


Fixing the Trusted Host Error


Drupal 8 Trusted Host Fix

Verify that the Trusted Host Error exists on your D8 site on the Reports > Status report






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Here you can find a short overview of your site's parameters as well as any problems detected with your installation. It may be useful to copy and paste this information into support requests filed on [Drupal.org's support forums](#) and project issue queues. Before filing a support request, ensure that your web server meets the [system requirements](#).


**1 ERROR**
[Details](#)

**25 CHECKED**
[Details](#)

GENERAL SYSTEM INFORMATION

 Drupal Version 8.7.9	 Last Cron Run Last run 11 seconds ago (more information) <div>Run cron</div>	
 Web Server Apache	 PHP Version 7.0.33 (more information) It is recommended to upgrade to PHP version 7.2 or higher for the best ongoing support. See PHP's version support documentation and the Drupal 8 PHP requirements handbook page for more information. Memory limit 64M	 Database Version 5.5.5–10.1.43–MariaDB System MySQL, MariaDB, Percona Server, or equivalent

Errors found

**TRUSTED HOST SETTINGS**

Not enabled
The trusted_host_patterns setting is not configured in settings.php. This can lead to security vulnerabilities. It is **highly recommended** that you configure this. See [Protecting against HTTP HOST Header attacks](#) for more information.

File Permission Settings

- Before you can fix the Trusted Host error, you have to set the sites/default folder permissions to 755
 - Note these permission get auto reset when you re-access the site to test your setting file changes

Select the **sites** folder, then click the default permissions box

The screenshot shows the cPanel File Manager interface. The left sidebar displays a tree view of the file system. The 'sites' folder is highlighted in green, and a purple arrow points to it. The main pane shows the contents of the 'sites' folder, which includes a 'default' folder and several files. The 'default' folder is highlighted in yellow.

File Manager Interface:

- Search:** All Your Files for [] Go Settings
- Actions:** + File + Folder Copy Move Upload Download Delete Restore Rename Edit HTML Editor Permissions View Extract Compress
- Path:** public_html/d8flextest3/site: Go
- Navigation:** Home Up One Level Back Forward Reload Select All Unselect All View Trash Empty Trash

File List:

Name	Size	Last Modified	Type	Permissions
default	4 KB	Today, 8:27 AM	http/unix-directory	0555
development.services.yml	310 bytes	Nov 6, 2019, 10:30 PM	text/x-generic	0644
example.settings.local.php	4.41 KB	Nov 6, 2019, 10:30 PM	application/x-httpd-php	0644
example.sites.php	2.31 KB	Nov 6, 2019, 10:30 PM	application/x-httpd-php	0644
README.txt	515 bytes	Nov 6, 2019, 10:30 PM	text/plain	0644

Change default 555 to 755 and save

Size	Last Modified	Type	Permissions
4 KB	Today, 8:27 AM	httpd/unix-directory	0555
310 bytes	Nov 6, 2019, 10:30 PM	text/x-generic	Save Cancel
4.41 KB	Nov 6, 2019, 10:30 PM	application/x-httpd-php	
2.31 KB	Nov 6, 2019, 10:30 PM	application/x-httpd-php	0644
515 bytes	Nov 6, 2019, 10:30 PM	text/plain	0644

Permissions	
-directory	0755
eric	Save Cancel
n/x-httpd-php	

	Type	Permissions
	httpd/unix-directory	0755
10:30 PM	text/x-generic	0644
10:30 PM	application/x-httpd-php	0644

sites/default is now 755

cP File Manager Search for

+ File + Folder Copy Move Upload Download Delete Restore Rename Edit HTML Editor Permissions View
Extract Compress

