

### Test Prep: Zend Framework Certification (ZFC)

Days of Training: 3

#### Overview

The Test Prep: Zend Framework (ZF) Certification course prepares experienced developers who design and build PHP applications using ZF for the challenge of passing the certification exam and achieving the status of Zend Certified Engineer in Zend Framework (ZCE-ZF). Please Note: This is a Test Preparation course it does not teach ZF or PHP. It utilizes a special review format for presenting the material that mimics the exam experience.

The content is delivered at a fast pace through a series of quick reviews and corresponding quiz questions focused on the fourteen exam topic areas. The course also provides important information about the exam itself and strategies for answering the questions.

#### Audience

This course is designed for experienced Zend Framework developers (intermediate-level +) who wish to gain information on how to take and pass the Zend Framework Certification exam while being guided through a quick, intense review of all of the major topics within the 14 certification areas.

#### Pre-requisite(s)

At least intermediate-level knowledge of the fourteen topic areas.

#### Price

SG\$2,400 before GST

#### Objectives

Preparation for the Zend Framework Certification Exam.

#### Course Note

There are some broad topics included within the scope of this course, such as Rich Internet

Applications. Participants should note, however that these topics are discussed in terms of the related Zend Framework components and PHP, and therefore will not be covered in every aspect.

#### Topics Include

**Introduction:** Why Certification; Exam Essentials; Questions and Strategies; Certification Topic Areas

**MVC:** Components, Pattern Basics, Bootstrap, Zend\_Controller, Zend\_Layout

**Forms:** Zend\_Form, Validation/Filtering, Decorators, Elements, Forms, Display Groups & Sub Form, Configuration, Internationalization

**Database:** Zend\_Db, Zend\_Db\_Statement, Zend\_Db\_Table, Zend\_Db\_Profiler, Zend\_Db\_Select, Table Data Gateway Pattern, Row Data Gateway Pattern

**Authentication and Access:** Zend\_Acl, Zend\_Auth, Zend\_Auth Adapters

**Filtering and Validation:** Filtering Chains, Custom Filters, Standard Validation Classes, Validator Chains, Custom Validators

**Web Services:** XML-RPC Client, XML-RPC Server, REST Client, REST Server, Zend\_Service Web Services

**Infrastructure:** Zend\_Config, Zend\_Session, Zend\_Registry, Zend\_Loader

**Search:** Zend\_Search\_Lucene, Indexing, Querying, Performance

**Mail:** Constructing, Storage, Message retrieval, Storage providers, Message sending

**Internationalization:** Zend\_Date, Zend\_Translate, Zend\_Locale, Zend\_Currency, Zend\_View\_Helper\_Translate, Internationalization Performance

**Security:** Cross Site Request Forgery, Secure Authentication, Escaping for output, Cross Site Scripting, Security Best Practices

**Coding Standards:** Coding conventions, Zend\_Loader

**Performance:** Zend\_Cache, Script inclusion, Optimization, Zend\_Memory

**Performance:** Zend\_Cache, Script inclusion, Optimization, Zend\_Memory

MSM6427-ILT