

Current Status of EasyApache 4

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Overview

This document lists the current status of features and known bugs in EasyApache 4. EasyApache 4 is stable as of cPanel & WHM version 58.



Note:

Use the following legend to read the tables:

✔ — We either implemented this item or we fixed the bug.

✘ — We have not implemented, will **not** fix or backport, **or** the bug is still in progress.


EasyApache 3 to EasyApache 4 Migration Status

The following table lists the known bugs in the EasyApache 4 migration script and their status:

Issue	Case ID	58	60	62	64	66	Notes
Have EasyApache 4 migration script call the CloudLinux migration script when needed.	CPANEL-7356	✔	✔	✔	✔	✔	The EasyApache 4 migration script now calls CloudLinux's migration script on CloudLinux systems when you upgrade to EasyApache 4.
Support the <code>--revert</code> flag in CloudLinux's EasyApache 4 migration script.	CPANEL-7504	✔	✔	✔	✔	✔	We now support the <code>--revert</code> flag in the EasyApache 4 migration script on CloudLinux systems.
Add exit codes to migrate script per CloudLinux.	CPANEL-7534	✔	✔	✔	✔	✔	We added exit codes to the EasyApache 4 migration script. These codes allow third-party developers to register failures and make programmatic changes.
Add basic sanity check for broken repos during migration.	CPANEL-7462	✔	✔	✔	✔	✔	We now ensure that yum can complete actions before the system migrates to EasyApache 4.
Preserve EasyApache 3's PHP version as the default PHP version when the system migrates to EasyApache 4.	CPANEL-7619	✔	✔	✔	✔	✔	The EasyApache 4 migration script attempts to set the PHP version in EasyApache 4 to match the PHP version in EasyApache 3.
Preserve EasyApache 3's PHP handler when the system migrates to EasyApache 4.	CPANEL-7659	✔	✔	✔	✔	✔	The EasyApache 4 migration script attempts to set the Apache PHP handler in EasyApache 4 to match the PHP handler in EasyApache 3.
Add migration hooks to EA4 migration script.	CPANEL-7922	✔	✔	✔	✔	✔	We added support for multiple stages of hooks to the EasyApache 4 migration script. These hooks allow third parties to ensure that their plugins and settings migrate properly. For more information, read our EasyApache 4 Migration Hooks documentation.
Add preflight checks to the EA4 migration script.	CPANEL-7820	✔	✔	✔	✔	✔	We added a comprehensive set of blockers and warnings to the migration script. Third-party integrators can also add blockers with this change.
Sites with the <code>suPHP_ConfigPath</code> set break during migration.	CPANEL-7963/EA-4772	✔	✔	✔	✔	✔	We created the <code>ea_convert_php_ini</code> script to convert a user's existing <code>php.ini</code> file to one that EasyApache 4 can use if the user's PHP version uses suPHP. This conversion happens during the EasyApache 3 to EasyApache 4 migration process. This script does not currently support manual execution.
Ensure that the EasyApache 4 migration script migrates the system's <code>php.ini</code> settings from EasyApache 3.	CPANEL-11202/EA-5012	✔	✔	✔	✔	✔	The <code>/scripts/migrate_ea3_to_ea4</code> script copies the <code>/usr/local/lib/php.ini</code> file to the <code>/opt/cpanel/ea-php??/root/etc/php.d/local.ini</code> file and to all installed <code>ea-php</code> versions on your server. To reduce the chance of conflicts, the system comments out lines that resemble the following: <ul style="list-style-type: none"> • <code>extension=</code> • <code>extension_dir=</code> • <code>zend_extension=</code> The system does not adjust any other lines.
Migrate Apache user data includes from EasyApache 3.	CPANEL-12603/E A-3991	✔	✔	✔	✔	✔	We now migrate the Apache user data includes from EasyApache 3 to EasyApache 4. For more information, read our The EasyApache 3 to EasyApache 4 Migration Process documentation.

Feature Status

The following table lists the features in development and their status for EasyApache 4:

Issue	11.52	54	56	58	60	62	Notes
Make CloudLinux™ and EasyApache 4 compatible.			⋮	⋮	⋮	⋮	CloudLinux released support for EasyApache 4 when we released cPanel & WHM version 56, but their support for EasyApache 4 remains in beta state. Read their documentation for more information.
Fix PEAR and PECL functionality.				⋮	⋮	⋮	The WHM PECL user interface does not work in cPanel & WHM versions 11.52, 54, or 56. We fixed this in cPanel & WHM version 58. The cPanel & WHM user interfaces for PEAR work with some limitations in cPanel & WHM versions 11.52, 54, and 56.
FastCGI						⋮ (v74)	As of cPanel & WHM version 74, you can use FCGId with the MultiPHP system. It is not compatible with the <code>mod_ruid2</code> Apache module or the <code>mod_mpm_itk</code> Apache module. For more information, read our Apache Module: FCGId documentation.
Tomcat compatibility						 (v76)	EasyApache 4 now supports Tomcat 8.5 on an Experimental basis. You must install the Experimental Repository to use Tomcat and create a new Tomcat installation. As of cPanel & WHM version 76, you can migrate your server that runs Tomcat. However, the implementation is completely different from the EasyApache 4 version. For more information, read our Tomcat documentation.

Bug Status

The following table lists the known bugs in EasyApache 4 and their status:

Bug	11.52	54	56	58	Notes
DSO PHP Handler is not exposed.		⋮	⋮	⋮	In cPanel & WHM version 11.52, the system installed the DSO handler, but did not expose it to the configuration tools. We fixed this in cPanel & WHM version 54.
WHM Apache configuration Include editors do not work.			⋮	⋮	In cPanel & WHM versions 11.52 and 54, the existing configuration checks do not work properly and the system does not save edits. You must manually edit the include files to make changes. We fixed this in cPanel & WHM version 56.
EasyApache 4 PHP config file, <code>/etc/cpanel/ea4/php.conf</code> , not found.	⋮	⋮	⋮	⋮	This error first appeared in earlier versions of cPanel & WHM version 54. We fixed this in version 54.0.5.
Make ModSecurity conflict with <code>mod_ruid2</code> and <code>mod_mpm_itk</code>				⋮	In EasyApache 3, an existing bug with ModSecurity2, the <code>mod_ruid2</code> , and <code>mod_mpm_itk</code> Apache modules causes some tracking functionality to not work properly with per-user MPMS. We originally added a conflict to the RPMS in EasyApache 4, so that you cannot install the <code>mod_ruid2</code> or <code>mod_mpm_itk</code> Apache modules with ModSecurity2. On June 15, 2016, we removed those conflicts. The issue with DBM files still exists. cPanel, Inc. cannot fix this bug, as this is a ModSecurity2 issue. For more information, read the ModSecurity bug report .

Additional documentation

- [EasyApache 4 Release Notes](#)
- [Experimental Repository Change Log](#)
- [EasyApache 4 Recommendations](#)
- [PHP Options](#)
- [EasyApache 4 Home](#)