public_html/d8flextest3/site: Go

Collapse All

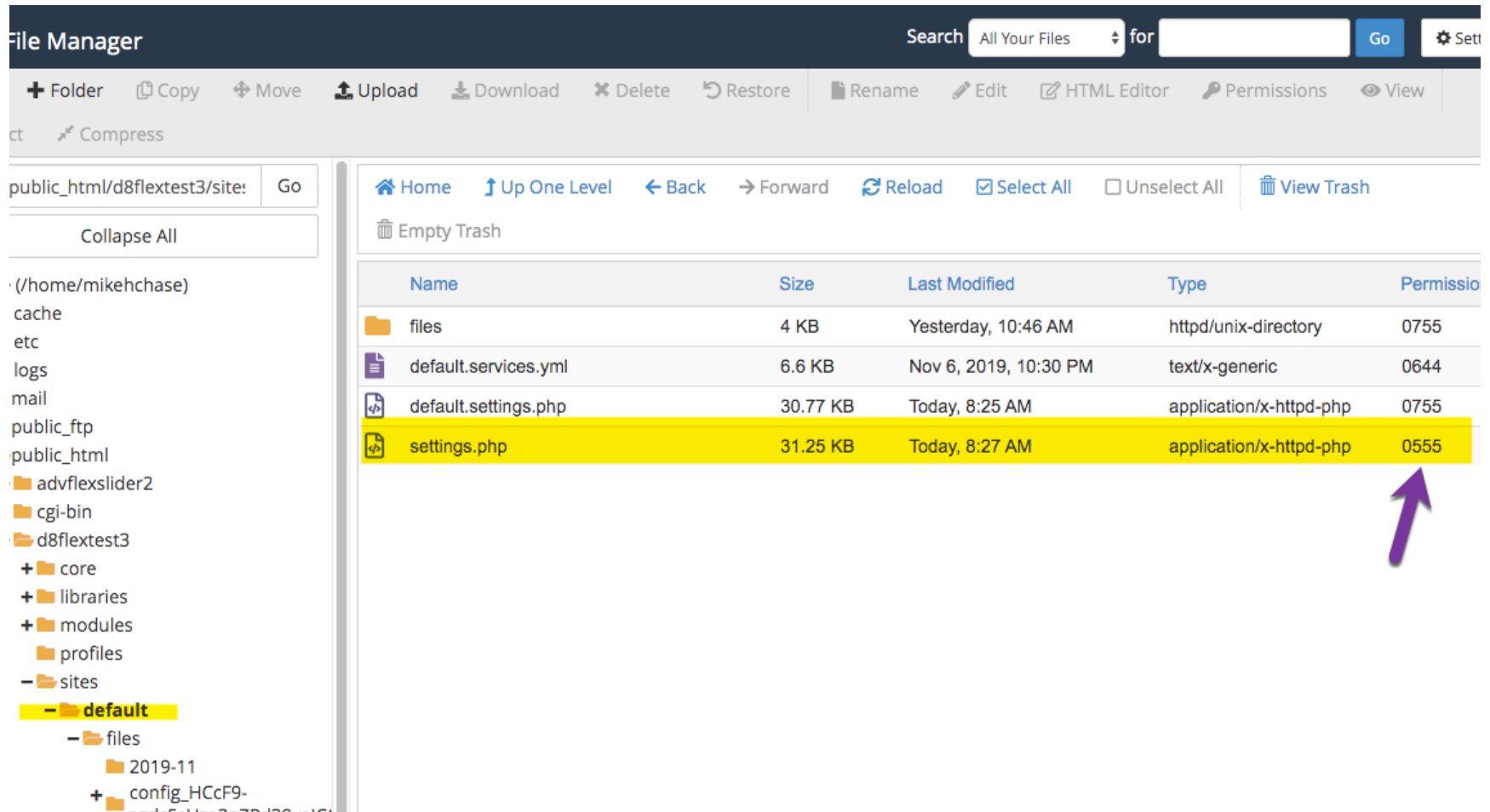
- /home/mikehchase
 - cache
 - + etc
 - logs
 - + mail
 - + public_ftp
 - public_html
 - + advflexslider2
 - cgi-bin
 - d8flextest3
 - + core
 - + libraries
 - + modules
 - profiles
 - sites
 - default
 - files
 - 2019-11

Home Up One Level Back Forward Reload Select All Unselect All View Trash

Empty Trash

Name	Size	Last Modified	Type	Permissions
default	4 KB	Today, 8:27 AM	httpd/unix-directory	0755
development.services.yml	310 bytes	Nov 6, 2019, 10:30 PM	text/x-generic	0644
example.settings.local.php	4.41 KB	Nov 6, 2019, 10:30 PM	application/x-httpd-php	0644
example.sites.php	2.31 KB	Nov 6, 2019, 10:30 PM	application/x-httpd-php	0644
README.txt	515 bytes	Nov 6, 2019, 10:30 PM	text/plain	0644

Select default, and change the settings.php permissions to 755



The screenshot shows a File Manager interface with a dark blue header and a light gray toolbar. The left sidebar displays a directory tree for the path `public_html/d8flextest3/site:`. The main area shows a table of files and folders. The file `settings.php` is highlighted in yellow, and a purple arrow points to its permissions, `0555`.

