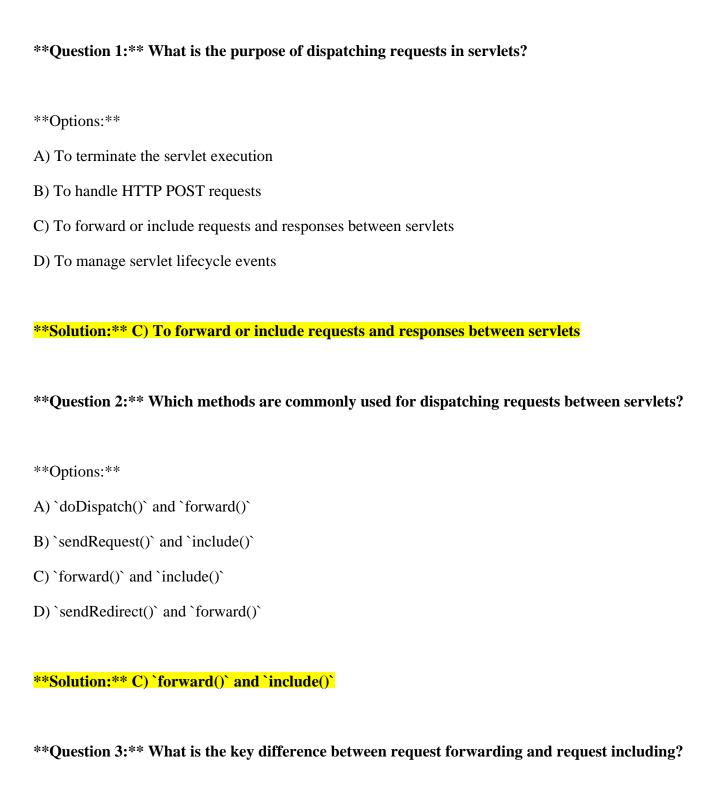
30 Lecture - CS506

Important Mcqs

Certainly, here are 10 multiple-choice questions (MCQs) related to dispatching requests in servlets, along with their solutions and multiple options:



A) Forwarding transfers control to a new servlet, while including keeps control within the current servlet.
B) Forwarding sends an HTTP response, while including sends an HTTP request.
C) Forwarding is asynchronous, while including is synchronous.
D) There is no difference; the terms are used interchangeably.
Solution: A) Forwarding transfers control to a new servlet, while including keeps control within the current servlet.
Question 4: How does request forwarding affect the client's URL?
Options:
A) The client's URL remains unchanged.
B) The client's URL changes to the forwarded servlet's URL.
C) The client's URL changes to the original servlet's URL.
D) The client's URL changes to a default servlet URL.
Solution: A) The client's URL remains unchanged.
Question 5: In request forwarding, which method is commonly used to pass control to another servlet?
Options:
A) `doForward()`
B) `forward()`
C) `sendForward()`
D) `dispatch()`
Solution: B) `forward()`

Options:

Question 6: What is the primary use case of including requests in servlets?
Options:
A) To prevent access to specific servlets
B) To share data between servlets
C) To handle exceptions in servlets
D) To redirect clients to other URLs
Solution: B) To share data between servlets
Question 7: How is data shared between the including servlet and the included servlet?
Options:
A) Data cannot be shared between the two.
B) Data is automatically shared through the session object.
C) Data is passed as query parameters in the URL.
D) Data is shared through request attributes or parameters.
Solution: D) Data is shared through request attributes or parameters.
Question 8: Which method is used to include a request and response from one servlet to another?
Options:
A) `include()`
B) `forward()`
C) `dispatch()`
D) `addRequest()`
Solution: A) `include()`

Question 9: When using `include()`, does the included servlet have access to the response stream?
Options:
A) Yes, the included servlet can modify the response stream.
B) No, the response stream is locked during inclusion.
C) The response stream can be accessed, but not modified.
D) Only if the included servlet has a higher access level.
Solution: A) Yes, the included servlet can modify the response stream.
Question 10: Which method is used to remove a request attribute in servlets?
Options:
A) `removeAttribute()`
B) `deleteAttribute()`
C) `clearAttribute()`
D) `discardAttribute()`
Solution: A) `removeAttribute()`
Solution. A) TelloveAttribute()