

Section:	Internals/Files
----------	-----------------

During regular operations, no operation on OMNI requires a particular knowledge about the files used by OMNI or the directory structure.

For the first configuration of the system however, the default configuration should be adjusted, and for some advanced usage such as trigger analysis, the format and location of the files is useful.

The file `/home/omni/default.conf` contains the default configuration that the newly associated station will use. Here is a sample `default.conf` file (see Internals/Configuration):

```
OshGetLogCommand=yes
OshGetInfoCommand=yes
OshGetErrorCommand=yes
OshGetParamCommand=yes
OshGetTriggerCommand=yes
ForceParameters=yes
```

```
MailFrom=omni@mydomain.com
MailTo=omniadmin@mydomain.com
SmtServer=smtp.mydomain.com
```

```
OshWait=yes
OshConnect=yes
OshRunCommand=yes
```

```
MinPause=60
```

In the directory `/home/omni/` also lie the following files and directories:

<code>cmdqueue</code>	Internal use: OMNI commands in queue *
<code>evtid</code>	Internal use: event counter *
<code>tthttpd.conf</code>	Internal use: web server configuration *
<code>html</code>	Temporary files *
<code>index.html</code>	Internal use (main entry point) *
<code>www</code>	Internal use (various scripts and programs) *
<code>Omni2</code>	Internal use (various scripts and programs) *
<code>groups</code>	Group settings *
<code>networks</code>	Network definitions, used only if the security options are enable
<code>password</code>	Password file, exists only if the security options are enable

* These files should never be changed by the user nor the directory content be changed.

Each station lives in its own directory under `/home/omni`. In the station directory are stored the following files and subdirectories:

<code>config</code>	Individual configuration file (always exists, may be empty).
<code>parameters</code>	Individual parameter file (may not exist).
<code>groups</code>	Contains the name of the group the station belongs to.
<code>noalerts</code>	List the alert flags to be ignored, use “ ” as separator.
<code>stalta</code>	STA and LTA bounds. See below.
<code>Data/</code>	Event directory.
<code>requests/</code>	Data requests in queue (internal use).
<code>commandqueue/</code>	Commands in queue (internal use).
<code>LEPF.log</code>	Contains the current state of the manager for the current station (internal use).
<code>LEPF.oaf</code>	Osiris alert file.
<code>LEPF.oef</code>	Osiris error file.
<code>LEPF.oif</code>	Osiris information file.
<code>LEPF.olf</code>	Osiris log file.
<code>LEPF.opf</code>	Osiris parameter file.
<code>LEPF.otf</code>	Osiris trigger file (see the Osiris documentation for the format).
<code>other *.log</code>	Log file used for debug (internal use).
<code>html/</code>	Temporary directory (internal use).
<code>pid, running</code>	Process control files (internal use).

In no case should the files or directory marked 'internal use' or not listed above be modified.

File stalta

This file, if it exists is used to check the STA and LTA values. The format is :

```
staN min max  
ltaN min max
```

N is the channel number, min and max are the upper and lower bounds, if min or max is set to -1, then the bound is ignored.