www.isea.gov.in

www.InfoSec awareness.in

! Beware !

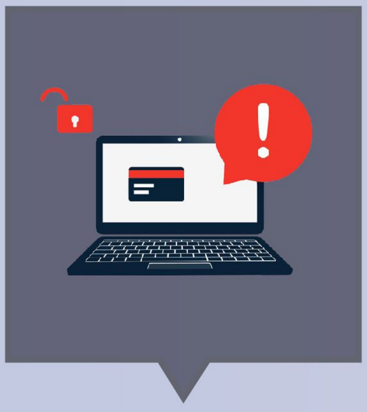
Android Online Banking Trojan SOVA

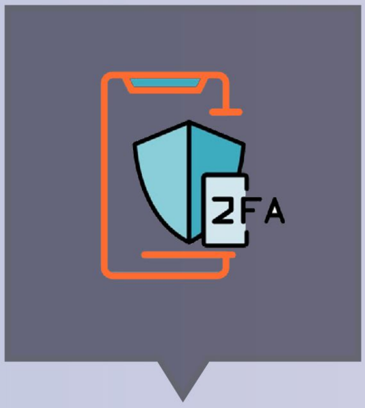
A mobile banking malware is targeting the customers in Indian cyberspace using SOVA android Trojan with the ability to harvest credentials (usernames and passwords) for ransom.

The malware hides itself within fake android applications displaying logos of legitimate applications like Amazon and Google Chrome to deceive users into installing them.

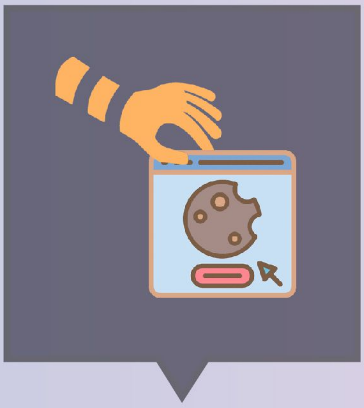
The SOVA Trojan upgraded its capabilities to target nearly 200 mobile applications, including banking apps, crypto exchanges and wallets.

Dangers of the Trojan

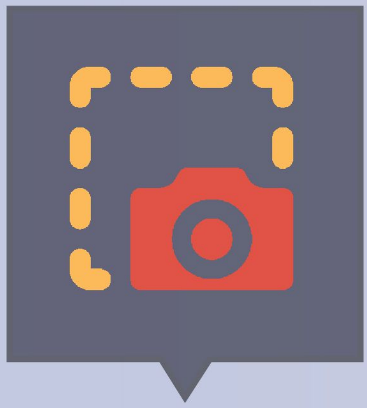

Captures the credentials of net banking apps and access bank accounts

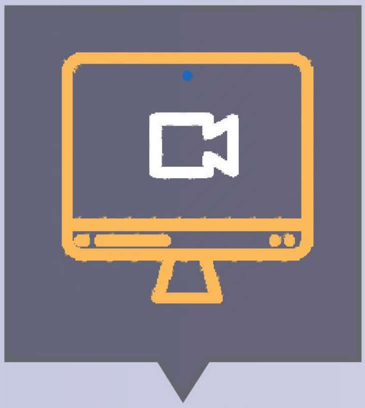


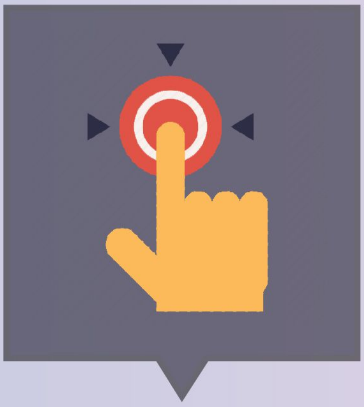
Intercept two-factor authentication codes


Steal cookies

Capture keystrokes


Takes screenshots


Records video


Perform gestures like screen click, swipe etc

May lead to large-scale financial frauds

Modus Operandi

Trojan will be installed /distributed via message

Send details of applications installed on the device

Communicate with command and control server

Advisory

Download applications only from trusted sources like legitimate websites or authorized app store

Avoid downloading apps from SMS, APIs, social media messages, or by clicking advertisements

Be cautious about allowing any permissions during the installation of the applications

Properly verify the app details in the developer's website before downloading it

Avoid installing mobile applications that have typo graphical/ grammatical mistakes in its descriptions

Pay attention to reviews and comments of the users, before installing any applications

Use a trusted anti-virus software for mobile security to stay safe from android malware

https://www.infosecawareness.in/article/be-aware-of-android-online-banking-trojan-sova

Report incidents related to cyber frauds on www.cybercrime.gov.in or call on 1930

Programme by : Ministry of Electronics & Information Technology(MeitY), Govt. of India

Supported by : Ministry of Home Affairs (MHA), Govt. of India

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