Worm Holes, Flying Cars and more

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What is WW3?

- ==It's just another sub-domain== - in the Domain Name System (DNS) hierarchy, a **subdomain** is a domain that is a part of another (main) domain

The WWW prefix

- Many hostnames used for the World Wide Web begin with ***www*** because of the long-standing practice of naming Internet hosts according to the services they provide. ==The hostname of a web server is often *www*==, in the same way that it may be *ftp* for an FTP server, and *news* or *nntp* for a Usenet news server. These host names appear as Domain Name System (DNS) or subdomain names, as in *www.example.com*

- The use of *www* is not required by any technical or policy standard and many web sites do not use it

- ==The popular use of *www* as subdomain was accidental==; the World Wide Web project page was intended to be published at www.cern.ch while info.cern.ch was intended to be the CERN home page, however the DNS records were never switched, and the practice of prepending *www* to an institution's website domain name was subsequently copied. Many established websites still use the prefix, or they employ other subdomain names such as *www2*, *secure* or *en* for special purposes. Many such web servers are set up so that both the main domain name (e.g., example.com) and the *www* subdomain (e.g., www.example.com) refer to the same site; others require one form or the other, or they may map to different web sites. ==The use of a subdomain name is useful for load balancing incoming web traffic== by creating a CNAME record that points to a cluster of web servers. Since, currently, only a subdomain can be used in a CNAME, the same result cannot be achieved by using the bare domain root.

How to verify websites?

- **Check the connection type**
  - "HTTP" or "HTTPS" tag. The "https" tag is more secure compared to "HTTP"
  - HTTPS is an absolute must on any page where you share your personal information, contact information, credit card numbers, etc.
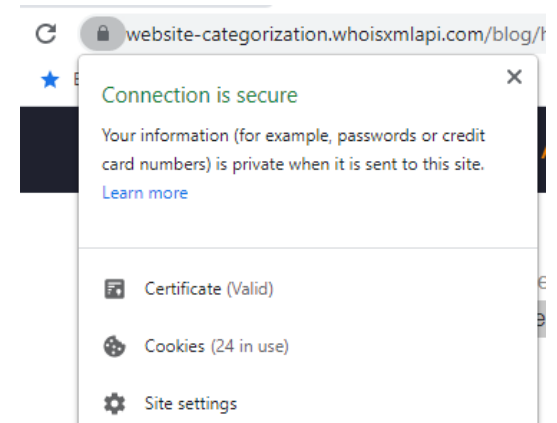
- **Check the site's security**
  - Click on the padlock icon in the address bar.

    This will display information about the site's connection security,

    the validity of its SSL certificate and the identity of its issuer.

- **Check the URL**
  - Look at the name of the domain. Does it contain any unusual symbols?

- **Check website content…**

How to verify websites?

- ## What is WOT?

How to delete unused email accounts?

- From '[How to Delete Old Email Addresses – Lifehacker](#)'
  - Why your old email accounts may need to be deleted
    - Email addresses are a weak link in cybersecurity. Even if you trust your provider, your email may be more vulnerable than you think.
  - Figure out what an old email address is attached to
    - Before you eliminate an old email, inventory the services that rely on it as a login credential.
  - Download your data from your out-of-use email accounts
    - Google offers a tool called [Takeout](#) that will let you carry off literally everything.
    - Then download your full list of contacts so you can import them to your new email address later.
  - Pick a new email provider
    - Import the old contacts and send them an introductory email alerting them about the change.
  - Delete the old email account
    - For Gmail accounts, head to Google's "[Delete Services](#)" page, which may require you to sign in. Then click the trash can icon next to Gmail; Google will walk you through the steps from there.
    - For Yahoo, [follow these instructions](#), and [take these steps to delete a Microsoft email address](#).

On giving businesses permission to take payments directly from my bank account

- A good resource:
  - [You have protections when it comes to automatic debit payments from your account](#) - covers
    - How do automatic debit payments work?
    - How are automatic debit payments different from bill-pay?
    - Be cautious about giving anyone your bank account information and authorization, and
    - You have protections – including the right to stop automatic payments

    - And it's always a good practice to 'Monitor your accounts' for unexpected withdraws

Apple's Privacy myth needs to end

USER IDENTIFICATION

1. iOS subliminally and constantly collects sensitive data and links it to hardware identifiers almost guaranteed to link to a real identity.

2. iOS forces users to activate devices which sets up a remote UUID-linked (also collecting registration IP) database for a given device with Apple's services.

3. iOS and iOS-based coprocessors force the regular sending of incredibly sensitive metadata to Apple for the mere ability to use the device for questionable and unknown reasons.

