

YAHOO!

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The first breach took place in August 2013

Aug. 2013

end of 2014

The Second breach took place at the end of 2014

WHEN THE BREACHES OCCURRED

Yahoo! reports that both breaches were performed through falsified web cookies. Yahoo! at the time did not use any type of data encryption on user's security questions/answers.

HOW DID IT HAPPEN



STOLEN DATA

Names

Username

Password

Security Questions/Answers

Phone numbers

Addresses

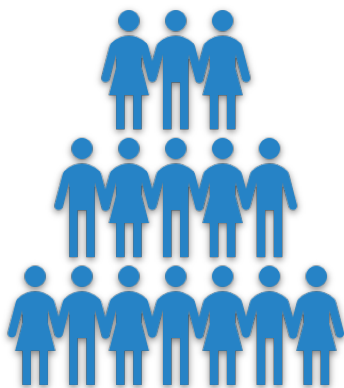


ANNOUNCEMENT OF BREACHES

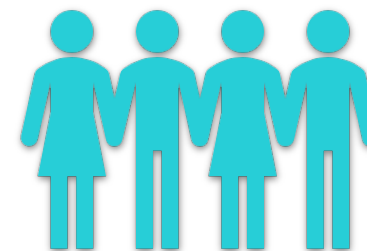
The August 2013 breach was reported December 2016

The late 2014 breach was reported September 2016





In the breach of 2013
3,000,000,000 (billion) users



In the breach of 2014
500,000,000 (million) users

WHO WAS AFFECTED

THE CULPRIT

Yahoo! suspects a state-sponsored actor such as China or Russia

The U.S. Government states that the attack has similarities to previous breaches linked to the Russian Government.

Sean Sullivan of F-Secure and Kenneth Greers of Comodo both suspect China

InfoArmor believes it was the works of an Eastern European criminal gang related to Groupe E.

The data was found being sold on the dark web on a website called TheRealDeal. InfoArmor linked Group E as the source of the data being sold by a seller of the name Peace_Of_mind (aka Peace). It is also believed that the information is being sold to other web sellers as well.

The U.S. Government, who thinks the breach was performed by a nation-state, believes the attack was actually used to gain information on specific people.

WHAT HAPPENED WITH THE STOLEN DATA

LEGAL ACTIONS

The FBI officially charged four men with the breach.

Agent Dmitry Dokuchaev	Agent Igor Sushchin	Alexsey Belan (Hacker on the FBI's Ten Most Wanted list)	Karim Baratov (Canadian hacker)
•At Large	•At Large	•At Large	•5 Year Sentence •\$250,000 Fine

Karim Baratov is the only one to be arrested who claimed innocent and then later pled guilty to hacking at least 80 accounts.

**WHAT DID IT COST
YAHOO!**



VERIZON YAHOO! MERGER DEAL



Verizon was in negotiations with Yahoo! to buy a portion of their company. Their original offer was \$4.83 billion

After the announcement of the breaches Verizon reduced their offer by \$350 million

FINES

The U.S. Government fined Altaba, the company that holds assets of Yahoo! not purchased by Verizon, \$35 million for failure to disclose the 2014 breach in a timely manner



CLASS ACTION LAWSUITS

By November 9, 2016, there were a reported 23 lawsuits related to the late 2014 breach

5 were combined into one lawsuit

Verizon and Altaba agreed to split the cost of a \$50 million settlement

They also had to provide two years of free credit monitoring through AllClear ID

Following the August 2013 breach announcement, another class-action lawsuit was filed stating Yahoo! failed, and continues to fail, to provide adequate protection of its users personal and adequate confidential information

Foreign countries such as Ireland, are also investigating these breaches

Other countries, like Germany, are recommending their government and other German users to seek out other email and internet solutions

