

If you want to use Rainlendar 2's network functionalities, you need access to a WebDAV (Web based Distributes Authoring and Versioning) compatible web server. Maybe you already have a network based drive, then you're fine. But if you don't, and have direct access to your Apache web server configuration, you can set up Apache for the use of WebDAV.

To use the Apache webdav services, you first need to enable the DAV plugins.

Windows:

Enable these lines in your `httpd.conf` at the modules section. You can find the file following this path: `($APACHE_INSTALLATION_PATH)/conf/`

```
LoadModule dav_module modules/mod_dav.so
LoadModule dav_fs_module modules/mod_dav_fs.so
```

Linux:

Compile your Apache web server including the DAV extensions. Follow link below for a manual:

[http://www.webdav.org/mod\\_dav/install.html](http://www.webdav.org/mod_dav/install.html)

Next you are off to set up the directory. Create the new directory `webdav` in your server root. This is where our data will be stored. Copy an existing rainlendar calendar file into that directory (you can find it under Windows in `($YOUR_DOCUMENT_ROOT)/($YOUR_USER_NAME)/rainlendar2/Default.ics`. To keep overview, you should rename the file in your new directory to `rainlendar.ics`.

For obvious security reasons, we need to setup a password for our new directory. Apache delivers the `htpasswd` tool for such purposes. You can find it in `($APACHE_INSTALLATION_PATH)/bin/`.

Create a new user:

```
htpasswd -c USERNAME .htpasswd
```

The tool will ask for a password. After you're finished, move the file to your `webdav` directory. Don't worry, Apache blocks web access to files starting with `.ht`.

Now we're done with this, the `httpd.conf` needs some extra lines. Look for the directories section and add this block. Be sure all paths are correct.

```
<Directory "FILEROOT/webdav">
    Options FollowSymLinks
    AllowOverride None
    Order allow,deny
    allow from 127.0.0.1
    AuthUserFile "FILEROOT/webdav/.htpasswd"
    Authname "Please identify"
    AuthType Basic
    require valid-user
    satisfy any
</Directory>
```

You can remove the line `allow from 127.0.0.1` if your server is not on your own machine. Or you may change it to `192.168.` if it is in your network and you want to grant access to all machines there without using a password.

All other addresses need to supply the password.

Now restart your server!

As our server is (hopefully) running, you need to inform Rainlendar2 about our brand new WebDAV service. Go to options/calendars, click *Add...*, select as type "Network shared calendar". Add the server's URL including your `rainlendar.ics` file:  
`webdav://myserver/webdav/rainlendar.ics`

Add the name and user you chose when creating the password file and give your calendar a name. After doing this, you may change the default poll frequency from 0 to another value (this is the value in minutes your local calendar synchronizes with the network calendar). If you're behind a proxy, don't forget to include that information, too.

Click *OK*. After doing this, Rainlendar should synchronize with the network calendar immediately. You're done!