

Sun City Computer Club

Windows SIG

March 27, 2018

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

Vocabulary

- <http://sctxwindows.com/>





Notes from previous sessions



- Facebook data download Your data
- Facebook Russia Interference
Help -> Russia Interference

Current Issues


 [russia interference](#)

 [Return to Facebook](#)

[Managing Your Account](#)

[Privacy and Safety](#)

[Policies and Reporting](#)

 [Support Inbox](#)

What is our action plan against foreign interference?

[Computer Help](#) [Mobile Help](#) ▾

 [Share Article](#)

We've taken down fake accounts and Pages created by foreign actors attempting to interfere in the 2016 US Elections. Log into Facebook on a computer to [check to see if you liked or followed](#) a Facebook Page or Instagram account created by the Internet Research Agency - the organization associated with these accounts and Pages.

- US Government to take pictures of every first class mail item to be delivered to your postal box AND un-encrypted email of those images to whomever registers first
- Follow up letter addressed to you or "Current Resident"
- Security questions from public records
- Prescription drugs, brokerage statements, new credit cards, etc.

USPS Informed Delivery

Informed Delivery FAQs

Solution

Privacy/Security Concerns

How can I be sure that notification emails are from USPS® and not spam?

All emails from the Postal Service® originate from our mail system and the contents are strictly images of the mailpieces associated with your delivery address or notifications for packages arriving soon. Email messages will be sent from USPSInformedDelivery@usps.gov to the email associated with an Informed Delivery user's *usps.com*® profile.

How secure is Informed Delivery®? Should I be concerned about my privacy?

The Postal Service® takes the privacy of customers' mail very seriously and takes measures to ensure that all personal information is protected. Because Informed Delivery gives you increased visibility into both mail and packages being delivered to your address, USPS® follows industry best practices to verify your identity, including the use of a mail-based verification letter.

- The scanned mail images are of the external markings, showing only the exterior, address side of letter-size mailpieces. Package notifications do not include images, only information on the delivery status of the package.
- Your mail is protected by the U.S. Postal Inspection Service®, whose sole mandate is to safeguard the entire Postal Service® system, including the employees who deliver and process the mail and millions of customers who use it.
- The Postal Service adheres to the privacy requirements of the Privacy Act established by the federal government which controls when and how the USPS shares personal information and limits the conditions in which that information can be disclosed externally to outside parties.

- Vlan separation Guest access WEB
- Firewall UPnP
- Bandwidth
- Data Cap
- Proprietary
- Voice commands
- Heat Power
- Firmware
- Updates
- Update Security

