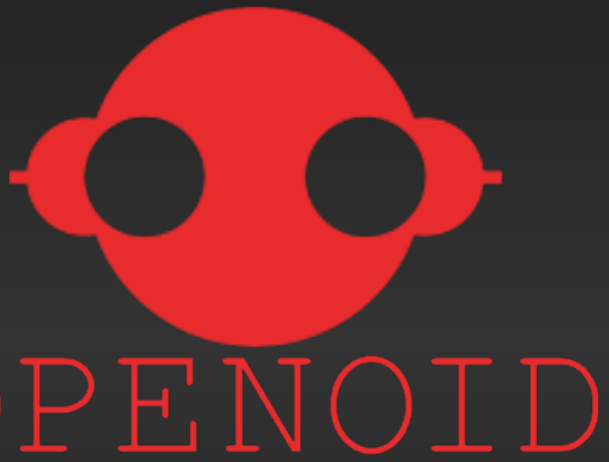
In The Wake of Ashley Madison

information security lessons (hopefully) learned

Jim Salter

Mercenary Sysadmin,
Small Business Owner



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The promise of Ashley Madison

The *reality* of Ashley Madison

This talk is not about ethics in adultery.

(or in video game journalism)

I will never knowingly “out” anyone.

How'd I get involved?

wistv.com

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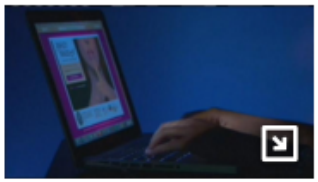
Ashley Madison hack reminder that data is never 100 percent secure

Posted: Aug 21, 2015 9:33 PM EDT
Updated: Aug 31, 2015 9:33 PM EDT

By Jack Kuenzie CONNECT



COLUMBIA, SC (WIS) - This week's release of data collected by the Canadian company catering to cheaters is another reminder for all of us who put our personal information online.

That reminder is you will never be 100 percent safe.

For Ashley Madison's 39 million users, privacy was paramount.

And the company apparently convinced many, if not most, their interests and most sensitive personal information would be safe.

"I just want to know very simply, is my data secure?" said IT expert Jim Salter. "Do I ever have to worry about this? The answer is no, it is not secure. Yes, you need to worry about it."

What are the SC towns and cities with the most paid activity on Ashley Madison?

Posted: Aug 27, 2015 11:39 AM EDT
Updated: Sep 06, 2015 11:39 AM EDT

By Jeremy Turnage CONNECT

13,038 South Carolinians spent money on Ashley Madison.

That's about 3 out of every thousand people in SC.

About 92.5% of them were men.

That's about 5.1 out of every thousand men in SC.

About 75% of them were men age 25-55.

That's about 1.1 out of every *hundred* men in SC, age 25-55.

It gets much, much worse when you only look at cities.