Name	Size	Last Modified	Type	Permissions
files	4 KB	Yesterday, 10:46 AM	httpd/unix-directory	0755
default.services.yml	6.6 KB	Nov 6, 2019, 10:30 PM	text/x-generic	0644
default.settings.php	30.77 KB	Today, 8:25 AM	application/x-httpd-php	0755
settings.php	31.25 KB	Today, 8:27 AM	application/x-httpd-php	0555

Change settings.php permissions to 755 and Save

The screenshot shows a file manager interface with a sidebar on the left displaying a directory tree. The main area on the right shows a table of files and folders. The file 'settings.php' is selected, and a context menu is open over its permissions field, showing the current value '0755' and options to 'Save' or 'Cancel'.

File Manager Sidebar:

- /home/mikehchase)
- ache
- !tc
- ogs
- rail
- ublic_ftp
- ublic_html
- advflexslider2
- cgi-bin
- d8flextest3
- + core
- + libraries
- + modules
- profiles
- sites
- **default**
- files

File Table:

Name	Size	Last Modified	Type	Permissions
files	4 KB	Yesterday, 10:46 AM	httpd/unix-directory	0755
default.services.yml	6.6 KB	Nov 6, 2019, 10:30 PM	text/x-generic	0644
default.settings.php	30.77 KB	Today, 8:25 AM	application/x-httpd-php	0755
settings.php	31.25 KB	Today, 8:27 AM	application/x-httpd-php	0755

Context Menu:

- Save
- Cancel

Select settings.php, context click (right click) and edit

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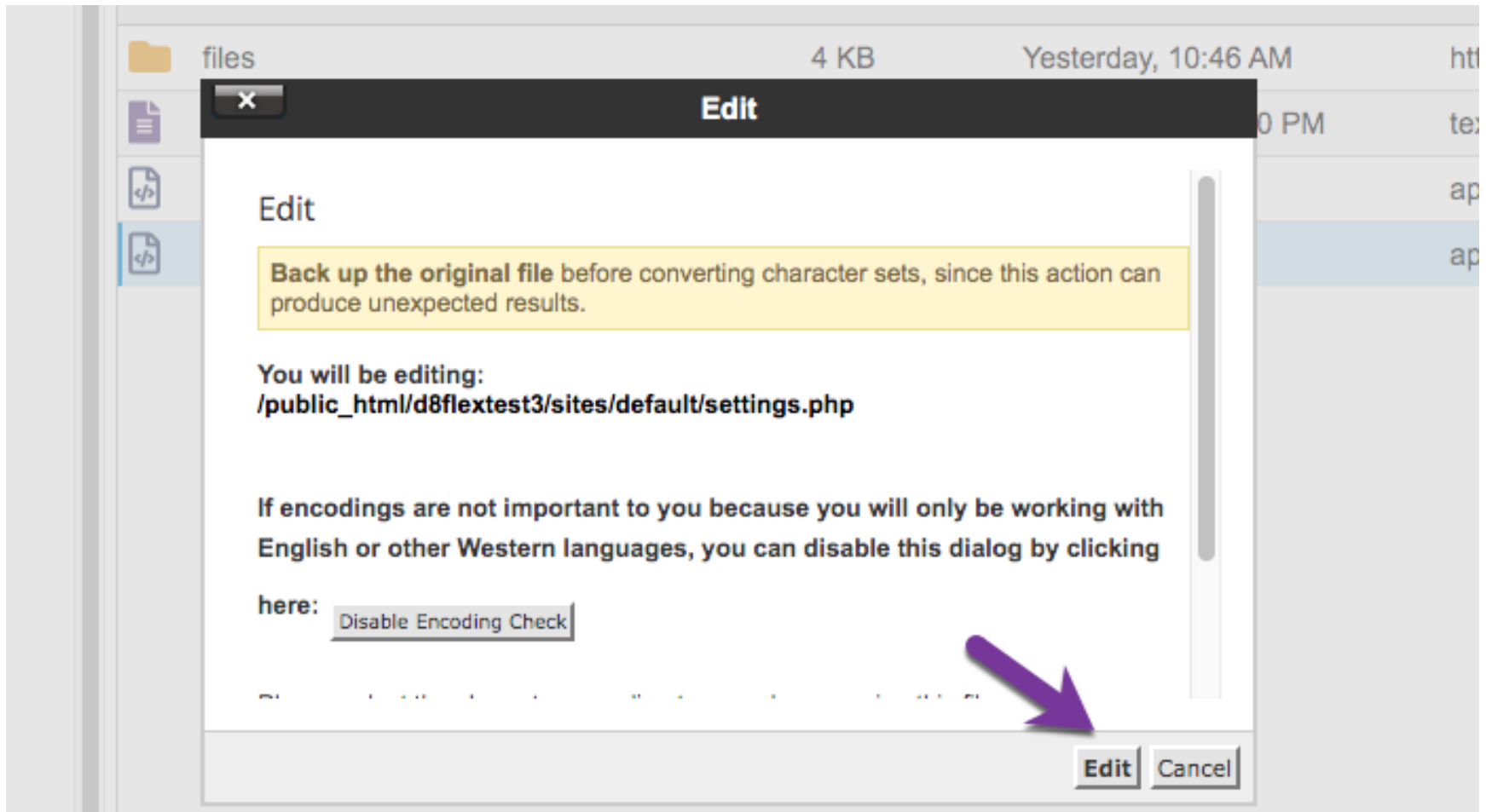
019-11
onfig_HCcf9-
pdc5zUze3nZPd38valC

