EasyApache 4 Interface

(*WHM* >> *Home* >> *Software* >> *EasyApache 4*)

Overview

This interface allows you to update and install Apache, PHP, and other components of your web server.

> ⚠️ **Note:**
>
> This interface does **not** display the exact package names. The actual package names on the system start with the `ea-` prefix.

EasyApache 4 Home interface

When you open the *EasyApache 4* interface, the system displays the EasyApache 4 *Home* interface. The *Home* interface contains the following sections:

- *Run system update* – This link redirects you to the *System Update* interface (*WHM* >> *Home* >> *Software* >> *System Update*) and allows you to update the RPMs on your system.
- *Currently Installed Packages* — This section displays your system's current configuration. Click *View all packages* to see the currently installed packages, *Customize* to make changes, or *Convert to profile* to save the currently-installed packages as a profile.
- *Available Profiles* — This section displays all of the currently available profiles on your system.
- *Upload a profile* – Click *Upload a profile* to upload a custom profile. For more information, read our EasyApache 4 - Create a Profile documentation.

Convert to profile

To convert your configuration into a custom profile, perform the following steps:

1. Click *Convert to profile* in the *Currently Installed Packages* section.
2. Enter the name of your profile. The EasyApache 4 interface displays this name.

> ⚠️ **Note:**
>
> To overwrite an existing profile of the same name, select the *Overwrite an existing profile* checkbox.

3. Enter the file name of your profile. Do **not** include the `.json` extension.
4. Enter a description for your profile, if desired. The interface will display this description.
5. Enter a comma-separated list of tags, if desired.
6. Click *Convert*.

The system saves the new profile to the `/etc/cpanel/ea4/profiles/custom` directory.

Save as profile

You can save a new profile at any point during the EasyApache 4 configuration process. To save your configuration as a profile, perform the following steps:

1. Click *Save as profile* during the EasyApache 4 configuration process.
2. Enter the name of your profile. The EasyApache 4 interface displays this name.

> ⚠️ **Note:**
>
> To overwrite an existing profile of the same name, select the *Overwrite an existing profile* checkbox.

3. Enter the file name of your profile. Do **not** include a `.json` extension.

⚠️

> ⚠ **Note:**
>
> You **cannot** enter a file name of `.` or `..`, or a file name that contains the `/` or `NUL` character.

4. Enter a description for your profile, if desired. The interface will display this description.
5. Enter a comma-separated list of tags, if desired.
6. Click *Save*.

The system saves the new profile to the `/etc/cpanel/ea4/profiles/custom` directory.

Upload a profile

> ⚠ **Note:**
>
> Profile files **must** use a JSON format. The system will **not** display files in any other format. For more information, read our EasyApache 4 - Create a Profile documentation.

From a local file

To upload a custom profile from a local file, perform the following steps:

1. Click *Upload a profile*.
2. Click *Browse* and select the profile that you wish to upload.

> ⚠ **Note:**
>
> To overwrite an existing profile of the same name, select the *Overwrite an existing profile* checkbox.

3. Click *Upload*.
4. The system will upload your file and refresh the EasyApache 4 interface.

From a URL

To upload a file from a URL, perform the following steps:

1. Click *Retrieve from URL*.
2. Enter the URL that you wish to upload in the text box.
3. Click the checkmark to fetch the URL's contents.
4. Click *Upload*.
5. The system will upload your file and refresh the EasyApache 4 interface.

Install a preconfigured profile

To install a preconfigured profile **without** any changes, perform the following steps:

1. Select the profile that you wish to use and click *Provision*.
2. The interface displays the *Review* section. The system compares your current profile to the selected profile and lists the following information:

    - The packages that the system will install.
    - The packages that the system will upgrade.
    - The packages that the system will uninstall.
    - Unaffected packages.
3. To accept the changes, click *Provision*.
4. When the provision process completes, click *Done*.

Customize a profile

To install a preconfigured profile with your own customizations, perform the following steps:

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> ⚠️ **Notes:**
>   - Profiles act as templates and do **not** save your changes. When you provision a customized profile, your changes affect the *Currently Installed Packages* **only**. To create a custom profile, either click *Upload a profile* and select the profile that you wish to upload or click *Save as profile* during the customization process. For more information about custom profiles, read our EasyApache 4 - Create a Profile documentation.
>   - The EasyApache 4 interface provides a variety of recommendations about the packages that you can select. For more information about the recommendation system, read our EasyApache 4 Recommendations documentation.

1. Select the profile that you wish to use and click *Customize*.
2. Select the MPM module that you wish to install. The interface displays any existing conflicts. Click *Yes* to resolve any conflicts or *No* if you do not wish to make the changes.

> ⚠️ **Notes:**
>   - You can **only** use one Apache MPM module at a time.
>   - To navigate between customization options, click that option's link in the left side of the interface.

3. Click *Next*. The available Apache modules will appear.
4. Select the Apache modules that you wish to install. You can also search for your desired packages.
5. Click *Next*. The available PHP versions will appear.
6. Select the PHP versions that you wish to install. You can also search for your desired packages.

> ⚠️ **Note:**
>   This interface **only** installs cPanel & WHM-provided PHP packages. If you wish to install an alternate, vendor-provided version of PHP, you **must** use yum. For more information, read our How to Locate and Install a PHP Version or Extension and Yellowdog Updater, Modified (yum) Basics documentation.

7. If you select a new version of PHP, the system will detect the PHP extensions that already exist for other installed versions of PHP. You can select the following options:

> ⚠️ **Notes:**
>   - In the following examples, `PHP ##` represents the PHP version that you selected.
>   - If you do **not** select one of the following options, the system **only** installs the selected PHP version and its required extensions.

   - *PHP ## and Extensions* — This option installs the selected PHP version and all detected extensions.
   - *PHP ## only* — This option **only** installs the PHP version and its required extensions.
   - *Edit*– This option displays the proposed PHP extensions. You can deselect any extensions that you do not wish to install.
8. Click *Next*. The available PHP extensions will appear.
9. Select the PHP extensions that you wish to install. Select the checkbox for a version of PHP if you wish to filter your results. You can also search for an extension by name.
10. Click *Next.* The available Ruby RPMs will appear.
11. Select the Ruby RPMs that you wish to install.

> ⚠️ **Note:**
>   If you enable the `mod_passenger` module, the system will disable Apache's `mod_userdir` module.

12. Click *Next*. The *Review* section will appear.
13. Review your selections to confirm the changes. The *Review* section displays the following information:
      - The packages that the system will install.
      - The packages that the system will upgrade.
      - The packages that the system will uninstall.
      - Unaffected packages.
14. To accept the changes, click *Provision* to start the build process.
15. When the provision process completes, click *Done*.

Command line changes

You can perform some changes on the command line with EasyApache 4. To install or uninstall packages manually, you can use `yum`. For more information, read our Yellowdog Updater, Modified (yum) Basics documentation.

We also provide some tools to provision profiles in our `ea-cpanel-tools` RPM.

Additional documentation

- EasyApache 4
- EasyApache 4 FAQ
- EasyApache 4 Recommendations
- Apache
- PHP Home