

# Manual migration of historical data

I have written that when i migrated a Monitor 5 system on a 32bit APS to Monitor 6 (64 bit APS). The challenge here: we built up a second Monitor system with the new version 6 with a new IP, the migration took several weeks as we had a lot of plugins to fix, problems with reporting, firewall rules, access lists etc.

After the new system was running as it should, we needed to re-migrate the historical data from the Monitor 5 system to the new one, overriding the version 6's historical data. I have extracted the needed parts of op5-backup and op5-restore to achieve this task:

On old system:

```
./backup-historical-data.sh
```

...generates a file called historical\_data\_<datetime>.tar.gz under /root

Copy historical\_data backup file over to new machine via scp or whatever

The script does the following:

Create a workdir, dump merlin database into workdir, export all rrd files to the workdir, tar workdir into a tgz, delete workdir.

On the new system:

```
./restore-historical-data.sh <historical_data_....tar.gz>
```

The script does the following:

create workdir, extract historical\_data file into workdir, convert XML files to RRD files in /opt/monitor/op5/pnp/perfdata, import merlin database and upgrade its structure, delete workdir.