Empty trash

Name	Size	Last Modified	Type	Per
files	4 KB	Yesterday, 10:46 AM	httpd/unix-directory	075
default.services.yml	6.6 KB	Nov 6, 2019, 10:30 PM	text/x-generic	064
default.settings.php	30.77 KB	Today, 8:25 AM	application/x-httpd-php	075
settings.php	31.25 KB	Today, 8:27 AM	application/x-httpd-php	075

- Download
- View
- Edit
- Move
- Copy
- Rename
- Change Permissions
- Delete
- Compress

Select Edit



Search for “Trusted host”

its location is somewhere around line 696

```
670 # $config['system.performance']['fast_404']['html'] = '<!DOCTYPE html><html
    ><head><meta http-equiv="Content-Type" content="text/html; charset=utf-8"
    ><title>404 Not Found</title></head><body><h1>Not Found</h1><p>The requested
    URL "@path" was not found on this server.</p></body></html>';
671
672 /**
673  * Load services definition file.
674  */
675 $settings['container_yamls'][] = $app_root . '/' . $site_path . '/services.yml';
676
677 /**
678  * Override the default service container class.
679  *
680  * This is useful for example to trace the service container for performance
681  * tracking purposes, for testing a service container with an error condition or
682  * to test a service container that throws an exception.
683  */
684 # $settings['container_base_class'] =
    '\Drupal\Core\DependencyInjection\Container';
685
686 /**
687  * Override the default yaml parser class.
688  *
689  * Provide a fully qualified class name here if you would like to provide an
690  * alternate implementation YAML parser. The class must implement the
691  * \Drupal\Component\Serialization\SerializationInterface interface.
692  */
693 # $settings['yaml_parser_class'] = NULL;
694
695 /**
696  * Trusted host configuration.
697  *
```

Try and solve (B) Trusted Host Settings Research on the WEB

The Drupal logo is displayed in white text on a blue background with a grid pattern.

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How to Configure Trusted Host Patterns?

Posted by [scanner737](#) on *June 30, 2016 at 7:35pm*

Just installed Drupal 8 and am getting a notice in my Status Report that Trusted Host Patterns has not been configured in my settings.php.

Can someone tell me exactly what I need to change or add to my settings.php file in order to fix this?

Thanks in advance.

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We are seeing the error, so we must fix it

[Log in](#) or [register](#) to post comments



I get the same too

[Rosina Ramos](#) commented 29 days ago

I'm doing web hosting and not localhost, should I add the IP too?
thank you

[Log in](#) or [register](#) to post comments



Localhost is an alias for

[Sam Moore](#) commented 27 days ago

Localhost is an alias for whatever box you're running on, whether it's hosted elsewhere or on your own machine.
If you're not getting complaints in the status report, then you don't need to change anything.

