

**4th September 2021
4:00 PM Onwards**



Vivekananda Institute of Professional Studies

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ACE-HOURS

A Friendly Hacker's Perspective

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[br0wnboi@acehour]~: ./title
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> From a Friendly Hacker's Perspective

- > Mandatory Introduction
- > Myths around Hacking
- > Cybercrime and Scams
- > Relation to Ethical Hacking
- > What are CTF's and how to play
- > QnA



[br0wnboi@acehour]~: ./important-info

This presentation can be
found at

<https://github.com/br0wnboi/ace-hour>



[br0wnboi@acehour]~: ./introduction

- > Vice President by Day, Hacker by Night
- > Hacking Instructor
- > CTF Player
- > Pretend to live in the New Zealand time zone
- > The tech-support to my family and friends
- > Avid Linux fanboy
- > More lazy things at *brownboi.tech*



Thank you Prabhat for the fanart

[br0wnboi@acehour]~: ./hacking-myths

> I asked some of you to ask me questions about hacking, here's what I got

Are bhai meri ek tuition m
ldki ti resham
Naam ki uski id password
dede

netflix, prime, steam, epic
premium accounts 😂

Wifi password hack Krna
sikha do bhaiya bss

how to hack facebook
account 2020 free

Microsoft xp mein gta 5
chala ke dikhaa 😂

If you guys had a
conversation with a hacker,
what would you ask them?

Type something...

