

Certificación PHP5 Zend por Guillaume Viguier-Just

URL diapositivas:
<http://beeznest.wordpress.com>



Plan

- Introducción: que es la certificación PHP5 Zend ?
- Preparación: requisitos previos y exámenes de prueba
- Contenido: 70 preguntas, 12 temas
- Conclusión: después de la certificación



Introducción: que es la certificación Zend ?

- Realizado por la empresa Zend, empresa del creador de PHP
 - Examen que garantiza un **conocimiento avanzado** del lenguaje de programación PHP
 - Buen **reconocimiento** de la certificación por las empresas
- Buen punto en el **curriculum**



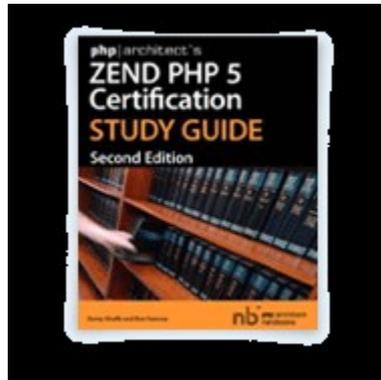
Preparación: requisitos previos

- **Experiencia** en PHP al menos de 1 año
- Buen conocimiento de la **arquitectura web** (HTTP GET, POST, PUT, cookies)
- Buen conocimiento de la **programación orientada a objetos**
- Buen conocimiento del **XML** (incluyendo XPath)



Preparación: libro de estudio

- URL: <http://www.zceguide.com/>
- 12 capítulos que cubren todo el programa de la certificación
- Precio del ebook: \$ 30



Preparación: exámenes de prueba

- Zend da la posibilidad de comprar exámenes de prueba:

<http://shop.zend.com/en/php-certification/zend-php-certification-online-practice-testing.html>

- 1 exam: \$10
- 5 exams: \$17
- 10 exams: \$22
- Cómo en el real examen: preguntas de la misma dificultad, 70 preguntas en 90 minutos

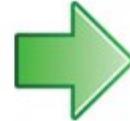


Preparación: exámenes de prueba

GRADING

(All answers)

| Category | Grade |
|---|---|
| Basic Language |  EXCELLENT |
| PHP 4/5 differences |  EXCELLENT |
| Arrays |  FAIL |
| Streams and Network Programming |  PASS |
| String Manipulation and Regular Expressions |  PASS |
| Functions |  EXCELLENT |
| Database Access |  PASS |
| OOP |  EXCELLENT |
| Web Features |  EXCELLENT |
| XML & Web Services |  EXCELLENT |
| Design |  EXCELLENT |
| Security |  EXCELLENT |



FINAL SCORE

EXCELLENT



Preparación: costo y tiempo

- Costo: \$ 125 (certificación) + \$ 22 (exámenes de prueba) + \$ 30 (libro) = \$ 177 (**\$ 165** con el Zend PHP5 certification bundle)
- Tiempo: depende de su experiencia
- 2 semanas, 2 horas por día, lunes-viernes, 4 años de experiencia



Contenido: 70 preguntas, 12 temas

- 70 preguntas en 90 minutos
- 12 temas:
 - PHP Basics
 - Functions
 - Arrays
 - Strings and patterns
 - Web programming
 - Object Oriented Programming in PHP
 - Database Programming
 - Elements of Object-Oriented Design
 - XML and Web Services
 - Security
 - Streams and Network Programming
 - Differences Between PHP 4 and PHP 5



Contenido: preguntas de ejemplo



The Magazine For PHP Professionals

Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 13/70



72:29

Questions Answered: 10
Marked for review: 2

Consider the following HTML fragment:

```
<select name="?????" multiple>
<option value="1">Item #1</option>
<!-- ... more options ... -->
</select>
```

Which of the following name attributes should be used to capture all of the data from the user in PHP?

Answer...

