



Installing and Configuring Apache Server on Windows

Version 2.5



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Information

The information here will guide you through the installation of an Apache Web server with a PHP module on a Windows PC. (Normally, both modules would have been installed and automatically configured during the installation of conversations (formerly teamXchange). Having an Apache server installed is a prerequisite for using the conversations Web administrator GUI.

A PHP interpreter is required as the administration program is written in the script language PHP.

Prerequisite

The computer needs to have a network connection to the conversations server.

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1. Installing Apache-Server and PHP module

If you want to use the administration GUI, download an Apache server and the "PHP-Modul", and install and configure them.



The following instructions were tested for the PHP module 5.2.0 and the Apache HTTP server 2.2.3.
There may be minor changes for other versions!

1. Downloading the Apache server

- Download version 2.2.3 of the Apache HTTP server and install it.

Is an IIS installed on the Windows® PC,

- make sure that the IIS service is disabled and start the Apache server service instead.

2. Downloading the PHP module

- Download PHP 5 2.0 as unzip and store the module in a PHP folder (e.g., in `C:\php`).

2. Configuring the Apache-Server and the PHP module

Copying and renaming php.ini

- Navigate to the `php.ini-dist` file in the PHP folder.
- Rename `php.ini-dist` into `php.ini` and copy `php.ini` into the folder `C:\windows\`

Depending on the Windows version used, this system folder is either called `windows` or `winnt`.

Customizing php.ini

You need to edit some lines of code in `php.ini`.

- Open `php.ini`.
- In the section `Path and Directories`, change the following 2 lines:
`extension_dir = C:\php\ext`
`doc_root = C:\program files\conversations\html`
- In section `Dynamic Extensions`, activate the following line:
`extension = php_ldap.dll`

Copying DLL files

- In the PHP folder, find the files `library32.dll` and `ssleay32.dll` and copy them to the folder `C:\windows\system32`.

Customizing the configuration file

You need to edit some lines of code in the Apache configuration file.

- In the Apache folder `conf`, open the file `httpd.conf`.

- In section `AddType`, add the following 2 lines:

```
AddType application\x-httpd-php .phtml .php
```

```
AddType application\x-httpd-php-source .phps
```

- Change the Document Root and the Directory as follows:

```
DocumentRoot "C:\ program files \conversations\html"
```

```
Directory "C:\ program files \conversations\html"
```

Restarting Apache

- Restart the Apache server service for the changes to become effective.

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