



Daily Article (Bharath's Reading list) - Answers and Explanations : 30.03.2023

Article link : <https://bit.ly/40QXLSF> (Use a .dev domain?)

1. According to the article, the concept of DNS led to all the following except:

- A. The introduction of a hierarchical style of domain names that allowed related websites to be grouped together
- B. Domain name resolution by the domain name server instead of hosts file on computers
- C. The hosts file no longer serving any purpose and hence not being used
- D. The idea of top-level domains, which helped to classify sites by purpose and migrate from ARPANET addresses to proper domain names

Explanation: C

All options except C are true. Option C is incorrect based on the lines, "But the hosts file persisted. It remained your own personal list of addresses, used to augment the DNS results. Programmers could add an entry to the hosts file if they wanted to override the domain name server, which became especially useful for testing network-related code."

2. Medium changed from localhost to standard.dev due to all the following reasons except:

- A. Medium grew into a network and decided to allow publications to write on the website using their own domain name
- B. Splitting Medium across multiple domains involved only a small amount of engineering work
- C. It was not possible to test Facebook log in to Medium with localhost as URL
- D. Web services became increasingly complex over time, requiring programmers to simultaneously run multiple interconnected services to test their code

Explanation: B

Option B is incorrect: "Splitting our platform across multiple domains was not a small amount of engineering work."

3. Based on the article, which of the following is incorrect?

- A. The HSTS preload list ensures all communication with a website is encrypted.
- B. Encryption became mandatory for every website that ends in .dev as Google acquired .dev for internal use
- C. Programmers did not use the domains .example and .invalid for testing as these TLDs only respond to secure connections
- D. All major browsers include an HSTS preload list based on the list maintained by the Chromium team.

Explanation:

Correct option **C**

Option C is incorrect. According to the article, developers did not use the reserved domains not because they only respond to secure connections but because they didn't know: "Why didn't we just use the reserved domains in the first place? The answer is that we didn't know — and it's okay not to know."

