

Cyberattack Trends

5 Common Types of Cyberattacks

1

Deepfakes

Deepfakes is the practice that involves the use of artificial intelligence to create fake images and sounds that seem to be real. Generally, Deepfake is used to impersonate politicians, CEOs, or celebrities to destroy their image. It can also be used to leverage the impact of such personalities on the public to serve the purposes of the hacker.

2

Cyberattacks on Cloud

Cloud has become the preeminent choice of businesses in modern times for various requirements in terms of compute, network, and storage resources. With the increasing use of clouds, threats have also increased. Misconfigured cloud environment and poor management have exposed the cloud resources to a number of external and internal threats.

3

Cyberattacks on Mobile

Cyberattacks in mobile devices and applications have seen a growth of 50% since 2018. This surge in mobile attacks indicates the inclination of cyberattackers towards infiltrating mobile systems. With the wide adoption of mobile-based banking activities, cyberattacks on mobile systems are prominently targeted for financial gains through the bank credentials of a user.

4

Vehicle Hacking

One of the most devastating applications of cyberattacks is the intrusion into the vehicle system. Apart from the self-driving cars which are an obvious target for hackers, most vehicles come with GPS devices, sensors, and in-car communication which can be hacked into and manipulated. The data collected from these devices can also be used for numerous malicious activities.

5

Health Crisis

The last decade has seen unprecedented growth in the use of medical equipment as "Internet of Medical Things" or IoMT such as pacemakers, defibrillators, and insulin pumps. These devices are connected to the internet and serve a crucial purpose for certain medical conditions. Cyberattacks on such devices are targeted on individuals or the whole organization.

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