Bhai instagram ki id hai ek

Ex ka insta hack kr do 😂😂

Vai tu to hacker hehe meri ex
account hack krle 😂

Heck kardo bhaiya mere ex
ka facebook heck karana hai

Hw 2 hack facebok

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[br0wnboi@acehour]~: ./hacking-myths --best-one
```

> And the winner of them all

Bhai tbh dede

[br0wnboi@acehour]~: ./cybercrimes

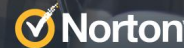
> Let's talk about the impact of Hacking and the lack of InfoSec Knowledge.

Despite a year of restrictions and lockdowns, cybercriminals were not deterred.

In the past 12 months:

Nearly **120 million Indian consumers** experienced cybercrime

1.3 billion hours were lost, with Indian consumers spending an average of **10.8 hours[†]** trying to resolve the issues created



[†] Average has been trimmed to remove outliers.
Based on an online survey of 1,000 adults in India, of which, 602 experienced cybercrime in the past 12 months. Conducted by The Harris Poll on behalf of NortonLifeLock, February 2021.
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[br0wnboi@acehour]~: ./cybercrimes

> Unsurprisingly COVID didn't make things any better here as well.



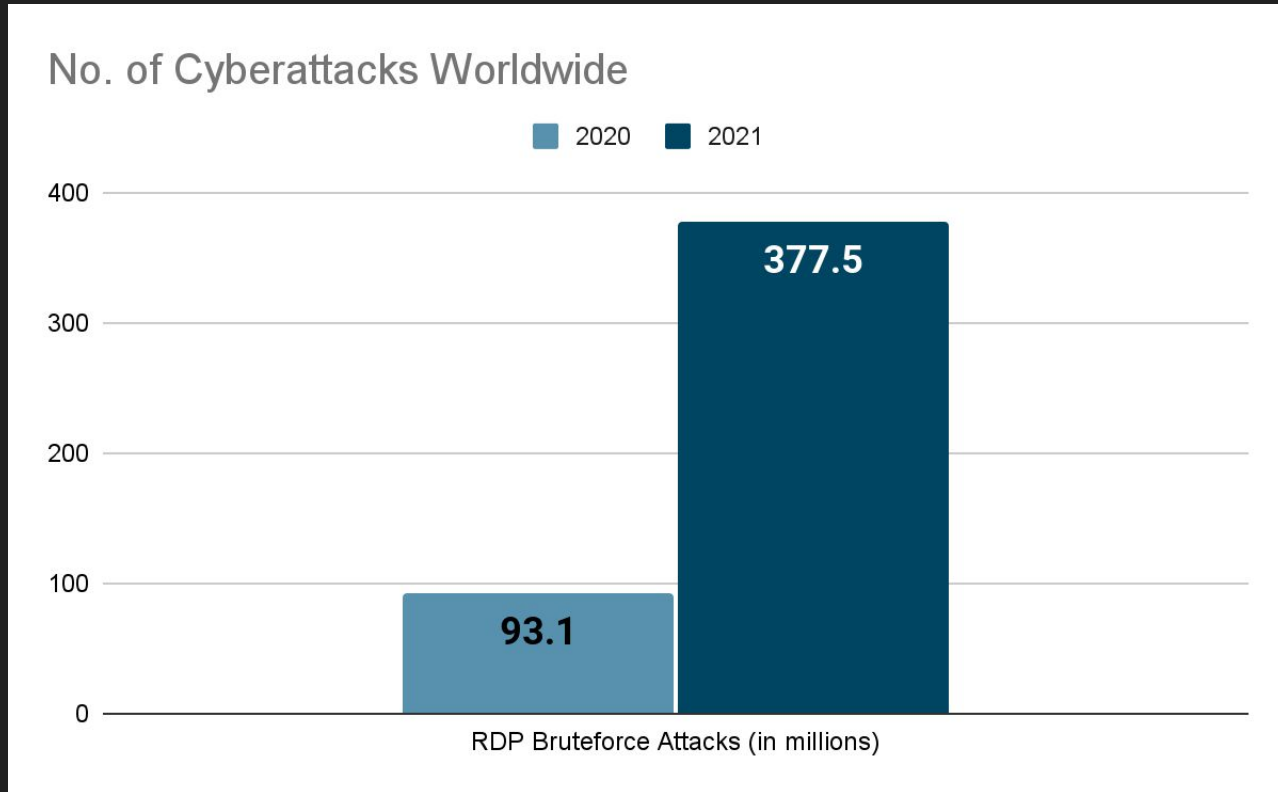
63% of consumers in India say they feel more vulnerable to cybercrime than before the COVID-19 pandemic began.

72% are spending more time online than ever before.

70% believe that remote work has made it much easier for hackers and cybercriminals to take advantage of people.

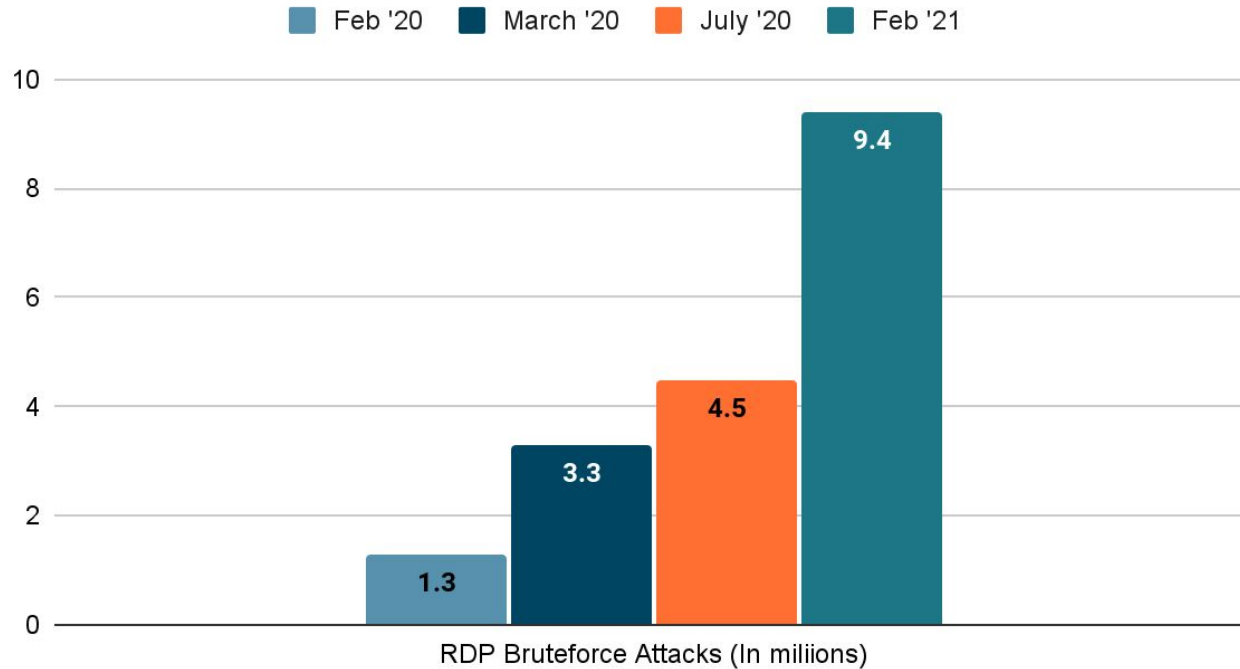
73% say they have taken more precautions online because they are concerned about cybercrime.


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[br0wnboi@acehour]~: ./cybercrimes --graphs
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[br0wnboi@acehour]~: ./cybercrimes --graphs

No. of Cyberattacks in India



[br0wnboi@acehour]~: ./cybercrimes --incidents



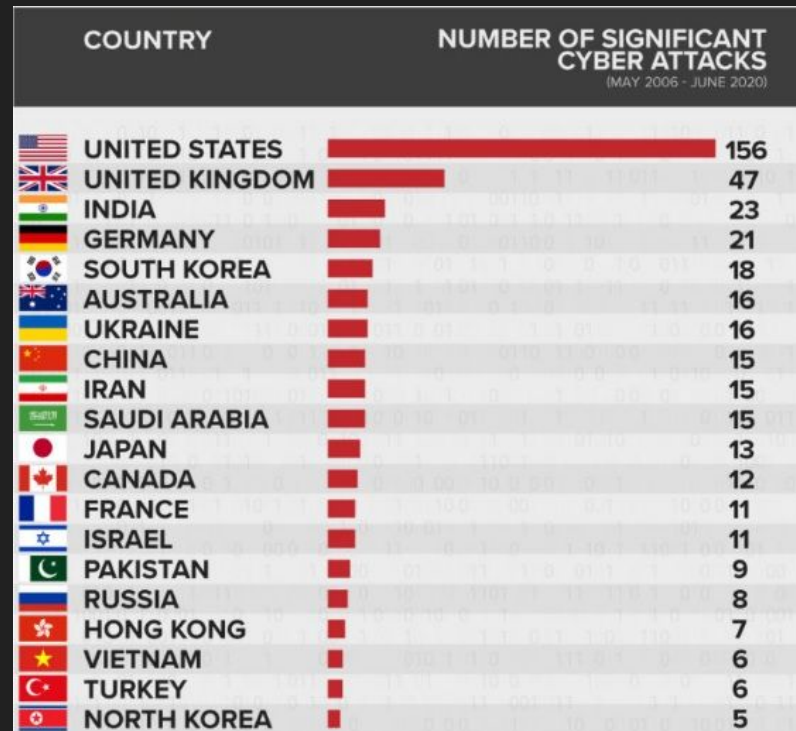
_snappy2k

Why hacker do this whyyyy!!!
Aaj mera discord hack hua
Kyu kiya 😡😡😡😡

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[br0wnboi@acehour]~: ./cybercrimes --modes
```

