



# ZOOM DATA BREACH 2020

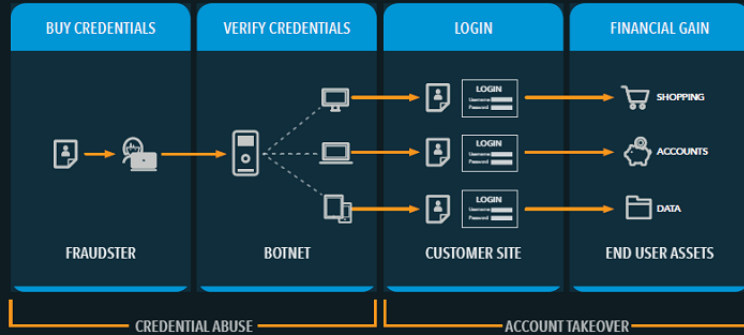
BY  
PRIYANKA MALLA



# INTRODUCTION

- Zoom Data Breach took place around April 1, 2020.

## CREDENTIAL ABUSE



## CREDENTIAL SHARING

## MOST AFFECTED VICTIMS







VICTIMS



# Internet's reaction



**Rebecca Jarvis** ✓  
@RebeccaJarvis

A zoom bombing during a zumping might be the worst



**mims** ✓ @mims · 16h

zoom breakups are called ... zumping

[theguardian.com/lifeandstyle/s...](https://theguardian.com/lifeandstyle/s...)

11:44 PM · Apr 13, 2020 · [Twitter for iPhone](#)



**Luke Perraton**  
@LukePerraton



Replying to [@BecGilroyPod](#) and [@CyliePaedspod](#)

Kids and pets doing cameos in zoom meetings - zoom bombing. Everybody pretends it didn't happen, but secretly hopes they'll come back

12:21 PM · Mar 12, 2020 · [Twitter for iPhone](#)



# How users become vulnerability

## Boris Johnson sparks security concerns after revealing Zoom ID for Cabinet meeting

 **Comment**



**Emma Brazell**

Tuesday 31 Mar 2020 11:09 pm



**2.3k**  
SHARES



The prime minister exposed the Cabinet's Zoom meeting ID today (Picture: Pippa Fowles / 10 Downing Street)

**Boris Johnson** raised security concerns on Tuesday when he tweeted a picture of a virtual cabinet meeting but did not remove the meeting ID number.

# SOURCE OF THE BREACH

- By Credential Stuffing.
- Main type of target here were people who used same username and password for various applications.
- Hackers test the credentials using automation tools such as Selenium, cURL, and PhantomJS.
- Users information is sold on dark web, once been added to the list.





# MITIGATION STEPS FOR ADDRESSING THE BREACH

- Three mitigation steps were taken by zoom to prevent data loss in the future named as: Preventative Mitigation, Detective Mitigation and

PREVENTATIVE  
MITIGATION

TAKING ALL THE PRECAUTIONS.

DETECTIVE MITIGATION

MEASURES SUCH AS CHECKING ACCOUNT, DATA EXFILTRATION.

CORRECTIVE MITIGATION

CORRECTIVE MEASURES AFTER BREACH TAKES PLACE.

# PREVENTIONS FOR INITIAL COMPROMISE



## TWO FACTOR AUTHENTICATION





STRONG PASSWORDS

4ET%1ge6



1234



# When did this happen?

April 2020 during covid lockdowns

Zoom accounts found in dark web for as low as \$0.2

## ***‘Zoombombing’ Becomes a Dangerous Organized Effort***

Zoom, the videoconferencing app, has become a target for harassment and abuse coordinated in private off-platform chats.

**By Taylor Lorenz and Davey Alba**

Published April 3, 2020   Updated April 7, 2020





## LESSONS LEARNED

shutterstock.com · 337903832

- Use strong passwords
- Apply password strategy
- Frequently change passwords
- Report suspicions
- Two factor authentication

The background is a dark, textured surface covered with a complex, glowing blue circuit board pattern. The lines of the circuit are intricate and vary in thickness, creating a sense of depth and movement. The word "QUESTIONS?" is written in a bold, red, sans-serif font, centered horizontally and slightly above the vertical center. The text is slightly transparent, allowing the circuit pattern to be seen through it. The overall aesthetic is high-tech and futuristic.

QUESTIONS?



THANK YOU

Email



Password \$ @ & % \* ! ?

**STAY  
ALERT**