- myselectbox=array()
- myselectbox[]
- myselectbox['multiple']
- myselectbox{'multiple'}
- myselectbox

Mark for Review?

Comments (optional)

 SUBMIT





Contenido: preguntas de ejemplo

php | architect
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Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 2/70  **83:02** Questions Answered: 0
Marked for review: 1

When migrating the following code from PHP 4 to PHP 5, what should be changed?

```
<?php
class MyClass {
    function MyClass($param) {
        /* Do something with $param */
        $this->_doSomething($param);
    }

    // Private method to MyClass
    function _doSomething($param) {
        /* Do something with $param */
    }
}

class AnotherClass extends MyClass {
    var $param = "foo";

    function AnotherClass() {
        parent::MyClass($this->param);
    }
}
?>
```

Answers: (choose 2)

- Access modifiers should be added to methods
- The Constructors for the objects should both be renamed to __construct
- The use of the parent keyword has changed to 'super'
- Constructors must have the same parameter lists

Mark for Review?

Comments (optional)

 **SUBMIT**



Contenido: preguntas de ejemplo



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Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 8/70



77:26

Questions Answered: 5
Marked for review: 2

What is the output of the following?

```
<?php
function a($number)
{
    return (b($number) * $number);
}

function b(&$number)
{
    ++$number;
}
echo a(5);
?>
```

Answer...

0
36
6
30
5

Mark for Review?

Comments (optional)

 SUBMIT



Contenido: preguntas de ejemplo

php|architect
The Magazine For PHP Professionals

Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 26/70

62:14

Questions Answered: 23
Marked for review: 2

When checking to see if two variables contain the same instance of an object, which of the following comparisons should be used?

Answer...

- `if($obj1->equals($obj2) && ($obj1 instanceof $obj2))`
- `if($obj1->equals($obj2))`
- `if($obj1 === $obj2)`
- `if($obj1 instanceof $obj2)`
- `if($obj1 == $obj2)`

Mark for Review?

Comments (optional)

SUBMIT



Contenido: preguntas de ejemplo

php|architect
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Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 38/70

52:36

Questions Answered: 34
Marked for review: 3

Event-based XML parsing is an example of which parsing model?

Answer...

- SAX
- DOM
- XML Object Mapping
- XPath
- XQuery

Mark for Review?

Comments (optional)

SUBMIT



Contenido: preguntas de ejemplo

php | architect
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Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 46/70

 **43:56** Questions Answered: 42
Marked for review: 4

To destroy a PHP session completely, one must which of the following?

Answers: (choose 2)

- Regenerate the session ID using `session_regenerate_id()`
- If cookies are used, destroy it
- Use `session_demolish()` to completely destroy the session
- Change the session name using `session_name()`
- Destroy the session data using `session_destroy()`

Mark for Review?

Comments (optional)

 SUBMIT



Contenido: preguntas de ejemplo



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Zend PHP 5 Certification Mock Exam

May 10, 2010

Question 23/70

64:16

Questions Answered: 20
Marked for review: 2

Consider the following PHP code segment, which attempts to execute a PDO query:

```
<?php
try {
    $dbh->exec($sql);
} catch (PDOException $e) {
    // display warning message
    $info = $e->errorInfo;
}
?>
```

In the event of a PDOException, \$info is set with the contents of the \$errorInfo property of the exception. Which of the following are accurate descriptions of the contents?

Answers: (choose 3)

- \$info[1] is the database-specific error code
- \$info[2] is the database-specific error message
- \$info[1] is the unified error code
- \$info[0] is the unified error code
- \$info[0] is the Database-specific error message

