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# Updating an entry in the Monitoring server

This document describes how to add/modify an entry in the **MRTG** and **awstats** pages of the monitoring server. These actions are to be taken after a new squid or launchpad is commissioned at a site.

## Adding a Launchpad's tomcat monitoring (**awstats** and **chkthread**)

- Set RSYUSER = username
- Set RSYPASS = password
- Set MSVUSER = squidmon
- Set AWSDDIR = data/awstats

### Prerequisites

- The **rsync** username and password for transfers of **awstats** and **chkthread** files from the site's Launchpad and the monitoring server is configured in `/etc/rsyncd.secrets`
- A corresponding entry for the **rsync** username exists in `/etc/rsyncd.conf`
- The folder `~squidmon/data/awstats/username` is created, owned by the user `squidmon`

Then, check that the associated user has an entry in `~dbfrontier/dist/rpms/awstats/SiteProjectNodesMapping`, for each machine (i.e. atlasfrontier3) in a machine group (i.e. atlasfrontier) to be monitored by awstats. An entry in that file is of the form:

```
group hostname(DNS) machine_name
```

where the group matches exactly the rsync user in `rsyncd.secrets`.

Next, for each machine group that you are adding, create two folders: `~dbfrontier/data/awstats//~dbfrontier/data/awstats//chkthread_` And likewise for each machine within the machine group `~dbfrontier/data/awstats//~dbfrontier/data/awstats//chkthread_`

Afterwards, go to `~dbfrontier/local/apache/awstats/wwwroot/cgi-bin` and create an `awstats.conf` file by cloning and suitably modifying one of the single-machine `.conf` files (like `awstats.atlasfrontier1.conf`). Do likewise for the group-level configuration, `awstats.conf`, based on i.e. `awstats.atlasfrontier.conf`.

Finally, add a line at the bottom of the script `~dbfrontier/local/apache/awstats/etc/awmerge.sh`, that goes like:

```
domerge / ...
```

## New Version of Awstats Client Entry Creation

### RSYNC Set up

#### Rsync files

<code>/etc/rsyncd.secrets</code>
<code>/etc/rsyncd.conf</code>

- **rsyncd.secrets** has **user** and **pass** for authentication between launchpad server and monitoring server to transfer monitoring data.

- **rsyncd.conf** has all the entries based on experiment like:

```
[awstats_cerncms]
```

```
path = /home/squidmon/data/awstats/cerncms
```

```
auth = cerncms
```

```
hosts allow = IPs
```

```
/data/home/squidmon/www/awstatsSiteProjectNodesMapping
```

The **SiteProject** column is **user** in **rsyncd.secret**

## Manual steps:

- The **rsyncd.conf** will be updated the night after **SiteProjectNodesMapping** checked in the SVN.  
`conf/awstats/SiteProjectNodesMapping`
- Add new join machine to the experiment group type file in  
`wwwsrc/awstats/cms.html`

It is required to define three variables in fore-mentioned file like **id**, **kind** and **name** which **id** and **kind** are in correspond with **awstats** and **mode** in **SiteProjectNodesMapping** file and the rest can be followed by the pattern

- configuration file need to be created in  
`etc/awstats/wwwroot/cgi-bin/awstats.awstats_name.conf`

Inside the configuration file it only required to change two parameters

```
DirData, e.g. /home/squidmon/data/awstats/fnalcms/fnal-cmsbproxy1
```

```
SiteDomain, e.g. fnal-cmsbproxy1
```

- For merging all machines in a group just needed to add one line to **awmerge.sh** script in  
`scripts/awmerge.sh`
- Final step is to publish changes in wlcgsquidmon machine by `l=~squidmon/bin/squidmon_publish=l`

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This topic: Frontier > MonitoringServerEntryUpdate

Topic revision: r8 - 2017-09-13 - unknown



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