



# Zend Application Architecture/ Scalability Audit

Performance, Security, Architecture/Scalability

Partner with the PHP thought leaders and innovators

Unlock the potential of PHP

Identify barriers to horizontal and vertical scalability.

Optimize your Development and Deployment Processes

Audit your infrastructure requirements.

Detailed Analysis

Written Reports with Recommendations

For detailed information see:  
[www.zend.com/services](http://www.zend.com/services)

The Zend Application Audit Services are a family of packaged services for evaluating the performance, scalability or security of a single PHP application against a series of benchmarks and criteria, and providing a comprehensive written report of audit findings and detailed recommendations.

## What you don't know, can hurt you!

Growth and change in successful organizations can put strain on applications as they struggle to keep up with growing demand and usage. Performance problems may appear. Developers may be spending more time in fixing and maintaining the application rather than adding new functionality.

With these services, Zend helps the customer to identify barriers to full productivity of their PHP application, and provides them with options for removing those barriers and optimizing the performance, scalability or security of their PHP applications. When your application is assessed by PHP experts, the root cause of performance and other problems can be quickly identified, and then addressed.

## The Service Process

The audit begins with a detailed evaluation of your application, taking into account everything from usage volume to the operating system. All audit items are evaluated relative to Zend benchmarks by the Zend Professional Services consultant.

Once the application has been reviewed, the data is analyzed, issues identified, and recommendations developed. The result is a comprehensive report and recommendations which provide you with a detailed roadmap, which you can implement yourself, or work with Zend Professional Services to implement with you.

We will also provide a proposal for implementation of the recommendations by Zend Professional Services. Whether implemented by your team or by Zend Professional Services, you will have a detailed roadmap which puts you on the road to success!

You also have the option to have your Infrastructure or your Processes assessed. Talk to your sales rep for more information and a quote.

## What we look for

Zend Professional Services has established a set of standard benchmarks for evaluating each application or code base. Listed below are sample components for each audit, actual components assessed may vary.

Application	Infrastructure (Custom)	Process (Custom)
Horizontal scalability analysis	HW requirements	Development process
Session clustering viability	Load Balancing	Release process analysis
Database scalability analysis	Networking requirements of servers	Deployment analysis
Load balancing viability	Capacity Planning	Metric gathering
Web server architecture and configuration	Database servers	Revision control
		Stress testing
		Quality Assurance Process Analysis
		Resource management
		Scalability planning
		Distributed development analysis
		Migration strategies

## A full range of follow on services

In addition to the Zend Application Audit family of services, Zend Professional Services offers a full range of custom tailored services, including training and support services, as well as the Migration family of services, on-site and classroom training and Application Development Services.

## Call us to find out more

Contact your Zend sales representative to find out more about the services Zend can provide to you.

## Features & Benefits

Features	Benefits
Certified PHP experts	Ensures the Zend consultants bring a significant, measurable level of expertise to your project Results in higher quality deliverables in a shorter period of time, so you have your results faster.
Objective, third party review of application	Unbiased evaluation of your application significantly reduces the risk of missing or ignoring potentially critical flaws.
Detailed written report and recommendations for implementation	By knowing what the issues are, you can make informed decisions regarding next steps to address them and ensure that your applications run reliably and securely. Whether you decide to implement the recommendations yourself, or have Zend experts do so, you can be comfortable that by following the recommendations you have taken the right steps to improve the performance, scalability or security of your application

The Application Architecture/Scalability service is a fixed price service, for approximately 5 person-days, and limited to a code base of 50,000 Lines of Code or less. For applications larger than 50,000 LOC, or to have your Infrastructure and/or Processes assessed, ask your Zend Sales rep for a custom quote.

Because every customer's need is different, and every application is unique, the actual components used during the audit will vary based on customer need.

## Zend: A Complete solution to your PHP needs

- **Zend Platform** - Performance Management, Integration & Enterprise Scalability
- **Zend Studio** - The Proven PHP Development Environment
- **Zend Guard** - Protect your Code and IP
- **Zend Consulting** - Services and Consulting from the PHP Experts
- **Zend Training** - PHP Certification and Education
- **Zend Core** - Reliable PHP Made Easy

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