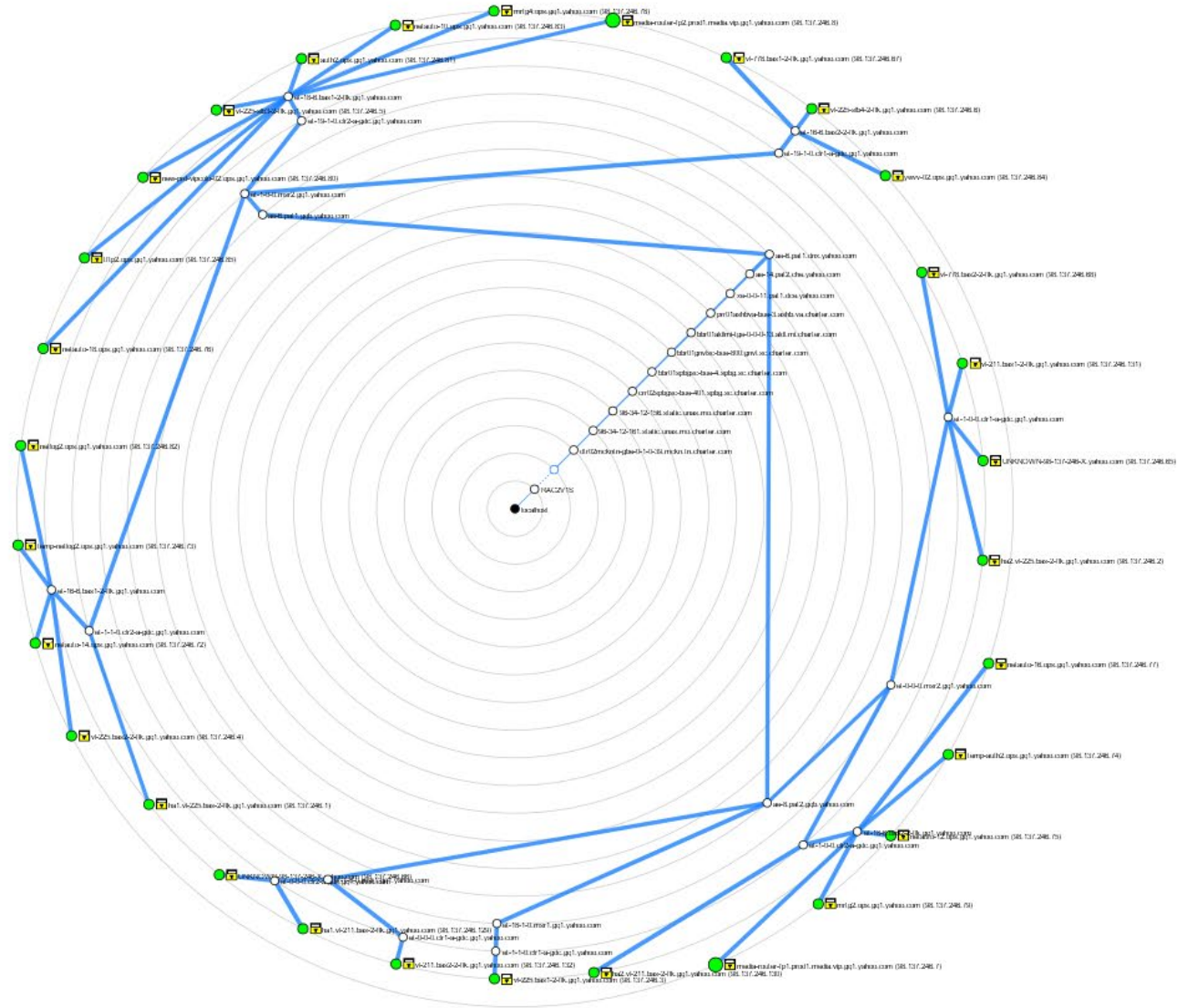


FOREIGN ACTIONS

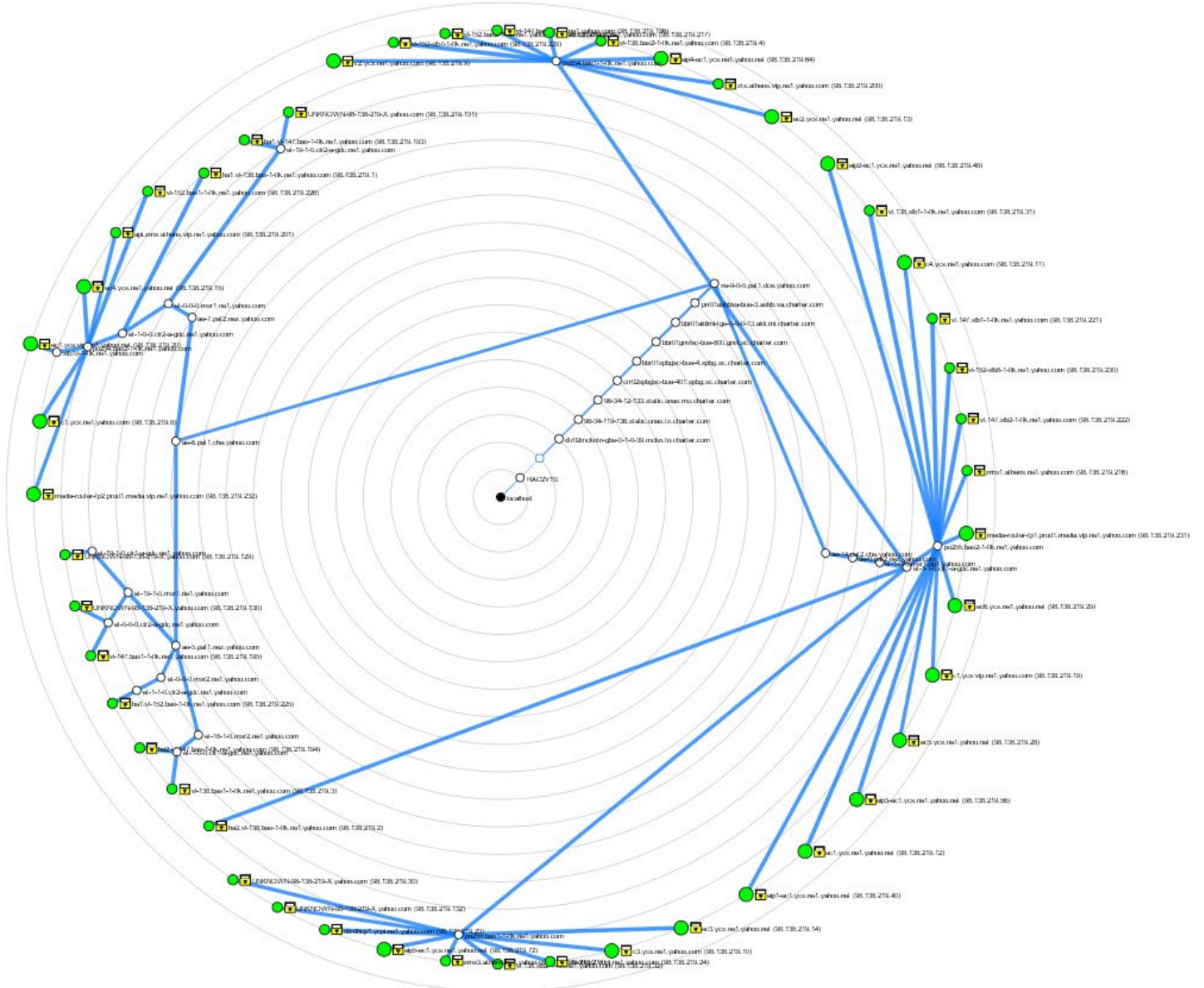
NMAP



98.137.246.0/24



98.138.219.0/24



SOURCES

https://en.wikipedia.org/wiki/Yahoo!_data_breaches