Apple's Privacy myth needs to end

PRIVACY POLICY IN PRACTICE IN REGARDS TO THE AUTHORITIES

Apple admitted to complying with 90% of government requests of accessing thousands of user files every year; **FBI openly praised them for providing "ample assistance"**. It therefore came as no surprise when a recent leak revealed that the company purposefully kept their phones less secure to make access easier for the authorities.

Apple's Privacy myth needs to end

PRIVACY POLICY IN PRACTICE IN REGARDS TO THE PRIVATE INDUSTRY

- Apple sells certificates to third-party developers that allow them to track users—**third-party developers are allowed to collect data on iOS.** Facebook's privacy scandal (interestingly, Apple themselves were one of the main partners buying data from Facebook) involved iOS users as well due to the mentioned tracking.

Apple's Privacy myth needs to end

LACK OF OPEN SOURCE CODE

Apple surrenders data to state authorities, allows third-party developers to collect data, has weak security measures (sometimes on purpose) and has had numerous suspicious activities discovered.

Not to mention the fact that Apple's verification mechanism is designed in such a way that they have the ability to "silently send targeted malicious updates to devices matching specific unique ID criteria".

iOS is a textbook example of why closed source is bad.

Apple's Privacy myth needs to end

IPHONES ARE NOT THE BEST ALTERNATIVE FOR DATA PRIVACY

==iPhones give no additional security and privacy from the government over Android phones==. They only do so in limited conditions that are inconsequential to this sub.

==It's not better out of the box==, nor is it the minute you want to improve your privacy and security beyond what you get out of the box (where iOS is terrible).

It is not the "lesser of evils"— <u>a myth that needs to die</u>.

What Is a Flying Car?

- Sebastian Thrun: Making flying cars a reality (2017)
  - (start :00-6:25)
- The Future Of Flying Cars (2019)
  - (start 2:39-5:09, 7:27-8:45, 12:01-13:13)

[Wormholes Explained – Breaking Spacetime](#) (start :39-8:08)

[Brutally Honest Noom Review & First Impression](link) | My Issues with Noom

- And another good resource:
  - [I GOT KICKED OUT! | Noom review from a dietitian & shocking experience with a Noom coach](link)

Grunt, the Curious Science of Humans at War by Mary Roach

- Tackles the science behind some of a soldier's most challenging adversaries—panic, exhaustion, heat, noise—and introduces us to the scientists who seek to conquer them.

- She answers questions not found in any other book on the military:
  - Why is DARPA interested in ducks?
  - How is a wedding gown like a bomb suit?
  - Why are shrimp more dangerous to sailors than sharks?
  - How can diarrhea can be a threat to national security?

So, why is DARPA interested in ducks?

- Interesting:
  - https://www.darpa.mil/attachments/DARAPA60_publication-no-ads.pdf
- But probably more relevant:
  - Study on Magnetic Compass Orientation in Birds Builds Case for Bio-Inspired Sensors

It's time to cut the cord on electric vehicles

- EVs can truly bring about a transportation revolution—but not if we charge them like gas-powered cars
  - The movement to electrify vehicles is now irreversible and stands to be among the largest public health and economic transformations in history
  - The breakthrough in ==wireless charging== is that fueling can be done automatically, and therefore, more frequently, more reliably, and without conscious effort
  - Intelligent automated charging enables every type of vehicle operator to adopt the en route "==grazing==" model of partial recharging done opportunistically and in the background
- It's time to cut the cord…

- ***READ MORE: Electric cars are coming, and gas stations will have to adjust***

Can a $110 Million Helmet Unlock the Secrets of the Mind?

Bryan Johnson, who made a fortune in online payment processing, has spent a lot of it building hardware meant to radically expand science's understanding of the brain's aging and effects on the body.

"To make progress on all the fronts that we need to as a society, we have to bring the brain online," says Bryan Johnson

Interesting man, interesting story…

The 'Flow'

Johnson eats once a day, first thing.

[Can Sea Water Desalination Save The World?](#) (13.5 min)

- Today, one out of three people don't have access to safe drinking water. And that's the result of many things, but one of them is that 96.5% of that water is found in our oceans. It's saturated with salt, and undrinkable. Most of the freshwater is locked away in glaciers or deep underground. Less than one percent of it is available to us. So why can't we just take all that seawater, filter out the salt, and have a nearly unlimited supply of clean, drinkable water?

[Finland Might Have Solved Nuclear Power's Biggest Problem](#) (7 min)

- Finland is building the largest and most powerful nuclear reactor in Europe - and may have worked out what to do with spent nuclear fuel once and for all. Discover how to build in 2030 with Bluebeam - https://bit.ly/3v8uTER

- Full story here - https://www.theb1m.com/video/finland-...