

cookie

When a browser requests an image identified by an img tag, it never sends a Cookie header.

- A. TRUE
- B. FALSE

Answer: B

cookie

How can you determine whether a PHP script has already sent cookies to the client?

- A. Use `$_COOKIE`
- B. Use the `getcookie()` function
- C. Use the `headers_sent()` function
- D. Use JavaScript to send a second HTTP request

Answer: C

Filtering

Which of the following filtering techniques prevents all cross-site scripting (XSS) vulnerabilities?

- A. Strip all occurrences of the string `<s-crypt` .
- B. Strip all occurrences of the string `javascript` .
- C. Enable `magic_quotes_gpc` .
- D. None of the above.

Answer: D

ERRORS

How should you track errors on your production website?

- A. Enabling `display_errors`
- B. Enabling `log_errors`
- C. Having a site-wide exception handler
- D. Setting `error_reporting` to `E_ALL & ~E_NOTICE`

Answer: B

tmp_name

What is the name of the key for the element in `$_FILES['name']` that contains the provisional name of the uploaded file?

Answer: `tmp_name`

SPL

Which SPL class implements fixed-size storage?

Answer : `SplFixedArray`

uploads

Which of the following is NOT a requirement for file uploads to work?

- A. The PHP directive `file_uploads` must be set to `On`
- B. The form's `method` attribute must be set to `"post"`
- C. The form must include a hidden input element with the name set to `"MAX_FILE_SIZE"`
- D. The form's `enctype` attribute must be set to `"multipart/form-data"`

Answer: C

type of uploaded

What information can be used to reliably determine the type of an uploaded file?

- A. MIME type
- B. File name extension
- C. Contents of the file

Answer: C

static binding

Late static binding is used in PHP to:

- A. Load dynamic libraries and extensions at runtime
- B. Use caller class information provided in a static method call
- C. Resolve undefined class names by automatically including needed files
- D. Find the proper method to call according to the call arguments

Answer: B

Transactions

Transactions are used to...

- A. guarantee high performance
- B. secure data consistency
- C. secure access to the database
- D. reduce the database server overhead
- E. reduce code size in PHP

Answer: B

SOAPServer

Which of the following can be registered as entry points with a `SoapServer` instance (choose 2):

- A. A single function
- B. A single method from a class
- C. All methods from a class
- D. All classes defined in a script

Answer : A,C

Security

One common security risk is exposing error messages directly in the browser. Which PHP configuration directive can be disabled to prevent this?

- A. `html_display`
- B. `error_reporting`
- C. `display_errors`
- D. `error_log`
- E. `ignore_repeated_errors`

Answer : C

SOAPServer

Which of the following statements about SOAP is NOT true?

- A. SOAP is also a request-/response-based protocol.
- B. SOAP can be transported using SMTP, HTTP and other protocols.
- C. SOAP requires developers to use WSDL.
- D. SOAP traffic via HTTP can be encrypted and compressed just like other HTTP requests.

Answer : C

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Answer : C

Sessions

When tracking upload progress with sessions, the values of 2 INI settings are needed to determine the key in `$_SESSION` of the upload progress data. What are the INI settings?

- A. `session.upload_progress.file`
- B. `session.upload_progress.key`
- C. `session.upload_progress.prefix`
- D. `session.upload_progress.freq`
- E. `session.upload_progress.name`

Answer: C, E

opcode cache

What will an opcode cache ALWAYS automatically improve?

- A. Running time of a loop in a PHP script
- B. Efficiency of HTML markup generated by a PHP script
- C. Execution speed of a PHP script
- D. Memory footprint of a PHP script
- E. None of the above

Answer: E

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Answer: E

cashe

What is cached by an opcode cache?

- A. Compiled PHP code
- B. Native PHP extensions
- C. Data sent to the client
- D. Data received from the database

Answer: A

interface

Which of the following statements is correct?

- A. Interfaces can extend only one interface
- B. Interfaces can extend more than one interface
- C. Interfaces can inherit a method from different interfaces
- D. Interfaces can redeclare inherited methods

Answer: B

status code

Which class of HTTP status codes is used for redirections?

- A. 2XX
- B. 3XX
- C. 4XX
- D. 5XX

Answer: B

Mime type

Which MIME type is always sent by a client if a JPEG file is uploaded via HTTP?

- A. `image/jpeg`
- B. `image/jpg`
- C. `image/pjpeg`
- D. Depends on the client system

Answer: D

Security

Which class of HTTP status codes is used for server error conditions?

