



BriansClub Data Breach

Brian Mc Collum, Andrew Geyko, Sihan Xu,
and Caleb Larios



What Was the Breach?

- BriansClub, a site that sells stolen credit cards, had their inventory leaked
 - This included over 26 million records
- Includes credit card info as well as card dumps
 - Dumps are binary strings that can be placed onto credit cards to then be used at retail stores





Important dates

- Initial Breach: October 2019
- Records showing massive amounts of stolen cards were amassed every year
 - 2015: 1.7 million card records
 - 2016: 2.89 million more
 - 2017: 4.9 million more
 - 2018: 9.2 million more
 - 2019: 7.6 million more



Who Did the Breach?

- The breach was enacted by an anonymous source and was leaked to many cybersecurity firms that then processed the information and were able to spread the word.
- Using this information, banking institutions were contacted by these companies and the stolen cards were able to be shut down and the financial damages were greatly reduced.



How was the Breach Handled?

- Data was sent to financial institutions in order to cancel these stolen cards
- The data breach was also used to help give a rough estimate on how many of the unsold credit cards are still valid. (roughly 14 million)





How should the Breach Have Been Handled Differently?

- In this case, the breach was a good thing
- Data was sent to financial institutions in order to cancel these stolen cards, couldn't really be handled much better
- The hackers did leave a message on BriansClub saying that they had been hacked. They could have been more anonymous about it.

What Were the Effects?

- An estimated $\frac{1}{3}$ of the worlds stolen credit cards were taken out of circulation
- A major player in the stolen credit card ring has been taken down, at least temporarily.
- No updates on the arrests of the admins at BriansClub





Questions?