<u>% of males age 25-55:</u>

Charleston: 3.1%

Columbia: 3.3%

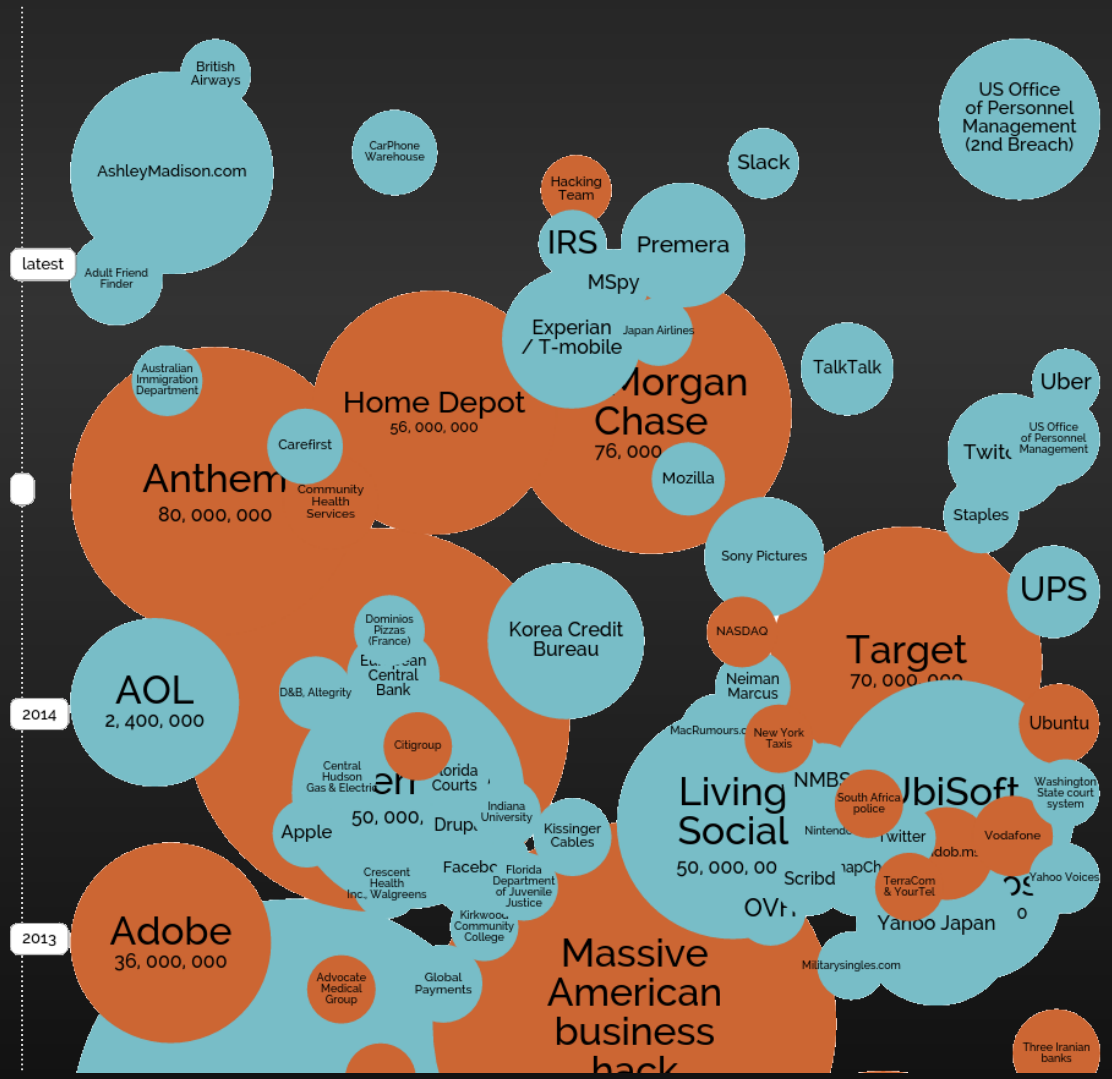
Greenville: 4.9%

Lexington: 7.8%

Fort Mill: 11.7%

Every network will eventually fall.

SONY, Apple, AOL, Target, Gawker, IRS, SC DoR, Twitter...



What made the Ashley Madison breach special?

RISK.

Speaking of “risk”: let's talk about netblocks.

Army Research Office

```
NetRange:    132.193.0.0 - 132.193.255.255
CIDR:        132.193.0.0/16
NetName:     ARO-NET
NetHandle:   NET-132-193-0-0-1
Parent:      NET132 (NET-132-0-0-0-0)
NetType:     Direct Assignment
```

Today's vocabulary word:

pivot

In a nutshell:

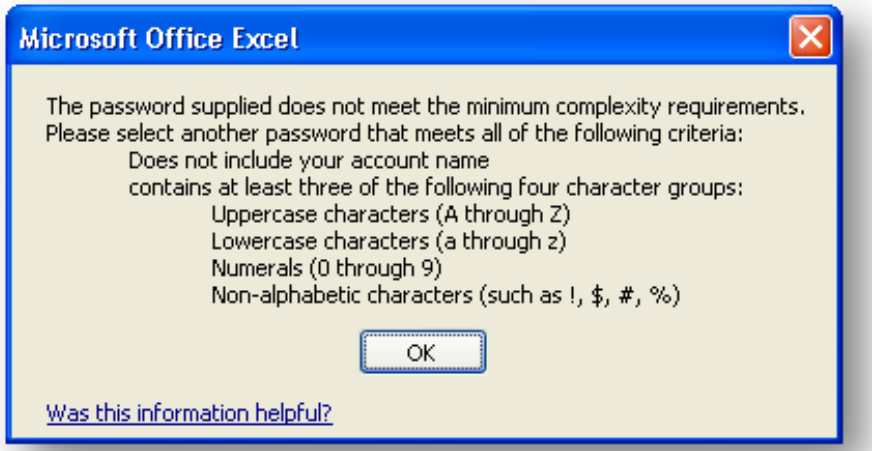
all sites will fall

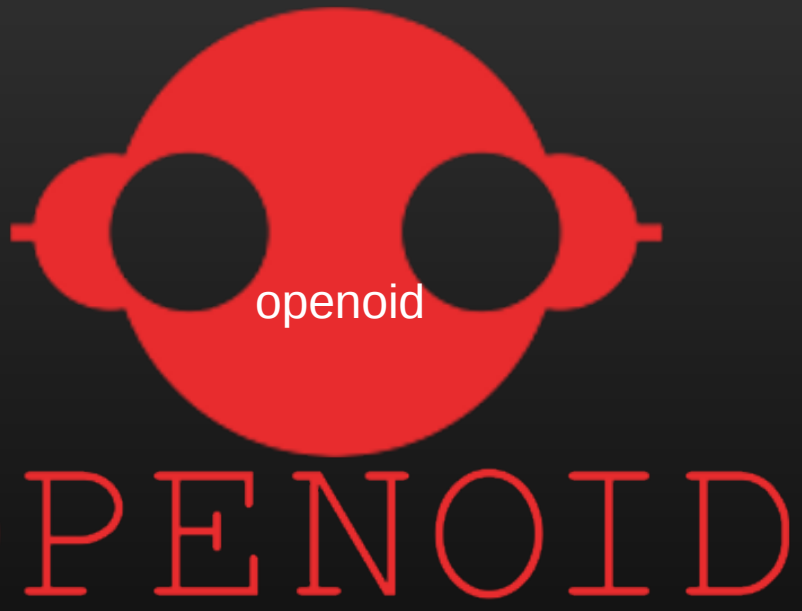
think about exposure

where can the attacker go *next?*

Let's talk about passwords!

Passwords In The Internet Age
2:45PM, Citizen Track





Questions?

Comments?

Angry denunciations?

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