PHP Architecture Audit

With decades of experience helping customers in all industry segments, Zend by Perforce offers a full range of services that not only enable you to get the most out of our products but also to guide PHP application architecture, modernization, performance, and security from start to finish.

The PHP Architecture Audit is designed to provide a comprehensive assessment of your application's code base, its ability to scale, and its resiliency. Zend consultants measure your application against several benchmarks, each designed to assess different areas, covering testability, test coverage, complexity, coupling, and others that are known to impact overall software quality and maintainability.
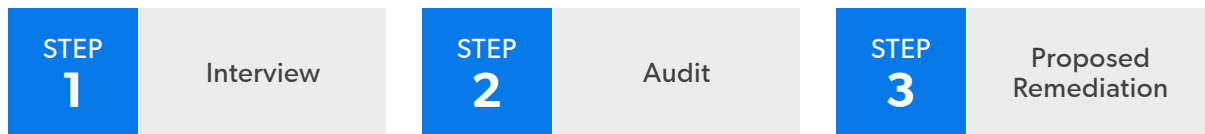
Prior to engaging in technology initiatives, Zend customers that have leveraged the PHP Architecture Audit have shown faster release times for new features, more robust and scalable applications, and a better functioning code base.

Zend PHP Architecture Audit offers the following benefits:

- Increase the speed and velocity of new feature development and release.
- Provide assurance that changes in the code base won't accidentally break or introduce bugs into the system.
- Provide a roadmap for future scalability of the application

Typical Engagement

The PHP Architecture Audit begins with an interview to understand the context and focus areas. A comprehensive assessment of the code base is then carried out, and the findings are all recorded in an extensive report, along with possible remediation suggestions.

STEP 1	Interview	STEP 2	Audit	STEP 3	Proposed Remediation

Services

While Zend leverages some tools and models, PHP Architecture Audits are highly tailored to address each customer's concerns. Therefore, the types of services that are relevant and valuable may differ between customers. The following is a summary of the services that may be included. If there are services or needs you do not see on this list, let us know and we can discuss including any specialized needs.

Focus area	Services Included
Architecture needs assessment	✓
Testability review and coverage	✓
Horizontal scalability review	✓
Complexity assessment	✓
Coupling analysis	✓
Conformity to PSR standards	✓
Dependency management assessment	✓
Maintainability assessment	✓