

Apache Module: AuthnAlias

Overview

If you create extended authentication providers in your Apache configuration, the `mod_authn_alias` Apache module allows you to assign alias names to them. The `mod_authn_alias` Apache module does **not** provide authentication, it only provides the functionality to refer to authentication modules with an alias.

Usage

If you install the `mod_authn_alias` Apache module, you can use Apache directives to reference extended authentication providers via alias names. This module also allows you to reference the same extended authentication provider from multiple locations.

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Important:

EasyApache 3 does **not** support new installations of Tomcat.

As of cPanel & WHM version 76, EasyApache 4 now supports Tomcat 8.5. For more information, read our [Tomcat](#) documentation.

Requirements

Front-end Apache authentication module

The `mod_authn_alias` Apache module requires a front-end Apache authentication module. EasyApache includes the `mod_auth_basic` front-end Apache module by default.

For information on the `mod_auth_basic` Apache module, click the following links:

Apache version	Documentation
2.2	Apache Module mod_auth_basic
2.4	Apache Module mod_auth_basic

For information on how to enable the alternative Apache front-end authentication module `mod_auth_digest`, read our [Apache Module: AuthDigest](#) documentation.

Apache 2.2

The `mod_authn_alias` Apache module is only available for Apache version 2.2. However, the `mod_authn_core` Apache module for Apache version 2.4 provides the same functionality as the `mod_authn_alias` Apache module.

If you select the *Apache 2.4* option in EasyApache, EasyApache enables the `mod_authn_core` module and the `mod_authn_alias` functionality by default.

Compatibility

This module has no known compatibility issues.

How to install or uninstall `mod_authn_alias`

The EasyApache profiles do not provide the `mod_auth_digest` Apache module by default.

To install or uninstall the `mod_authn_alias` Apache module, perform the following steps:

1. Run EasyApache in WHM's *EasyApache 3* interface (*Home >> Software >> EasyApache 3*).




Notes:

- To access EasyApache from the command line interface, run the `/scripts/easyapache` script as the `root` user.
- For more information on EasyApache, read our [EasyApache](#) documentation.

2. Select the profile that you wish to modify.



3. Click the  icon that corresponds to your selection.



Note:

If you select the *Apache 2.4* option in the *Apache Version* interface, EasyApache will build the functionality of the `mod_authn_alias` as by default.

4. Click *Next Step* in the *Apache Version* stage.
5. Click *Next Step* in the *PHP Version* stage.
6. Click *Exhaustive Options List* in the *Short Options List* stage.
7. Perform one of the following actions in the *Exhaustive Options List* stage:
 - To install the `mod_authn_alias` Apache module, select the *AuthnAlias* option.



Note:

If you select this option, EasyApache will add `--enable-authn-alias` to Apache's build options.

- To uninstall the `mod_authn_alias` Apache module, deselect the *AuthnAlias* option.
8. Click *Save and Build*.

How to enable or disable the module in a custom EasyApache profile file

The following table provides information about how EasyApache refers to the `mod_authn_alias` Apache module:

EasyApache module name	<code>mod_authn_alias</code>
EasyApache Profile Entry	<code>Apache::optmods::AuthnAlias</code>

To enable or disable the `mod_authn_alias` Apache module in a custom EasyApache profile file, set the `Apache::optmods::AuthnAlias` profile entry to one of the following values:

- 1 - This value enables the module.
- 0 - This value disables the module.

History

The following table provides information on changes to the `mod_authn_alias` Apache module within EasyApache and content changes to this document:

Date	EasyApache version	Action	Details
2/11/2014	3.24.11	Doc update	Implemented case 73225: Remove Apache 1.3 and 2.0
1/31/2013	3.18.0	Doc update	Implemented case 51105: Update for Apache 2.4

Related documentation

Apache authentication and authorization

For more information on Apache authentication and authorization, click the following links:

Apache 2.2	Authentication and Authorization
Apache 2.4	Authentication and Authorization


Apache authorization modules

The following table includes the Apache authorization modules that are available in EasyApache:

EasyApache option	EasyApache's documentation	Apache's documentation
<i>AuthzDBM</i>	Apache Module: AuthzDBM	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authz_dbm• Apache 2.4 – Apache Module mod_authz_dbm
<i>AuthzOwner</i>		<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authz_owner• Apache 2.4 – Apache Module mod_authz_owner
<i>AuthnzLDAP</i>	Apache Module: AuthnzLDAP	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authnz_ldap• Apache 2.4 – Apache Module mod_authnz_ldap

Apache authentication modules

The following table includes the Apache authentication modules that are available in EasyApache:

EasyApache option	EasyApache's documentation	Apache's documentation
<i>AuthnDBD</i>	Apache Module: AuthnDBD	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authn_dbd• Apache 2.4 – Apache Module mod_authn_dbd
<i>AuthnAnon</i>	Apache Module: AuthnAnon	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authn_anon• Apache 2.4 – Apache Module mod_authn_anon
<i>AuthnAlias</i>	Apache Module: AuthnAlias	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authn_alias• Apache 2.4 – Apache Module mod_authn_core
<div style="border: 1px solid #ffc107; padding: 10px;"><p> Note: The <code>mod_authn_alias</code> Apache module does not provide authentication. It allows you to configure aliases to refer to authentication provider modules.</p></div>		
<i>AuthnDBM</i>	Apache Module: AuthnDBM	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authn_dbm• Apache 2.4 – Apache Module mod_authn_dbm
<i>AuthnDefault</i>	Apache Module: AuthnDefault	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authn_default• Apache 2.4 – Apache Module mod_authn_default
<i>AuthnzLDAP</i>	Apache Module: AuthnzLDAP	<ul style="list-style-type: none">• Apache 2.2 – Apache Module mod_authnz_ldap• Apache 2.4 – Apache Module mod_authnz_ldap

