

32 Lecture - CS506

Important Mcqs

Absolutely, here are 10 multiple-choice questions (MCQs) related to advanced session tracking techniques, including cookies, URL rewriting, and hidden form fields, along with their solutions and multiple options:

****Question 1:**** Which mechanism involves adding session information as a parameter to URLs for session tracking?

****Options:****

- A) Cookie tracking
- B) Hidden form fields
- C) URL rewriting
- D) IP tracking

****Solution:**** C) URL rewriting

****Question 2:**** What is the primary purpose of URL rewriting in session tracking?

****Options:****

- A) To improve website loading speed
- B) To prevent unauthorized access
- C) To personalize user experiences
- D) To restrict session duration

****Solution:**** C) To personalize user experiences

****Question 3:**** In URL rewriting, how is session information typically added to URLs?

****Options:****

- A) As an HTTP header
- B) As a request parameter
- C) As a hidden form field
- D) As a cookie attribute

****Solution:** B) As a request parameter**

****Question 4:** How do hidden form fields contribute to session tracking?**

****Options:****

- A) They store session IDs in cookies
- B) They add session information to URLs
- C) They pass session data within HTML forms
- D) They rewrite URLs for session tracking

****Solution:** C) They pass session data within HTML forms**

****Question 5:** What is the primary advantage of using cookies for session tracking?**

****Options:****

- A) They are immune to session hijacking
- B) They can store large amounts of data
- C) They provide a seamless user experience
- D) They eliminate the need for URL rewriting

****Solution:** C) They provide a seamless user experience**

****Question 6:** How does a browser store cookies related to session tracking?**

****Options:****

- A) In server databases
- B) In session attributes
- C) In client-side storage
- D) In URL parameters

****Solution:** C) In client-side storage**

****Question 7:** What is the typical scope of a session cookie?**

****Options:****

- A) Limited to the current browser tab
- B) Limited to the current request
- C) Limited to the current session
- D) Limited to the current user

****Solution:** C) Limited to the current session**

****Question 8:** Which of the following is NOT a session tracking technique?**

****Options:****

- A) Hidden form fields
- B) IP tracking
- C) URL rewriting
- D) Cookies

****Solution:** B) IP tracking**

****Question 9:** How do hidden form fields ensure session continuity?**

****Options:****

- A) By embedding session IDs in URLs
- B) By attaching session attributes to cookies
- C) By storing session data in client-side storage
- D) By passing session data within HTML forms

****Solution:** D) By passing session data within HTML forms**

****Question 10:** Which session tracking technique is effective even if cookies are disabled?**

****Options:****

- A) URL rewriting
- B) Hidden form fields
- C) IP tracking
- D) Server-side storage

****Solution:** A) URL rewriting**