

dotDefender v4.2 for Apache

Installation Guide



Applicure Web Application Firewall

Installation Process

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System Requirements

When installing dotDefender, the following information is needed:

1. Path to the HTTPD binary
2. Path to the httpd.conf
3. Command for restarting Apache

dotDefender operation requires any of the following:

Web Server: Apache 2.0.X or higher, Apache 2.2.X

Platform: Linux (packages: RPM, Debian, Generic)

Perl Interpreter

GLIBC 2.3.2 or higher

If present - SQLite 3.5.6 or higher

Installing dotDefender

1. Extract the downloaded gz file.

For example: **gunzip dotDefender-3.8-5.Linux.i386.rpm.bin.gz**

Note: Installation must be performed using root permissions.

After installation has finished – Restart Apache server!

Make sure that "umask" equals to "022".

2. Start the installation dialog by executing the bin file.

For example: **sh ./dotDefender-3.8-5.Linux.i386.rpm.bin**

1. Troubleshooting

If you experience any issues loading the dotDefender interface, please review the following points to isolate your problem.

Cannot run the installer – no execute permissions:

If you are executing the command “# sh dotDefenderr-3.8-5.Linux.i386.deb.bin” (for example), in order to run the installer, and a “No Execute Permissions” error appears, it most likely relates to the “/tmp” directory or its mount:

1. Create a directory with permissions – simply execute mkdir /[some_dir_name] (“mkdir /dD_ttt”)
- Use the following command (for example) to run the installer under the newly created directory:
“TMPDIR=/dD_ttt sh dotDefenderr-3.8-5.Linux.i386.deb.bin”

libXML issue:

- a) Get the process ID of one apache child (run “ps aux | grep httpd”)
- b) Run # “cat /proc//maps | grep libxml” to get the path to libxml
- c) Run the utility from “/usr/local/APPCure/bin/change_soname”, which receives two arguments:
 - The path from the second step, and
 - An output location, for example: change_soname /usr/lib/libxml2 /tmp
- d) Copy the output file called libXML2.so.2 and replace the one at /usr/local/APPCure/contrib
- e) Restart Apache

suEXEC integration (From the Applicure knowledgebase):

[http://applicuresupport.helpserve.com/index.php?
_m=knowledgebase&_a=viewarticle&kbarticleid=29&nav=0,13](http://applicuresupport.helpserve.com/index.php?_m=knowledgebase&_a=viewarticle&kbarticleid=29&nav=0,13)

cPanel integration (From the Applicure knowledgebase):

[http://applicuresupport.helpserve.com/index.php?
_m=knowledgebase&_a=viewarticle&kbarticleid=30&nav=0,13](http://applicuresupport.helpserve.com/index.php?_m=knowledgebase&_a=viewarticle&kbarticleid=30&nav=0,13)

Please help us help you!

Link to our knowledgebase: [http://applicuresupport.helpserve.com/index.php?
_m=knowledgebase&_a=view&parentcategoryid=13&pcid=0&nav=0](http://applicuresupport.helpserve.com/index.php?_m=knowledgebase&_a=view&parentcategoryid=13&pcid=0&nav=0)

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