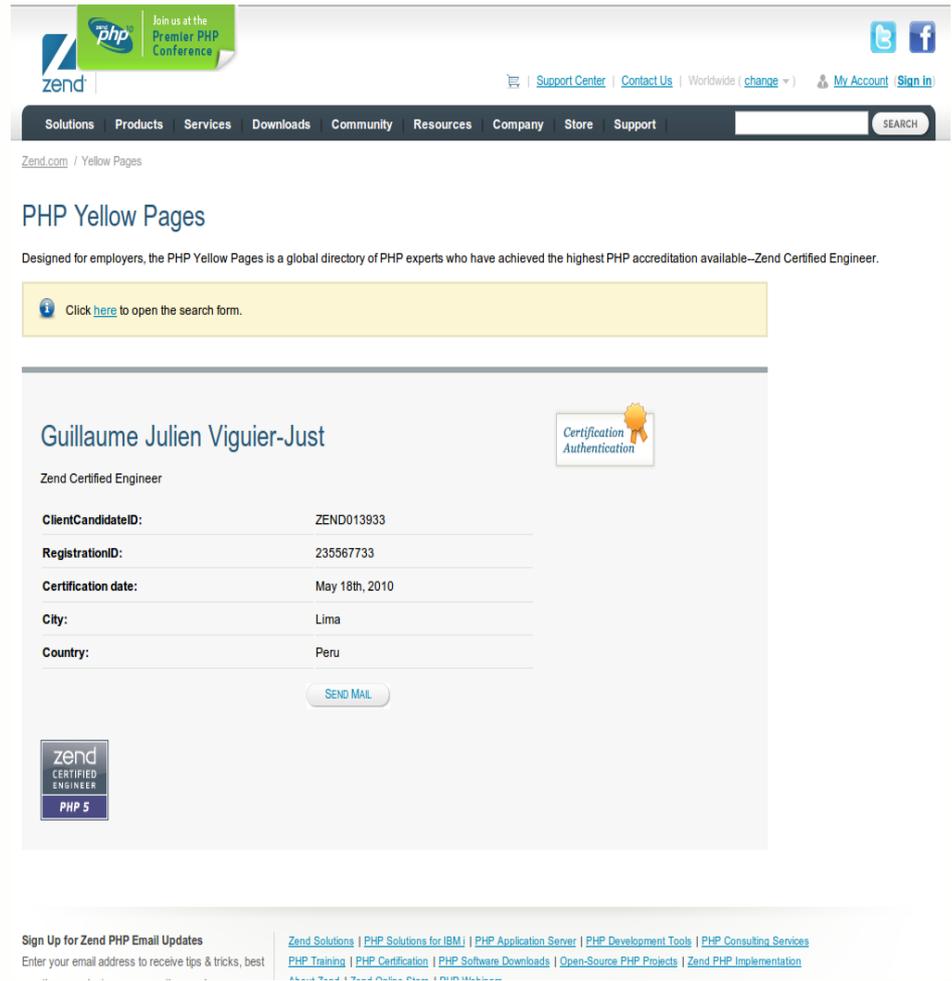
Mark for Review?

Comments (optional)



Conclusión: después de la certificación...

- Zend PHP Yellow Pages
- Diploma



The screenshot shows the Zend PHP Yellow Pages website. At the top, there is a navigation bar with links for Solutions, Products, Services, Downloads, Community, Resources, Company, Store, and Support. A search bar is located on the right. Below the navigation bar, the page title is "PHP Yellow Pages". A yellow banner contains the text "Click [here](#) to open the search form." The main content area displays the profile of "Guillaume Julien Viguier-Just", a Zend Certified Engineer. To the right of the name is a "Certification Authentication" badge. Below the name, there is a table of certification details:

| | |
|---------------------|----------------|
| ClientCandidateID: | ZEND013933 |
| RegistrationID: | 235567733 |
| Certification date: | May 18th, 2010 |
| City: | Lima |
| Country: | Peru |

Below the table is a "SEND MAIL" button. At the bottom left of the profile area is a "zend CERTIFIED ENGINEER PHP 5" badge. At the bottom of the page, there is a "Sign Up for Zend PHP Email Updates" section and a list of links for various Zend services and resources.



Gracias por su atención.

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Preguntas ?

