A New Type of Phishing Attack

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Content

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In essence, a phishing attack is a kind of hack used by cybercriminals to trick victims into performing a certain activity. These emails are frequently sent in bulk with the intention of duping unwary persons into falling into their fraud.

Every day, a new type of phishing assault is launched against enterprises. Some feature the use of email and web pages, while others may entail the use of text messaging or even voice calls. These approaches are used in attacks to induce users to disclose personal or account data or to wire payments to phony accounts. Cybercrime economy is at an all-time high.

There are numerous forms of phishing schemes that attack organizations on a regular basis.

Phishing attacks span from traditional email phishing techniques to more creative methods like spear-phishing as well as smishing. They all have the same goal – to capture your personal information.

What are the different types of phishing attacks

A wide variety of people can be targeted by phishing attacks, depending on the attacker's goals. Anyone who has a PayPal account could be the target of an email scam like this.

In some cases, phishing can be a coordinated attack on a single individual. This type of communication is often personalized and contains information that only an associate would know. This data is typically obtained by an attacker after he or she has gained access to confidential information. Even the most vigilant recipients are at risk of falling victim to such an email. Ransomware is responsible for more than 97% of all scam emails, according to PhishMe Research.

What is spear phishing

A flounder, a bottom feeder, or a piece of trash can all be caught with a fishing pole. Spear phishing lets you zero in on a certain species of fish. Because of this, the creature was given its moniker.

For example, an IT administrator may be targeted via spear phishing, which is focused on a certain organization or type of person. The recipient's industry, the download link provided, and the time-sensitive nature of the request are all taken into consideration.

Domain spoofing

Domain spoofing is the next sort of phishing we'd like to discuss. Email or bogus websites are both used in this attack tactic. When a cybercriminal "spoofs" the domain of a firm or organization, they are committing domain spoofing.

appear to come from the legitimate domain in their email messages, or

mimic the look and feel of a legitimate website by employing comparable Urls or Character encodings characters that resemble the ASCII characters found on the genuine thing.

Exactly how do you think that's possible? As part of an encrypted message attack, hackers forge new email headers that appear to originate from a legitimate email account. Cybercriminals establish a fake website and use a domain name that appears to be authentic or very close to the original in a domain spoof.

What is whaling

Whaling, on the other hand, targets big businesses or corporations. The CEO, CFO, or just about any important individual in an enterprise or a single corporation is often the focus of these attacks. An email from a whaling company may claim that the firm is suffering legal ramifications and that you should click the link to find out more.

In order to access some information about the business, such as the taxation ID or bank account details, you must click on the link.

What is smishing

A type of assault known as smishing is one that employs SMS or text messaging to conduct the attack. Smishing is the practice of sending an SMS message to a recipient's phone that contains a link or a phone number that may be clicked on.

Smishing is a type of assault in which an SMS appears to be from your financial institution but is actually from a third party. If you receive this message, it means your accounts have been hacked and you must take urgent action. Your online banking information, social security number, and other personal information will be requested by the assailant. Your bank account is in the hands of the assailant once he or she has received the data.

What is vishing

The goal of a vishing operation is the same as that of other phishing attempts. Your critical personal or business information is still in the hands of the assailants. A voice call is used to carry out this attack. Thus, the "v" in the name, rather than the "ph," was chosen.

In a typical vishing attack, someone purporting to be a Microsoft representative calls. It appears that your computer has been infected with a virus, according to this person. A credit card number is then requested so that the attacker can update your computer's anti-virus software. Your credit card details are now in the hands of the attacker, and you may have installed malicious files as a result.

Anything from a financial Trojan to a botnet could be lurking in the software (short for robot). In order to collect additional information about you, the banking Trojan tracks everything you do online, including your passwords.

A bot is a piece of software that is programmed to carry out a hacker's instructions. C&C is used to mine data, send spam, or execute a distributed denial-of-service DDoS attack on the network.

What is email phishing

When it comes to phishing, email is by far the most popular method. These emails are sent by hackers to as many people as they can get their hands on. Your account has been hacked and a link is supplied in the email informing you of this. Spelling and grammatical faults are common in these attacks, making them easier to identify.

It can be difficult to spot phishing emails when they are written in a formal or formalized style. You can tell if the email is coming from a trustworthy source by looking for any suspicious wording in the email or the link it contains.

Another phishing fraud is when a hacker delivers you a mail that appears to be from you, but is actually being sent by a hacker. He claims to have accessibility to both your email and computer accounts, according to the hacking group. They say they have your username and password, as well as a video recording of you.

They allege that while the webcam was on and recording, you were using your computer to watch explicit films. Unless you pay them, who normally accept Bitcoin as payment, they'll show the film to your loved ones and/or coworkers.

What is search engine phishing

An SEO Trojan is an attempt by hackers to rank highly on search engine results pages. You'll be taken to the hacker's website if you click on the link that appears in the search results. When you engage with the site or enter sensitive data, threat actors have access to that information. Banking, money transfers, social networking, and shopping sites are the most likely targets of hackers.