

# TREAT OR TRICK

When it comes to engaging on the Internet, all is not as it seems

## TREAT

Deliver better site functionality by incorporating third-party plug-ins

## TRICK

Widespread online card theft<sup>1</sup>



Massive digital credit card-skimming campaign using compromised third-party plug-ins over **800** e-commerce sites around the world making it likely bigger than any other credit card breach.



In some cases, compromising one third-party plug-in supplier gave them **10,000** victims instantly.

## TREAT

Battery-saving app

## TRICK

Excessive permissions unlock a dark side<sup>2</sup>



Google Play Store app

The functionality of the ad-clicker is hidden with the rest of the battery saver code. While seemingly harmless, the ad-clicker also steals information from the phone, including phone numbers, phone type/brand/model, location, and more.

## TREAT

Shopping online

## TRICK

You could be purchasing more than you bargained for<sup>3</sup>



Make targeted changes to JavaScript on high profile sites to steal credit card details. In the case of Newegg, an additional 15 lines of code was all that was needed to steal card details at time of purchase. Alexa shows that **Newegg is the 161st most popular site in the U.S.**

## TREAT

An offer you can't refuse

## TRICK

This scam doesn't let the victim leave the page<sup>4</sup>

For-loop alerts and a function called 'openMultipleTabs,' keeps the victim glued to the web page.



## TREAT

Cryptocurrency investment sites

## TRICK

"Lose your investment" sites<sup>5</sup>



Cybercriminals use messages on social media and posts on forums to direct users to illegitimate clones of Bitcoin wallet sites where they steal your credentials to gain access to your wallet.



## TREAT

Your favorite online content

## TRICK

Cryptocurrency miners that siphon your machine's CPUs and affect it performance<sup>6</sup>



Fundstrat reported that the cost of mining a single Bitcoin reached about **\$8,038**.



An upwards of **50,000** total websites have been observed using Coinhive, the most popular cryptocoin, in the past year.