

Sun City Computer Club

Cyber Security SIG

September 20, 2018



Is your credit card number in a hacker's database?

You can easily find out now! All you need to do is enter its information here and we will scan thousands of hacker databases to see if any they have match yours.

Credit Card Number:

Expiration Date:

Your Zip Code:



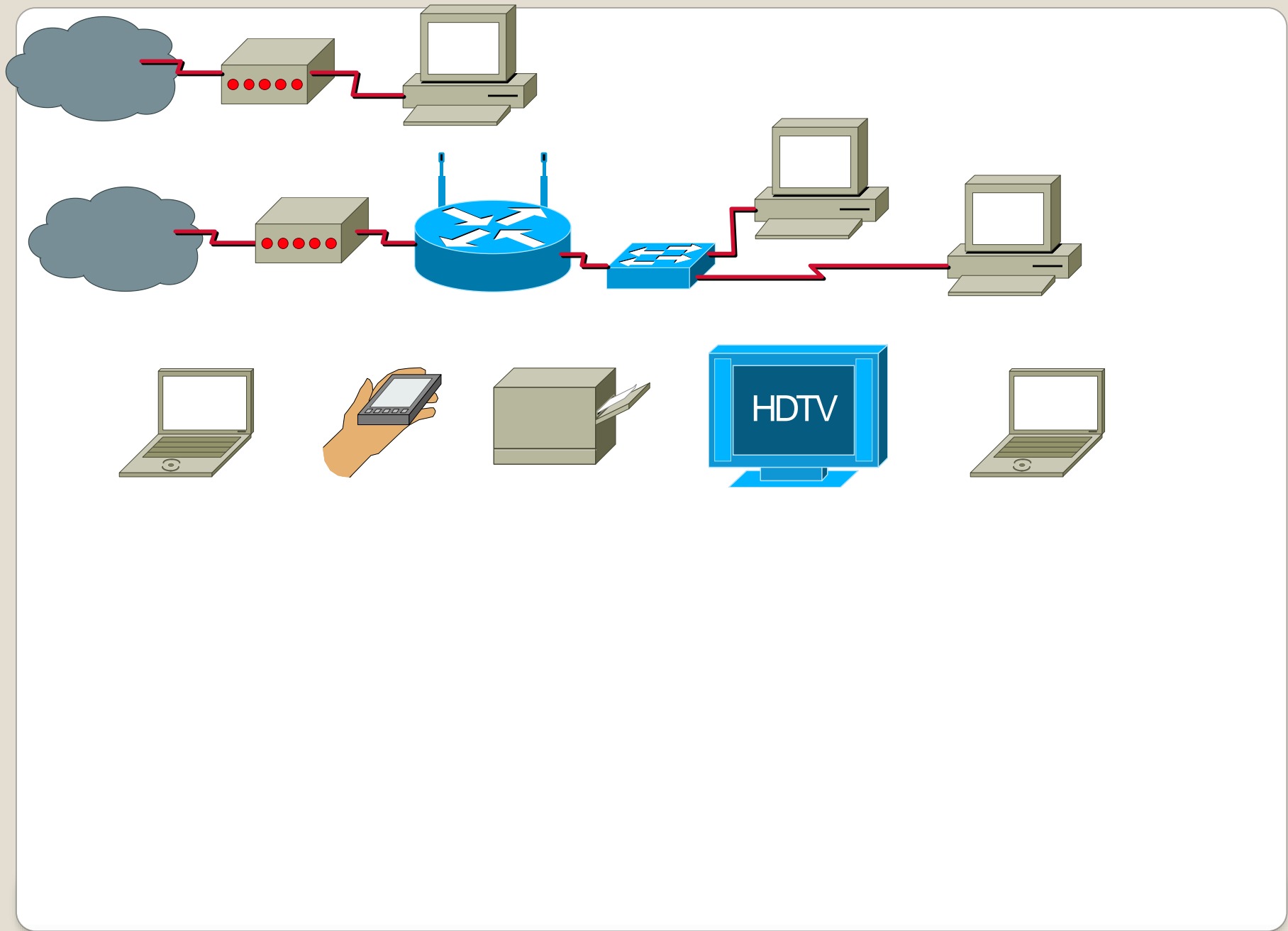
SCAN DATABASE

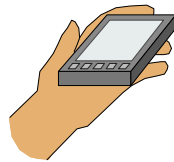
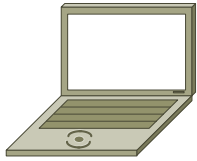
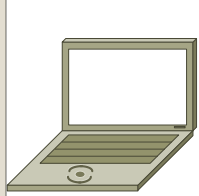
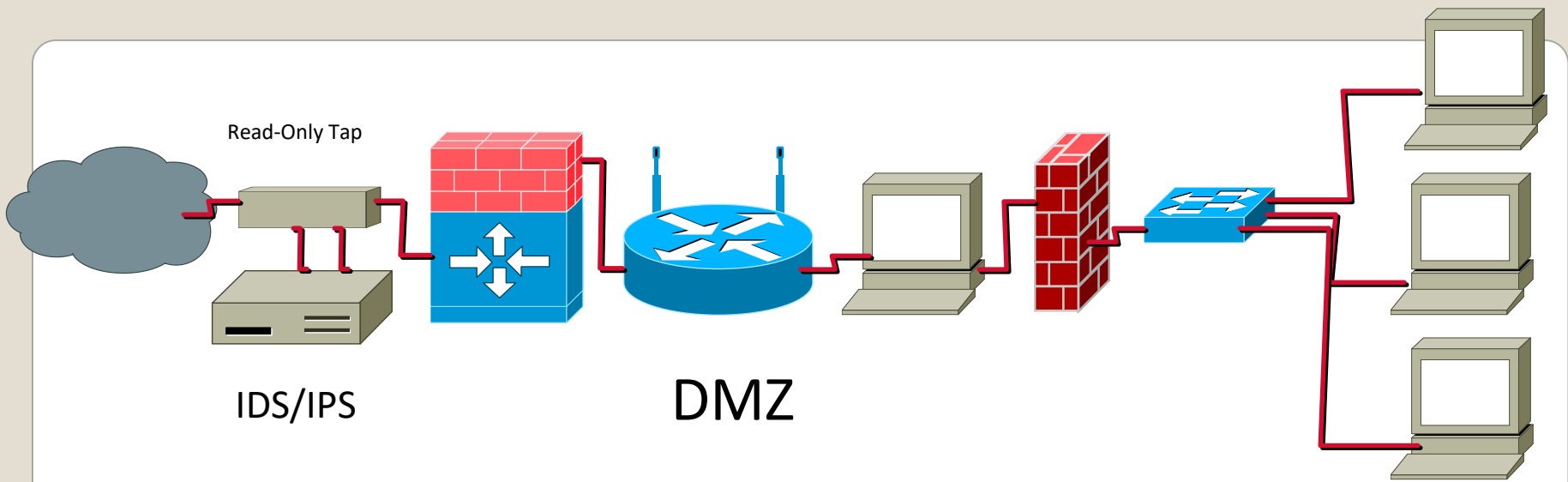
- Safer not Safe
- E-postcard not e-mail
- ADMINISTRATOR
- Passphrases not passwords
- Radio not wireless

Vocabulary

- Router & Printer firmware update
- Safe enough
- Age does NOT diminish cognitive ability
- Life, Liberty, Pursuit of Happiness
 - Computer Club
 - Computer Club SIGs
 - Cyber Security Blog
 - Internet

- Do nothing no problem
 <most of us>
- Do everything - catastrophic





Wireless



- WPA3
 - Simultaneous Authentication of Equals
 - PSK KRACK
 - 192-bit protocol
 - Forward secrecy
- Easy Connect QR code for public key
- Enhanced Open

Current Issues

- MacOS Mojave iOS 12
 - Safari limits browser fingerprinting and cross-site tracking
 - Camera, microphone, backup permission
 - Password reuse warning
 - 2 factor codes auto-filled
 - USB restricted mode
- Apache STRUTS Equifax revisit
- Android Wi-Fi broadcast
- GDPR 1000+ US News sites

Current Issues

- Misfortune cookie
 - Medical devices and gateways
 - SOHO routers
- Magneto credit card skimmer
- CVE system overwhelmed
- Major browser updates got yours?
- Chrome www
- Presidential alert test Oct 3 14:18 EDT
- California IoT bill

Current Issues

- Safari ripper
- DDoS attack size increase 5x
- Windows patching
- Edge warning

Current Issues

- Physical world vendor tracking
- Browser not much defense
- 60% of load time/traffic is tracking
- Developers use many many techniques
- Connectionless protocol
- Analytics

