yahoo and Equifax, there have been 1465 other breaches in Q3 that have gone relatively unnoticed
 - Data breach record exposure is up 305% from last year
 - The number of breaches is up 18.2%
 - Five breaches from this year are in the top 10 largest breaches of all time, combined account for 78.5% of all records exposed to date
 - During Q3, most of the breaches that occurred exposed fewer numbers of records and less of them exposed social security numbers
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Hacking the hackers

- Hacking tools are being sold with exploits that allow attackers to hack into their customers
- Software like Cobian RAT and Facebook hacking tool
- These tools often work as advertised, but are also create backdoors into the customer
- An example of why this is good for the tool developer
 - The customer has a botnet of 100,000 devices
 - Hacker creates a backdoor into the customer
 - The hacker now controls the customer's botnet



Hacking as a service

- DDoS for hire services are on the rise
 - The Ragebooter DDoS for hire service is now about to release a mobile version
 - Previously mentioned Reaper botnet is believed to be creating a botnet to use as a DDoS for hire service in the chinese criminal underground
 - Federal government is cracking down on people who use this service
 - A man was arrested for making use of vDoS to attack a former employer
 - Use of cyber attacking by individual civilians will most likely be a new trend that will continue to rise over time
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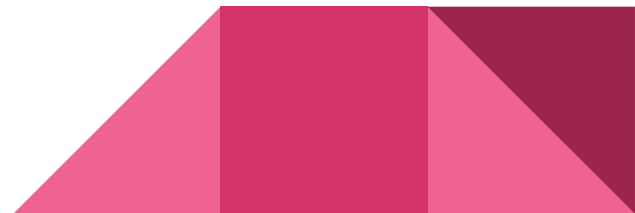
Sources

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<https://krebsonsecurity.com/2017/11/hack-of-attack-for-hire-service-vdos-snares-new-mexico-man/>

<https://krebsonsecurity.com/2017/11/ddos-for-hire-service-launches-mobile-app/>



Packets, Pings, and Wireshark