Cutting the Cord revisit

- Name resolution

Own name, Hosts file, NetBIOS, DNS

C:**Windows**\System32\drivers\etc**hosts file**

- Domain Name System

Distributed, hierarchical, caching database

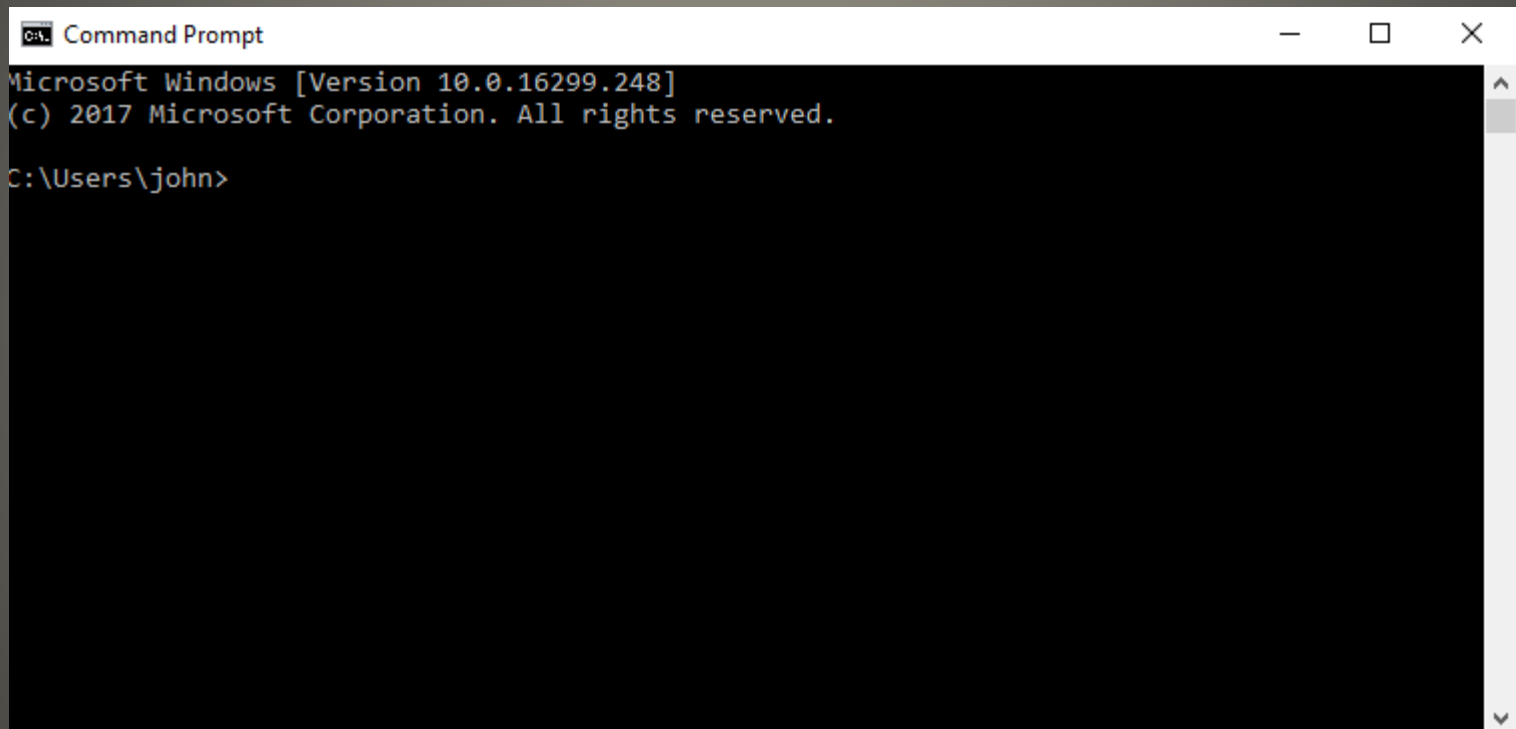
No authentication

- BGP

routing, No authentication

Journey to the Web site

- CMD in Windows Search Box

A screenshot of the Windows Command Prompt window. The title bar reads "Command Prompt". The window content shows the text: "Microsoft Windows [Version 10.0.16299.248]" followed by "(c) 2017 Microsoft Corporation. All rights reserved." and the command prompt "C:\Users\john>". The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
CA: Command Prompt
Microsoft Windows [Version 10.0.16299.248]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\john>
```

Command Prompt Window (Windows)

nslookup

- C:\Users\john>nslookup
161.170.244.20
- Server: Nonya
- Address: 192.168.1.1

- Name: www-origin.walmart.com
- Address: 161.170.244.20

hosts file

```
# Copyright (c) 1993-2009 Microsoft Corp.  
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.  
# This file contains the mappings of IP addresses to host names. Each  
# entry should be kept on an individual line. The IP address should  
# be placed in the first column followed by the corresponding host name  
161.170.244.20    Walmart.com
```

```
C:\Users\john>nslookup walmart.com  
Server: Nonya  
Address: 192.168.1.1
```

```
Non-authoritative answer:  
Name:    walmart.com  
Addresses: 161.170.248.20  
          161.170.244.20  
127.0.0.1    playboy.com
```

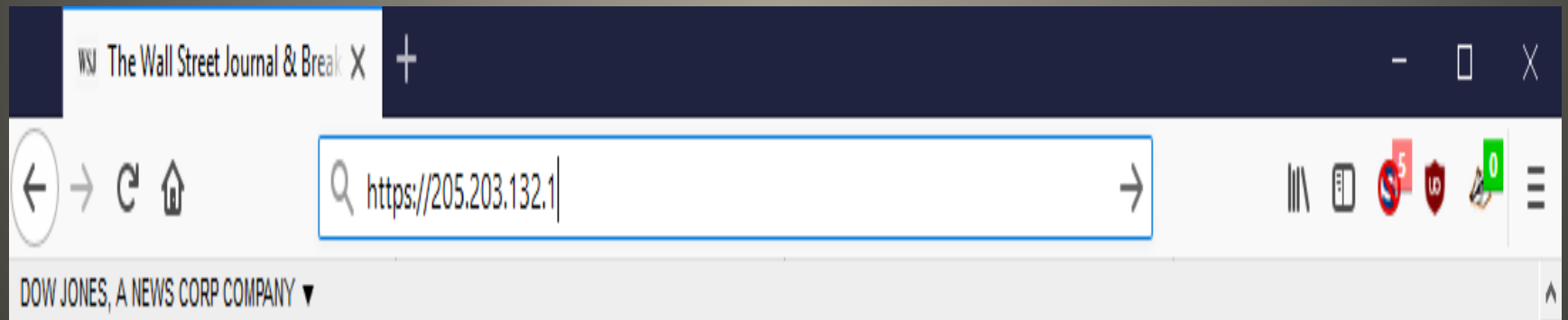
- Distributed Denial of Service
- DNS UDP
- Spoof
- Amplification
- IoT



DDOS

```
Command Prompt
C:\Users\john>nslookup wsj.com
Server:  dns.quad9.net
Address:  9.9.9.9

Non-authoritative answer:
Name:     wsj.com
Addresses: 205.203.132.1
           205.203.132.65
           205.203.140.65
           205.203.140.1
```



Find and Save IP Addresses

- Slow
- Slow on startup
- Crypto miner?
- “FBI” or other Popup
- Security Suite
- etc etc etc

Performance Issues

Improved for Windows 10

- Empty space taskbar
- Start Menu
- Search
- CTRL+Shift+Esc
- WINDOW + R
- taskmgr from CMD or PowerShell
- CTRL+ALT+DEL three finger salute

Windows 10 Task Manager

• Questions, suggestions, comments?

- Chicken Little
- Tortoise and hare
- Each of us safer, all of us safer