

IDN HOMOGRAPH ATTACK

An IDN homograph attack is similar to another type of domain name spoofing known as typo squatting. Both techniques attempt to deceive users by using a new domain name that's similar to an established name, although they exploit different types of similarities.

IT Sections Applicable

IT Act Section 66 – Computer related offences

IT Act Section 66C – Punishment for Identity Theft

IT Act Section 66D – Punishment for cheating by personation using a computer resource

IPC Section 419/BNS 319 – Punishment for cheating by personation

IPC Section 420/BNS 318 – Cheating

Crackers replacing Letters & Characters to commit frauds.

SCRATCH CARD SCAM

A user receives a message with a link to a third-party website with a promise of winning guaranteed money. When the user clicks on the link, it redirects to a website with a scratch card mimicking the design of popular Pay Wallets scratch card.

IT Sections Applicable

IT Act Section 66 – Computer related offences

IT Act Section 66C – Punishment for Identity Theft

IT Act Section 66D – Punishment for cheating by personation using a computer resource

IPC Section 419/BNS 319 – Punishment for cheating by personation

IPC Section 420/BNS 318 – Cheating

Sharing sensitive Credentials will bring about losses that would be Substantial

SIM SWAP

A SIM swap scam (also known as port-out scam, SIM splitting, Smishing and sim jacking, SIM swapping) is a type of account takeover fraud. The fraud exploits a mobile phone service provider's ability to seamlessly port a telephone number to a device containing a different SIM. This feature is normally used when a customer has lost or had their phone stolen, or is switching service to a new phone.

IT Sections Applicable

IT Act Section 66 – Computer related offences

IT Act Section 66C – Punishment for Identity Theft

IT Act Section 66D – Punishment for cheating by personation using a computer resource

IPC Section 419/BNS 319 – Punishment for cheating by personation

IPC Section 420/BNS 318 – Cheating

Swapping of Sim could lead you to a situation thats Dim

CRYPTO JACKING

It is a type of cyber attack in which a hacker co-opts a target's computing power to illicitly mine crypto currency on the hacker's behalf. Crypto jacking can target individual consumers, massive institutions, and even industrial control systems. It slows down infected computers, as the mining process takes priority over other legitimate activities.

IT Sections Applicable

- | | |
|--------------------------------|--|
| IT Act Section 66 | – Computer related offences |
| IT Act Section 66C | – Punishment for Identity Theft |
| IT Act Section 66D | – Punishment for cheating by personation using a computer resource |
| IPC Section 419/BNS 319 | – Punishment for cheating by personation |
| IPC Section 420/BNS 318 | – Cheating |
- Section of Prevention of Money Laundering Act, 2002 (PMLA), may apply as per the facts of the case.**

Crypto jacking helps hackers in Money Making

VIDEO CONFERENCE SCAM

There has been a mass adaptation of online platforms to conduct meetings, online classes, conferences without giving much consideration to the security settings of these platforms. This has paved the way for cyber criminals to take advantage of loopholes for malicious purposes.

IT Sections Applicable

IT Act Section 66	- Computer related offences
IT Act Section 66C	- Punishment for Identity
IT Act Section 67	- Publishing or transmitting obscene content
IT Act Section 67A	- Publishing or transmitting sexually explicit acts or conduct
Theft	
IT Act Section 66D	- Punishment for cheating by personation using a computer resource (as per the facts of the case)
IPC Section 419/BNS 319	- Punishment for cheating by personation
IPC Section 420/BNS 318	- Cheating (as per the facts of the case)

Inference of who's attending such virtual Conference needs to made

KIDS MOBILE PHONE

Children are using devices at a younger age and it's a tricky situation for most parents since they do not want their child to come across adult, abusive, or violent content on the internet. Thus, it's important to consider setting controls on the devices they use. Responsible mobile phone use is about managing costs, sticking to family rules, keeping phones safe and being respectful.

IT Sections Applicable

If Gambling is involved:

The acts may attract Provisions of **IT Act Section 69A** for blocking illegal gambling websites.

The Public Gambling Act, 1867.

The Foreign Exchange Management Act, 1999 (FEMA).

The Lotteries Regulation Act of 1998.

A few States have made provisions for laws on Gambling.

Exceptions:

1. Horse racing is legal in India
2. Lottery system (in few States)
3. The Public Gambling Act of 1867 exempts skill-based games from the definition of gambling.

Online games may bring about losses, disrepute and shame

SMART HOMES

Smart-home devices hold a treasure trove of personal information, from your birth date to credit card details, that cyber criminals can steal via hacking if the devices lack robust protections to thwart attacks. They can then use the stolen data to launch targeted attacks to rope you into shady deals.

IT Sections Applicable

Digital outreach may lead to Privacy Breach

IPC Section 354/BNS 74 – Sexual harassment

IPC Section 354C/BNS 77 – Voyeurism

IPC Section 509/BNS 79 – Outraging modesty of women

IT Act Section 66 – Computer related offences

IT Act Section 66E – Punishment for violation of privacy

Digital outreach may lead to Privacy Breach

MICRO LOANS

Fly-by-night micro lending illegal app-based financiers are thriving. These moneylenders target younger customers who look for quick loans for consumption purposes. Those failing to pay up will have their photos shared in their family and workplace social media groups, a tactic that has driven many to desperation.

IT Sections Applicable

IPC Section 420/BNS 318	- Cheating
IPC Section 503/BNS 351/ 506/BNS 351	- Criminal Intimidation
IPC Section 383/BNS 308	- Extortion
IPC Section 306/BNS 108	- Abetment of Suicide
IPC Section 499/BNS 356 / 500/BNS 356	- Defamation
IPC Section 120B/BNS 61	- Criminal Conspiracy
IPC Section 34/BMS 3(5)	- Common Intention

Sections of Reserve Bank of India Act, 1934
(as per the facts of the case)

App based micro loans are Unsecured and the borrower becomes Insecure

BLUE SNARFING

It is a device hack performed when a wireless, Bluetooth-enabled device is in discoverable mode. Blue snarfing allows hackers to remotely access Bluetooth device data, such as a user's calendar, contact list, emails and text messages. This attack is perpetrated without the victim's knowledge.

IT Sections Applicable

- | | |
|--------------------------------|---|
| IT Act Section 66 | - Computer related offences |
| IT Act Section 66C | - Punishment for Identity Theft |
| IT Act Section 66D | - Punishment for cheating by personation using a computer resource (as per the facts of the case) |
| IPC Section 419/BNS 319 | - Punishment for cheating by personation |
| IPC Section 420/BNS 318 | - Cheating (as per the facts of the case) |

Hacker may use your Bluetooth to route your information and cause you blues

STOLEN PHONE

A stolen phone can leave you feeling helpless and scrambling. Mobile phones and the data they hold are very valuable to thieves. And for similar reasons – they hold so much important personal information of real and sentimental value – a theft can be a huge loss for the owner.

IT Sections Applicable

IPC Section 378/BNS 303/ 379/BNS 303 – Theft

This section deals with theft and covers the unlawful taking of movable property, including stolen phones.

IPC Section 406/BNS 316

This section pertains to criminal breach of trust.

IPC Section 411/BNS 317

This section deals with dishonestly receiving stolen property.

IT Act Section 66 – Computer related offences

IT Act Section 66 – This section addresses identity theft and unauthorized use of electronic signatures, passwords, or any other unique identification feature.

IT Act Section 66D – This section pertains to cheating by personation using computer resources.

Lost cell phone, it may affect your cells and hormone