=====
Resonetrics: Better Tools for Building Brands
<http://resonetrics.com>
<http://technologyformarketers.com>
<http://kittenassociates.org>
<http://www.linkedin.com/in/sammooreatresonetrics>

[Log in](#) or [register](#) to post comments

About the fix

- The fix is PHP code and it's a regular expression syntax
- When we installed on EQ hosting, so our website is an in-directory site on an assigned EQ hosting domain
 - Mine domain is <http://mikehchase.eqhosting.com/>
 - Do not copy in the in-directory website as part of the path, **we only want the domain URL**

Trusted host boilerplate Code

The code below is a boilerplate example of what we want to code, we just have to replace the example domain name with our domain name

```
* $settings['trusted_host_patterns'] = array(  
*   '^www\.example\.com$',  
* );
```

Regular Expression Syntax

Metacharacter Sequence	Meaning	Example Expression	Example Match
^	Start of string or line	^abc	abc (appearing at start of string or line)
\$	End of string, or end of line	xyz\$	xyz (appearing at end of string or line)
\b	Word boundary	ing\b	match ing (matches ing if it is at the end of a word)
\B	NOT word-boundary	\Bing\B	st inger (matches ing if it is not at the beginning or end of the word)

Literal Characters and Sequences

Metacharacter Sequence	Meaning	Example Expression	Example Match
<code>\\</code>	Literal backslash	<code>\\</code>	<code>\</code>
<code>\^</code>	Literal caret	<code>\^\\{5\\}</code>	<code>^^^^^</code>
<code>\\$</code>	Literal dollar sign	<code>\\$5</code>	<code>\$5</code>
<code>\.</code>	Literal period	Yes <code>\.</code>	Yes <code>.</code>
<code>*</code>	Literal asterisk	typo <code>*</code>	typo <code>*</code>
<code>\[</code>	Literal open bracket	<code>[3\[</code>	<code>3, [</code>

Back to

```
* $settings['trusted_host_patterns'] = array(  
*   '1^2www\3.example\4.com$',  
* );
```

Regular expressions 101

(A) The expression must be enclosed in single quotes, not double quotes.

(1) ^ - the carrot starts the expression, it means start

(2) The \. are literal periods, the \ acts as an escape character

(3) The \$ is the end of the string

```
$settings['trusted_host_patterns'] =  
array(  
    '^mikehchase\.\eqhosting\.com$',  
);
```

About the fix

- The code below is a boilerplate example of what we want to code, we just have to replace the example domain name with our domain name

```
* $settings['trusted_host_patterns'] = array(  
*   '^www\.example\.com$',  
* );
```

The code I want to add to the settings file @line 729 is:

```
$settings['trusted_host_patterns'] = array(  
    '^mikehchase\.eqhosting\.com$',  
);
```

Add trusted host regular expression pattern for my EQ Hosting domain after the end of the Trusted host comment block, line 732

```
726 * ];
727 * @endcode
728 * will allow the site to run off of all variants of example.com and
729 * example.org, with all subdomains included.
730 */
731
732 $settings['trusted_host_patterns'] = array('^mikehchase\.eqhosting\.com$',);
733
734 /**
735 * The default list of directories that will be ignored by Drupal's file API.
736 *
737 * By default ignore node_modules and bower_components folders to avoid issues
738 * with common frontend tools and recursive scanning of directories looking for
739 * extensions.
740 *
```

Adding your sites trusted host regular expression string

- On a web browser, navigate to your D8 home page
- Capture the website home URL
- Paste the URL in an ASCII editor and edit the domain into regular expression syntax
- Edit the settings.php file
- Add your trusted host statement at the end of the Trusted host comment block
- Save the settings.php file
- On the Drupal 8 site - clear all caches
- Test that your site still works

Trusted Host error has been fixed


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Status report ☆

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 **26 CHECKED**
[Details](#)

GENERAL SYSTEM INFORMATION

 Drupal Version 8.7.9	 Last Cron Run Last run 25 minutes 57 seconds ago (more information)	Run cron
 Web Server Apache	 PHP Version 7.0.33 (more information)	 Database Version 5.5.5-10.1.43-MariaDB

What happens if you make a mistake with your regex string?

- You may break your site.