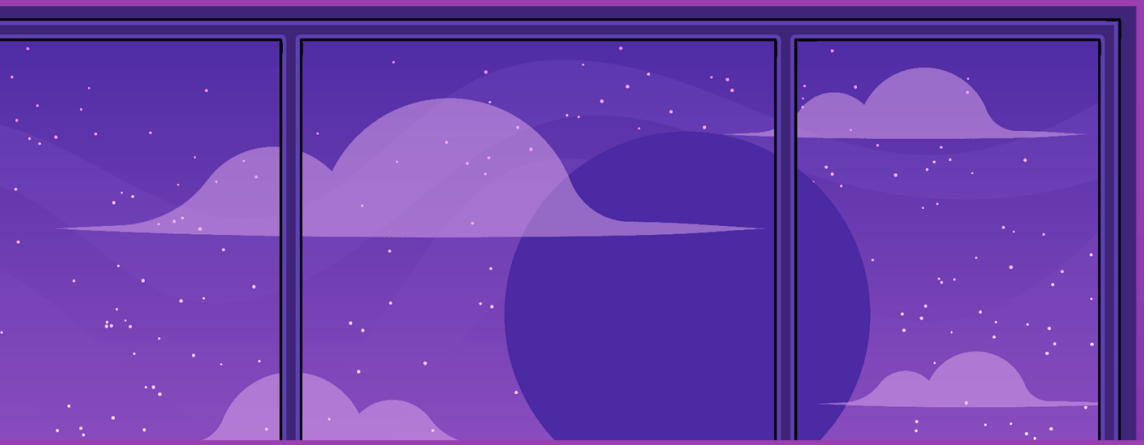
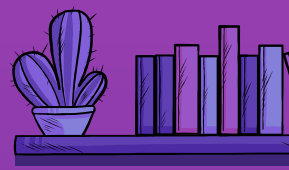


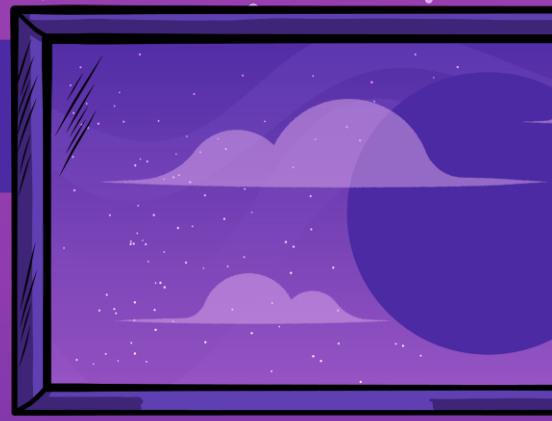


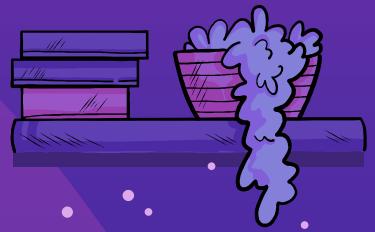
Adobe Breach 2013

Presentation CA1

By Adeeb P2107095

Table of Contents





Introduction

- **What security breach it was?**
- On October 3, 2013, the company initially revealed that 2.9 million customers' sensitive and personal data was stolen in security breach which included encrypted credit card information.

- **What kind of malware attack?**
- Brute Force

- **What kind of hacking was done?**
- - A 3.8 GB file stolen from Adobe and containing 152 million usernames, reversibly encrypted passwords and unencrypted password hints was posted on AnonNews.org. LastPass, a password security firm, said that Adobe failed to use best practices for securing the passwords and has not salted them.
- - Another security firm, Sophos, showed that Adobe used a weak encryption method permitting the recovery of a lot of information with very little effort. According to IT expert Simon Bain, Adobe has failed its customers and 'should hang their heads in shame'.

What damage did it cost to Adobe after being attacked

- Adobe also announced that hackers stole parts of the source code of Photoshop, which according to commentators could allow programmers to copy its engineering techniques and would make it easier to pirate Adobe's expensive products.

What was done to repair the damage?

- Adobe has paid an undisclosed amount to settle customer claims and faces US$1.2 million in legal fees after its 2013 data breach which compromised the details of 38 million users.
- Adobe prompted all their customer to reset their password.
- notifying customers whose credit or debit card information we believe to be involved in the incident
- notified the banks processing customer payments for Adobe, so that they can work with the payment card companies and card-issuing banks to help protect customers’ accounts.
- We have contacted federal law enforcement and are assisting in their investigation.

What was the lesson learnt and what could have been done to have prevented it in the first place ?

There are three primary lessons to be learned from this data breach.

1. Do not use the same password twice.

2. Choose long and complex passwords.

3. IT professionals at Adobe must never be lazy about security,

Interesting Facts of the Case

Adobe Breach is listed as 20th in the top 60 breach

Q & A