

CloudLinux OS+, our newest operating system, includes a new PHP performance tracing tool called PHP X-Ray. It will provide detailed information on performance bottlenecks in web sites on WordPress.

## PHP Performance Monitoring With PHP X-Ray

We began developing PHP X-Ray after receiving a lot of requests from web hosting firms to help them diagnose issues with slow web sites. From what we saw, these performance issues were difficult to diagnose, and often drove web site owners to switch their hosting provider.

When a web site slows down, there's usually a problem with its content management system. To restore its performance, it used to be necessary to delve into its WordPress installation and diagnose the problem by hand. Now, on servers that run CloudLinux OS+, performance problems can be identified immediately using a new tool called PHP X-Ray.

PHP X-Ray, included with CloudLinux OS+, provides detailed information on performance bottlenecks that involve WordPress. If a site has sluggish plugins, database queries, functions, or external calls, this new tool helps pinpoint the underlying problem.

## Troubleshooting Performance Problems

PHP X-Ray was developed specifically to troubleshoot performance issues in PHP-based web sites, such as:

- Slow plugins
- Slow database queries
- Slow functions
- Slow external calls

## Benefits



### Easy to install

Out-of-the-box, supported, problem -focused monitoring solution that not requires implementation and continuous support by engineering teams in the future.



### User-friendly

Simpler solution for the teams that don't have enough competences to build it in-house.



### Simple detection

Detailed per-user view, integrated with LVE (unlike any available solution).