> Modus Operandi of recent scams found in the Indian Cybersecurity Landscape

- Remote Support/KYC
- E-Sim
- Malicious Video Calls
- Instant Loan Harassment Cases



[br0wnboi@acehour]~: ./cybercrimes --anecdote

> Story Time

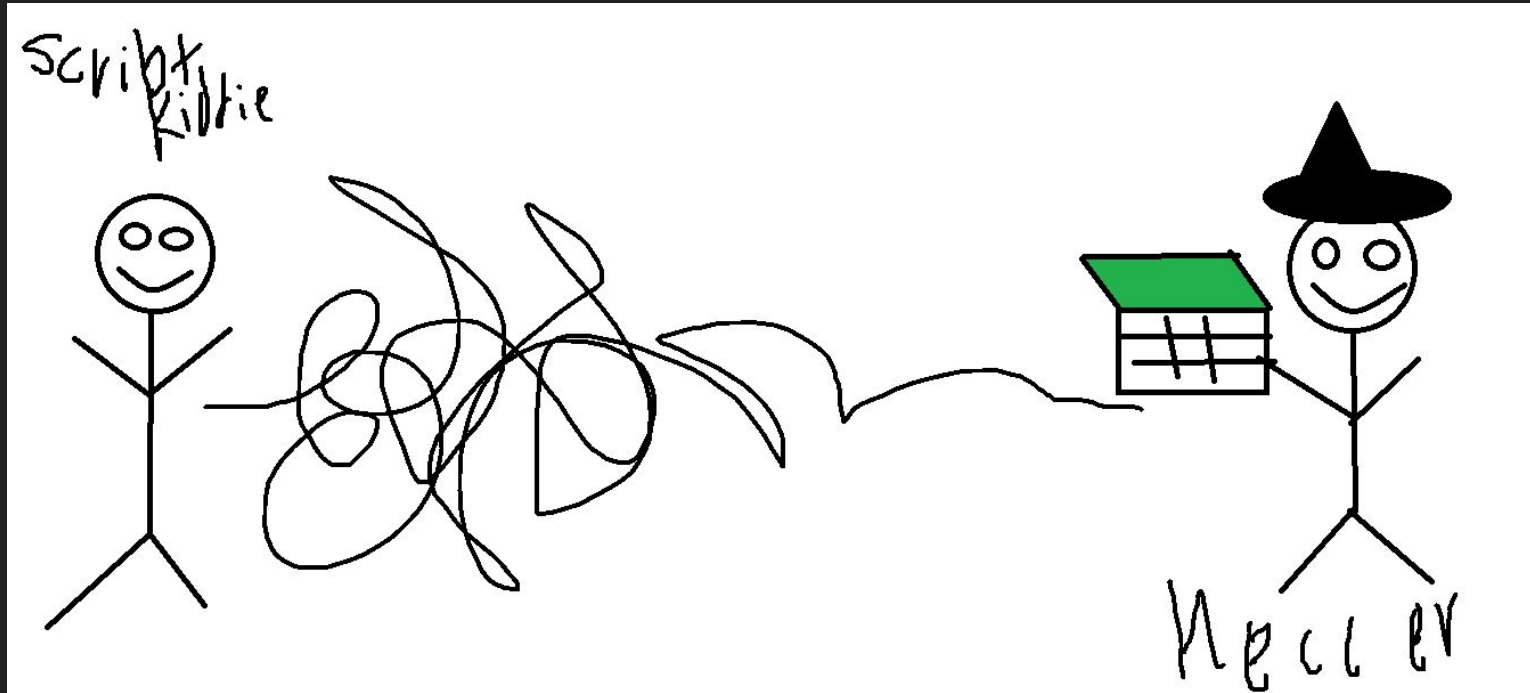



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[br0wnboi@acehour]~: ./ethical-hacking --help
```

> What does a Hacker do in an organisation?

- Work with Organisations to help fortify and secure their systems.
- Perform various tests including Penetration Assessment tests to provide insight on the security capabilities of the organisation.
- Create insightful reports and conveying the threat level accordingly.
- Help security policies for the said organisation.
- Work in tandem with Other departments like management and PR etc.

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[br0wnb0i@acehour]~: ./ethical-hacking --roadmap
```



[br0wnboi@acehour]~: ./ethical-hacking

> Now you know why Cybersecurity is important, but how do you start in it?. One way of the many is to get started in Ethical Hacking.

Things that you can start with if you wanna pwn.

