

IBMi Apache HTTP - Zend Server http.conf "include" directive error

Problem

Trying to configure the Zend Server for IBM i, http.conf ZENDSVR6 instance, but the IBM Web GUI will not allow "Save Changes" because of errors with a few include directives.

The default httpd.conf file distributed with Zend Server for IBM i, contain a few "Include" directives with wildcard, that has no .conf files to match at install time.

Solution

The Include directive `/usr/local/zendsvr6/etc/sites.d/globals-*.conf`
Can be commented out, it is included for compatibility with previous Zend Server versions.

The include directive `/usr/local/zendsvr6/etc/sites.d/vhost_*.conf`
Can be commented as well until you start using the deployment option that will create the matching .conf files.

httpd.conf

Please comment out the Include directives with a '#'.
In the configuration file `/www/zendsvr6/conf/httpd.conf`, which can be edited from within the IBM Web Admin (Tools -> Edit Configuration File), find these two lines (near the end of the file);

```
Include /usr/local/zendsvr6/etc/sites.d/globals-.conf
Include /usr/local/zendsvr6/etc/sites.d/vhost_.conf
```

Insert the '#' in front of each line to comment it out:

```
# Include /usr/local/zendsvr6/etc/sites.d/globals-.conf
# Include /usr/local/zendsvr6/etc/sites.d/vhost_.conf
```



Information

Apache version 2.4 The [IncludeOptional](#) directive allows inclusion of other configuration files from other server configuration files. It works identically to the [Include](#) directive, with the exception that if wildcards do not match any file or directory, the [IncludeOptional](#) directive will be silently ignored instead of causing an error.



Note

This change can affect customers upgrading from earlier versions:
[After upgrading to IBM i 7.2 or higher, the ZENDSVR6 Apache instance will not start](#)

Related articles

Explore the following information on Zend Server virtual host and deployment:

[Working with Virtual Hosts](#)

[Deployment](#)

[After upgrading to IBM i 7.2 or higher, the ZENDSVR6 Apache instance will not start](#)

Ap

- [Correct the fastcgi.conf file - Define the correct "active" php.ini file and correct the INSTALLATION_UID \(replace TIMESTAMP\)](#)

- Zend Server for IBM i User Interface won't update, ZSDAEMON not active
- Grant permissions for php-cli users on IBM i
- Getting started with the PDO_ODBC PHP extension on the IBM i
- Set IBM i Apache Timeout to a shorter time to recover from lock ups faster