

ISP Privacy

BRCK "SupaBRCK"

Chameleon RFID/NFC Emulator

LastPass Hack

TouchPoint Website Refresh



TOUCHPOINT
INTERNATIONAL DEVELOPMENT GROUP, INC

A Bi-Monthly Snapshot into Emerging Threats and Trends

Digital Update



current topics >>>

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- Lifehacker
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- [Microsoft Does Users Unwittingly Shared Sensitive Documents Publicly](#)
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- [Smart TV Hack Embeds Code Into Broadcast Signal—No Access Required](#)
- Ars Technica



New ISP Privacy Ruling

What You Need to Know

This past week, legislators rolled back some consumer protections that regulated Internet Service Providers (ISPs). Under the new rules, ISPs are allowed to monetize data collected from your internet usage. What does this actually mean for you?

Because they handle all the traffic originating in your home, ISPs have an extreme level of access. Though sites like Google and Facebook have sold your online activity for years, these services are largely limited in collecting the things you do at that site or after a cookie has been placed on your computer by that site. The ISPs (Comcast, TWC, Verizon, etc.) don't have to put a cookie on your computer because all of your traffic is already routed through their servers.

This means that your ISP can find out information about you based on your browsing habits. This information can then be compiled and sold to advertisers. This has massive privacy implications because the data your ISP has is tied directly to your name. When you signed up for service you also gave your ISP your credit information and your home address. So what can you do to protect yourself?

- ♦ **Use HTTPS Everywhere.** This plugin from the Electronic Frontier Foundation is available for Chrome, Firefox, Opera, and for Android mobile devices. This add-on forces an encrypted connection to sites that are capable of providing one. This is an extremely strong layer of protection. To download HTTPS Everywhere visit <https://www.eff.org/https-everywhere>
- ♦ **Use a Virtual Private Network.** Using a Virtual Private Network (VPN) has never been more important. HTTPS Everywhere encrypts some of your traffic, but not all of it. A VPN will encrypt all of the traffic exiting your device, back to a remote server. This also has the benefit of obscuring your physical location and IP address. We recommend using Private Internet Access. We have written about Private Internet Access before, and currently have an exclusive **25% discount on annual subscriptions** (email admin@tpidg.us for the link). If you still don't have a VPN, don't wait any longer!

set the stage >>>

The “SupaBRCK”

The updated BRCK is finally here! Now being called the SupaBRCK, the new and improved BRCK is completely weather resistant and boasts a lot of cool new features including 5 TB of hard-drive space, redundant connectivity options which includes 3 sim card slots and a 10-hour battery. The SupaBRCK is now being marketed towards enterprises rather than individuals, but individuals can still use the BRCK just the same as always. With that being said, the price of the BRCK has been increased by more than double, so it's not nearly as affordable as what it once was, but with all of the added features it definitely seems worth it.

The SupaBRCK is not for sale just yet, but will be very shortly. Touchpoint IDG is actively talking with the developers and we are trying to work out a reseller agreement. For additional info or questions, contact admin@tpidg.us.



The easy button >>>



Upcoming Events:

Law Enforcement Intelligence Units

May 1-5 2017, Bloomington, MN

Associated Locksmiths of America Expo

June 16-22 2017, Rosemont, IL

National Technical Investigators' Association (NATIA) Annual Conference

July 12-23 2017, Tampa, FL

BlackHat USA

July 22-27 2017, Las Vegas, NV

ChameleonMini RFID Emulator

The ChameleonMini is a RFID/NFC emulator that can hold information of up to eight contactless cards. It's form factor is slightly bigger than a contactless card and has a battery making it very portable and easy to conceal. Currently, the ChameleonMini is under active development by the open source community and has limited features. Right now, there are no point and click solutions (other than some Python scripts) implemented that would make it easy to use, so it's really only recommended for developers who know what they're doing at this point in time.

The ChameleonMini has the ability to read ISO/IEC 14443A cards that operate at the 13.56 MHz frequency and most of the functions are aimed at MiFare cards in particular, but other cards are supported and even the Yubikey NEO can be read with the ChameleonMini. Right now some basic functions such as GETUID, which reads the UID of a card in range, are implemented, but the ChameleonMini is capable of much more. It can read cards, emulate cards and sniff traffic between a card and a reader.

The ChameleonMini is a fairly new device and is actively under development, so new functions and features are added frequently. If a feature is not available now, it could be added in the future. The best way to suggest new features is to open an issue or pull request on their Github page. Touchpoint IDG actively contributes to this project and we are in contact with the creators. As the development of this device continues, we will continue to update you with major upgrades to the device.

TouchPoint is a dealer of the ChameleonMini. For purchasing, additional info, or questions contact admin@tpidg.us.



TouchPoint News

Training Calendar & Website Refresh

TPIDG.US SITE REFRESH

Touchpoint is continuing to improve our resources to provide our customers with the best possible support. We have recently made improvements to our website by adding a News page and Store page.

On the News page, we are going to post upcoming open-enrollment, Police, and EMS courses that have space available and new courses that we have developed. We will also add important news that should be delivered to the community immediately.

On the Store page, we will continue to add links for the companies that we partner with and instructions on how to make purchases.

If there are other things you want to see that can help you and your organization please let us know.

TOUCHPOINT TRAINING CALENDAR

We currently have space available on our training calendar for July through December, 2017. Email us at admin@tpidg.us as soon as possible to schedule your training dates.



coming soon >>>

In Future Issues...

Internet Browser Comparison

⇒ *Chrome, Firefox, Opera*

⇒ *Mobile Browsers*

Firefox Setup Review

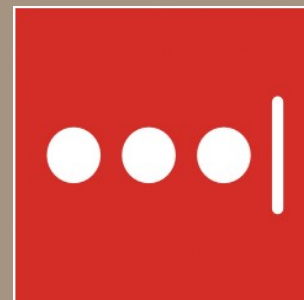
Browser Extensions

MAJOR LASTPASS VULNERABILITY

If you are a user of the popular cloud-based password manager, LastPass, you should take note of the recent vulnerabilities discovered in LastPass.

There have been several problems discovered in the past couple of weeks. Most deal with the various LastPass browser extensions and these vulnerabilities make it possible for hackers to discover users' passwords.

Additional vulnerabilities were discovered with the LastPass binary (the desktop application). These are much more serious and affect the architecture of the program. They could allow an attacker to gain administrator access to the computer.



So how do you protect yourself from these hacks? First, update the program immediately! LastPass hasn't issued a final fix for this issue but one is on the way. Next, we strongly recommend you move to a password manager that stores your data locally ONLY. Our recommendation is the KeePass family of password managers.

If you would like to see a specific product or service reviewed in the Digital Update, please don't hesitate to get in touch. We are always looking to make content as relevant as possible for our readers. You can reach out to us through TPIDG.us or email directly to admin@tpidg.us.