- A. 2XX
- B. 3XX
- C. 4XX
- D. 5XX

Answer: D

Security

Your public web application needs to provide access to binary files for registered users only. How would you achieve this?

- A. Host the files on a public external file sharing service.
- B. Redirect to the file which resides in the server's document root
- C. Use PHP to send the file to the client, using the `header()` function to set appropriate HTTP headers
- D. PHP is used for service HTML content, not binary content

Answer : C



Security

In a shared hosting environment, session data can be read by PHP scripts written by any user. How can you prevent this? (Choose 2)

- A. Store session data in a different location with `session.save_path` .
- B. Store session data in a database.
- C. Enable `safe_mode` .
- D. Set `session.name` to something unique.

Answer: A, B

Security

Which of the following are NOT acceptable ways to create a secure password hash in PHP? (Choose 2)

- A. `md5()`
- B. `hash_pbkdf2()`
- C. `password_hash()`
- D. `crypt()`
- E. `openssl_digest()`

Answer: A, E

Security

Is the following code vulnerable to SQL injection (`$mysqli` is an instance of the `MySQLi` class)?

```
$age= $mysqli->real_escape_string($_GET['age']);
$name = $mysqli->real_escape_string($_GET['name'];
$query = "SELECT * FROM 'table' WHERE name LIKE '$name' AND age = $age";
$results= $mysqli-> query($query);
```

- A.No, the code is fully protected from SQL injection
- B. Yes, Because the `$name` variable is improperly escaped
- C. Yes, because the `$name` variable and the `$age` variable is improperly escaped
- D. Yes, because the `$age` variable is improperly escaped

Security (cont)

E. Yes , because you cannot prevent SQL injection when using `MySQLi`

Answer: D

Security

You work for a shared hosting provider, and your supervisor asks you to disable user scripts to dynamically load PHP extensions using the `dl()` function. How can you do this? (choose 2)

- A. Set `enable_dl` to Off in the servers `php.ini` configuration file
- B. Add `dl` to the current value of `disable_functions` in the servers `php.ini` configuration file
- C. Add `dl` to the current value of `disable_classes` in the servers `php.ini` configuration file
- D. Write a custom function called `dl()`, save it under the name `prepend,inc` and then set the `auto_prepend_file` directive to `prepend.inc` in `php.ini`

Answer: A, B

Security

Which of the following can NOT be used to send a cookie from within a PHP application?

- A. `header()`
- B. `$_COOKIE`
- C. `setcookie()`
- D. `setrawcookie()`

Answer: B

Security

When using `password_hash()` with the `PASSWORD_DEFAULT` algorithm constant, which of the following is true? (Choose 2)

- A. The algorithm that is used for hashing passwords can change when PHP is upgraded.
- B. The salt option should always be set to a longer value to account for future algorithm requirements.

Security (cont)

C. The string length of the returned hash can change over time.

D. The hash algorithm that's used will always be compatible with `crypt()` .

Answer: A, C

Security

What types of HTTP authentication are supported by PHP? (Choose 2)

- A. Basic
- B. Advanced
- C. Strict
- D. Digest
- E. Realm

Answer: A, D

Security

What is the name of the header used to require HTTP authentication?

- A. Authorization-Required
- B. WWW-Authenticate
- C. HTTP-Authenticate
- D. Authentication-Required
- E. HTTP-Auth

Answer: B

Security

Which of the following does NOT help to protect against session hijacking and fixation attacks?

- A. Use SSL and set the `$secure` cookie parameter to true .
- B. Set the `session.use_only_cookies` `php.ini` parameter to 1 .
- C. Set the `session.cookie_lifetime` `php.ini` parameter to 0 .
- D. Protect against XSS vulnerabilities in the application.
- E. Rotate the session id on successful login and logout using `session_regenerate_id()`

Answer: C

Security

What can prevent PHP from being able to open a file on the hard drive (Choose 2)?

- A. File system permissions
- B. File is outside of open_basedir
- C. File is inside the /tmp directory.
- D. PHP is running in CGI mode.

Answer : A , B

Security

Which options do you have in PHP to set the expiry date of a session?

- A. Set the session.duration directive in php.ini
- B. Set session cookie expiry date locally via session_set_cookie_params()
- C. Set session expiry date locally via session_cache_expire()
- D. None of the above

Answer: D



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Not published yet.

Last updated 18th July, 2018.

Page 4 of 4.

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