GROUP: 19SW42, 19SW44, 19SW45, 19SW130

ASSIGNMENT #NO: 2

SUBJECT: INFORMATION SECURITY

ADOBE DATA BREACH

Adobe is a company that designs and develops different software applications

With very appealing design edge. It was founded in 1982 in California. It is popular it's for development of different software. For instance: Photoshop, illustrator, Adobe Animate, Adobe lightroom and many more.

How Was It Discovered?

On 3rd October 2013 a huge security incident had occurred. It was discovered by the security officers that in that incident intruders had got access to the acrobat document-editing software along with ColdFusion web application. The part of the source code of photoshop was also got stolen. 2.9 million customers data had been stolen from website including their name, contact and other details.

⇨   Later on, it was found out that actual number was 38 rather than 2.9 million.

The Break-Ins

⇨ The Adobe did not apply that level of hashing so the consequences led to the breach.

⇨ Adobe reader bug allowed hackers access to all files on people's computer.

⇨ Hackers provided fake and mischievous flash updates

⇨ Through these bugs hackers were able to have remote access of the users' computers.

⇨ Hackers got access to Abode's security verification system by its internal servers.

Consequences led Adobe System to:

⇨ Brad Arkin, Chief Security officer and spoke person of Abode Systems apologized from the organization side and made an important security announcement.

⇨ The compromised database was removed from the network.

⇨ Password were reset in order to avoid further unauthorized access to the accounts of the valuable customers.

⇨   All customers received an email to reset password with instructions.

⇨   Adobe also notified the banks who process the payments for them so, they can work with payment card organization and the bank can protect customers' account information.

⇨   Adobe informed the federal law enforcement and abandoned the use of password hints.