Tracking

New Tab



2,994

Trackers Blocked

1,336

Ads Blocked

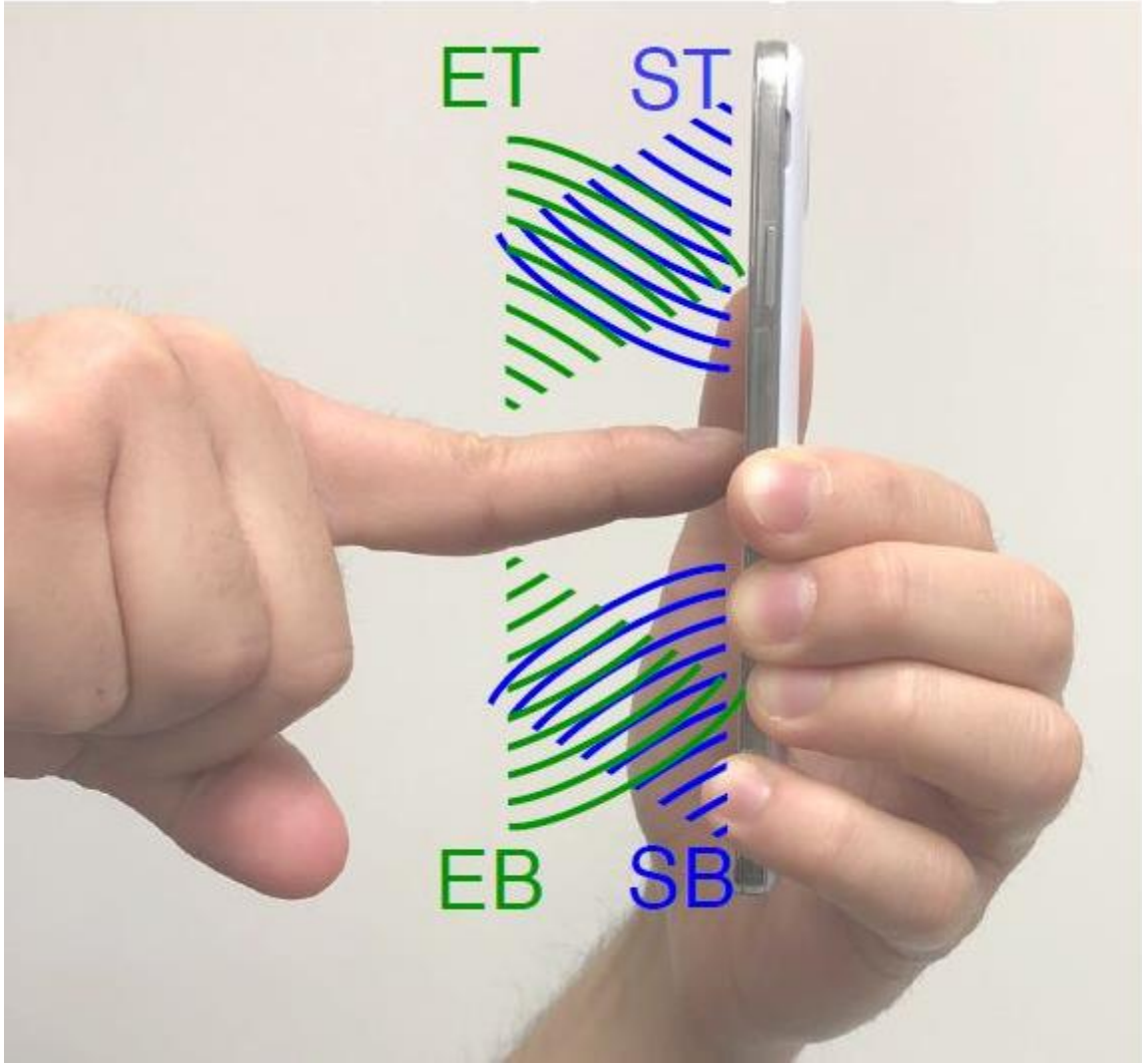
87

HTTPS Upgrades

4 minutes

Estimated Time Saved

Brave browser



- Tortoise and Hare
- Chicken Little

Computer Club, Help Center, SIGs,
Presentations

Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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