- Computer Networking
 - LAN, WAN, WiFi, TCP/IP, Ports, DNS and a whole lot more.
- Linux
 - Basics, Terminal, Shell Scripting
- Cloud
- Virtualization
- Some Basic Programming Language/Scripting Language
- Understanding the Web and it's working

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[br0wnboi@acehour]~: ./ctf
```

Okay so I wanna be a Ethical Hacker, where do I start?

> CTF: Capture the Flag === Play Hacking Game, Have Fun, Learn

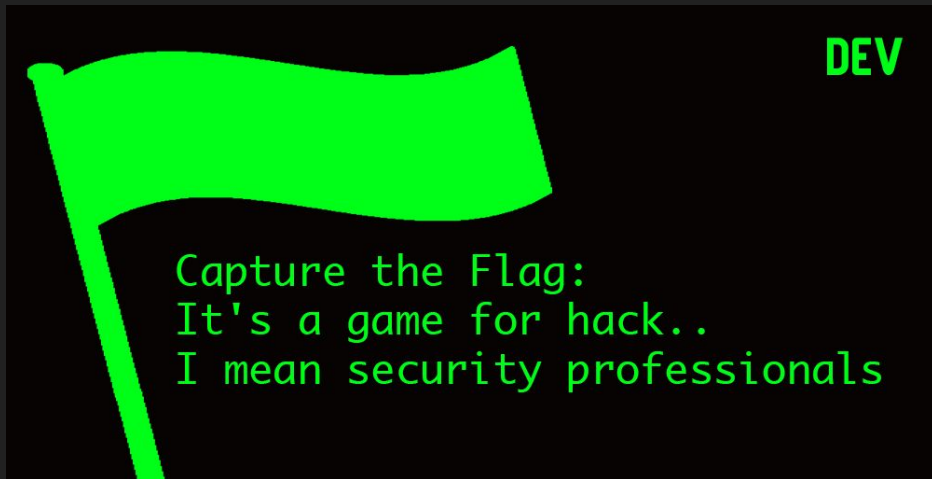
Capture the flag experience



```
[br0wnboi@acehour]~: ./ctf --help
```

What will you need?

- A (hopefully) working Computer
- Stable-ish Internet Connection
- Some way to run Linux reliably on it (Dual-Boot, VM, WSL)
- Take Notes (Use whatever feels good, pen-paper or MS-Word)
- Join a team if you can, helps a lot
- Patience, Lots of it trust me.
- Did I say Take Notes?
- Creativity (it's okay if you aren't Picasso, just think outside the box)
- Desire to learn?. Idk
- Don't forget to take notes




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[br0wnboi@acehour]~: ./ctf --help
```

CTF Resources

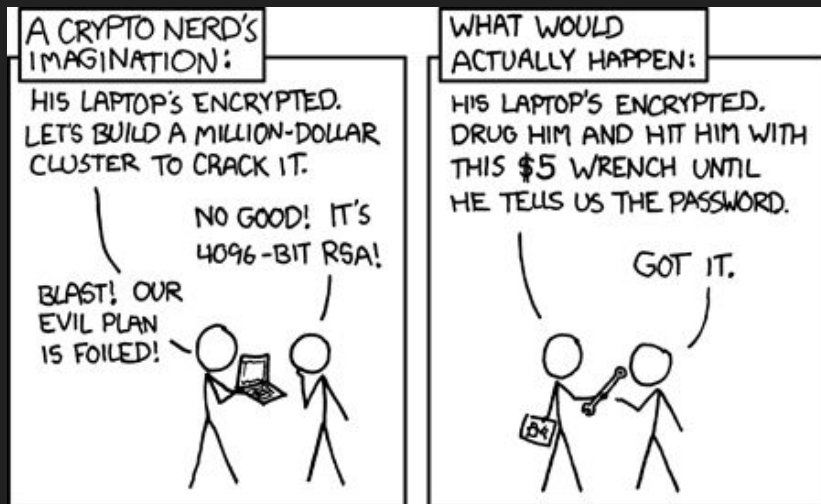
- PicoCTF
- TryHackMe
- Hackthebox
- Vulnhub
- Hacker101
- CTFTIME
- Porstswigger Academy
- Any Hacking Conference
- College Events
- Writeups



[br0wnboi@acehour]~: ./important-info --reminder

Everything can be found at

<https://github.com/br0wnboi/ace-hour>



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[br0wnboi@acehour]~: ./faq
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Congrats for making it till here! Here's a 🍪

Got questions?
Ask Away.

