

IT Fundamentals Guided Notes (ANSWER KEY)

Lesson 3.5.1 - Web Browsers

1. What is a web browser?

A web browser, more commonly known as just a browser, is how users can access the world wide web

2. What are some common web browsers?

Answers will vary, example answers include:

- Google Chrome
- Edge
- Firefox
- Safari
- Tor

3. What is cache?

It is a browser's way to store data from previously visited web pages.

4. Why do we use cache?

It saves time loading that same website when a user visits the page later.

5. What happens if the cache stores too much data and what can be done to remedy this?

It slows the browser down, it can be cleared, or erased/emptied

6. What is client-side scripting?

This is code that needs to be executed on a website, but instead of executing this script through the web server, it's executed by the browser.

7. Why is client-side scripting needed?

It saves bandwidth by not having to send the executed data back and forth

8. What do browser add-ons (also known as extensions) allow browsers to do?

They extend the ability of a web browser and allow it to do much more

9. When a user is using a private session, what is and is not being stored/tracked?

No cache is being stored, cookies are not being stored, browsing history is not being tracked, etc. Network activity can still be monitored

10. What are proxies?

Proxies are servers that network traffic is routed through

11. What is the benefit of proxies?

Proxy servers can be used to prevent access to certain web content

12. What is the difference between a valid and invalid certificate?

If a certificate is valid, then the website can be trusted. If the certificate is invalid, that does not mean the website cannot be trusted, but that it has not been checked by a third party and verified.

13. What is the purpose of pop-up blockers?

It blocks the annoying pop-ups and/or gives the user the ability to close them.

14. What is the benefit of browser compatibility?

It makes sure that websites and applications can be accessed and used across all browsers.