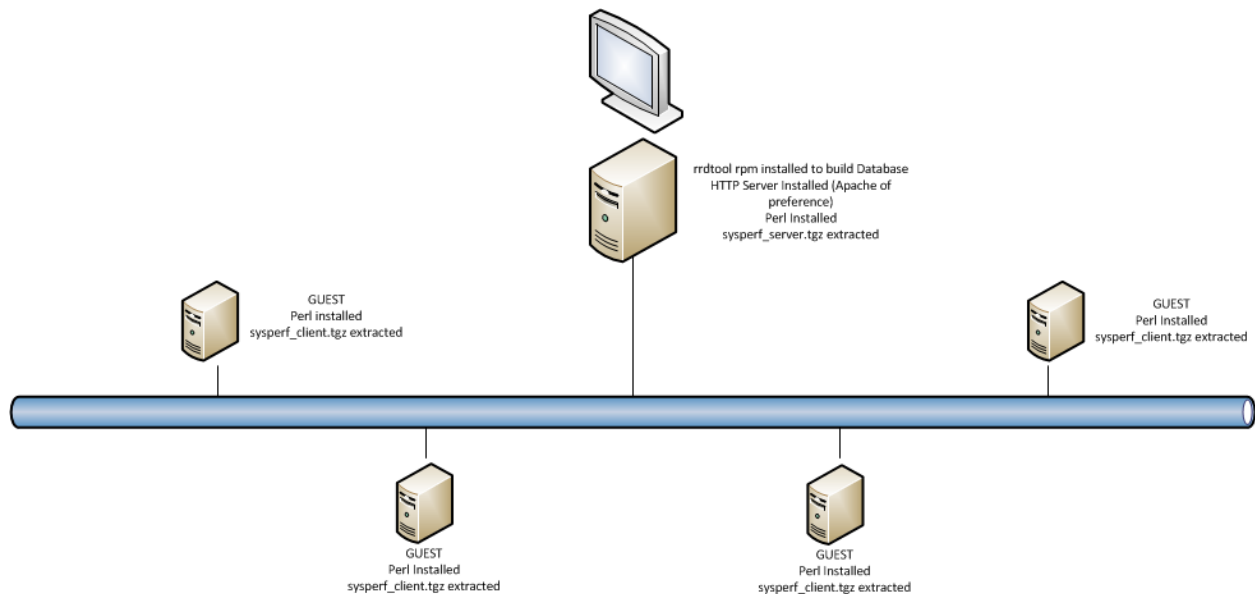


Redhat Linux and Oracle OVM System Performance Monitoring Tool

NOTE: This is a very light (less disk space usage than OSWatcher, about 50 MB of disk space for each host monitored for about 2 years of data). It comes with a Web based interface that allows you to query the systems performance for a range of dates and generates images in the fly. The queried systems performance data can be also printed.

It is very easy to setup and written in perl using RRD tool for the database and generating graphs. You only need a host with a Web Server (Apache) and both perl and rrdtool rpm installed. Then any host that you need to monitor can be added. You can monitor as many host as you can as long as the server hosting the Web Server has enough horse to handle requests from clients to update their RRD databases.

The file `Redhat_Linux_Oracle_OVM_System_Performance_Monitoring_Tool.tgz` contains 2 files `sysperf_server.tgz` and `sysperf_client.tgz` respectively for the Web Server and any client you want to monitor. The Server file contains script which allow you to also monitor its performance



- `sysperf_server.tgz`: Extract this file on the Web server and proceed with the `sysperf/README_server.txt`
- `sysperf_client.tgz`: Extract this file on any guest to be monitored and proceed with the `sysperf/README_client.txt`

Once you extract the tgz files in the Web server and in any client, follow their respective README file to setup the server and any client. Below a few screenshots from my environment.

Round Robin Database Query

← → ↻ 🏠 <https://10.250.102.100/sysperf/rrdbQUERYHOST.cgi> 🔍 ☆ ☰

Select a host

ONEOH704 ▼

start time: Select 0:13

end time: ONEOH701 3:10

Submit Form

ONEOH702

ONEOH703

ONEOH704

ONEOVM700

Round Robin Database Query

← → ↻ 🏠 <https://10.250.102.100/sysperf/rrdbQUERYHOST.cgi> 🔍 ☆ ☰

Select a host

ONEOH704 ▼

start time: 2014-06-24:01:20:13

end time: 2014-06-25:13:36:10

Submit Query Reset Form

Round Robin Database Q...

← → ↻ ⌂ <https://10.250.102.100/sysperf/rrdbQUERYHOST.cgi> 🔍 ☆ ☰

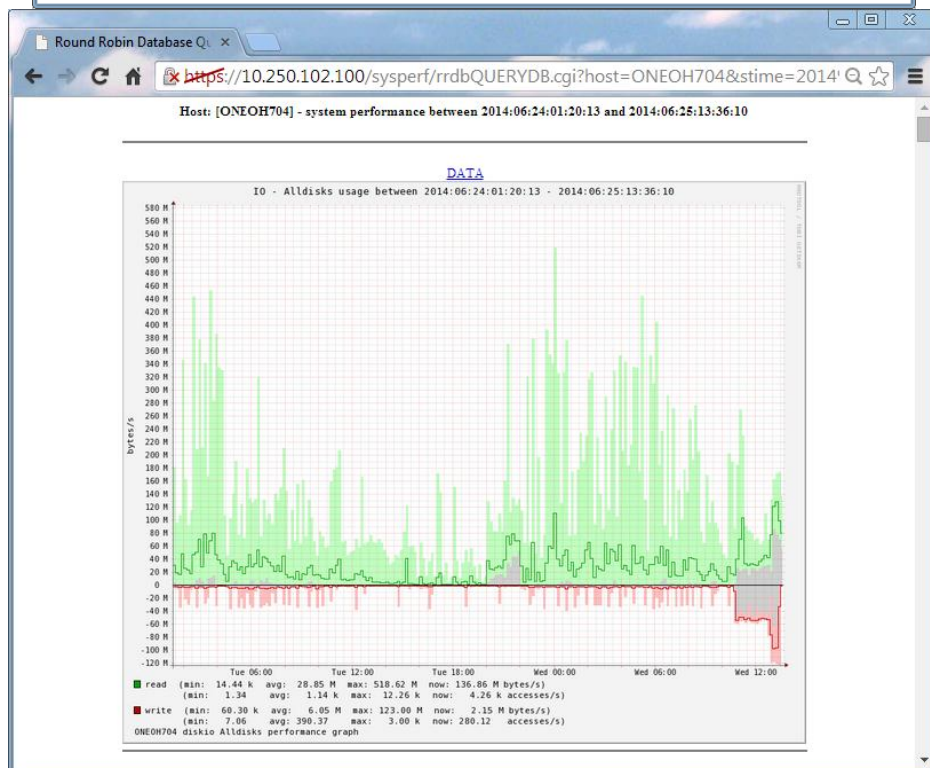
Select a host

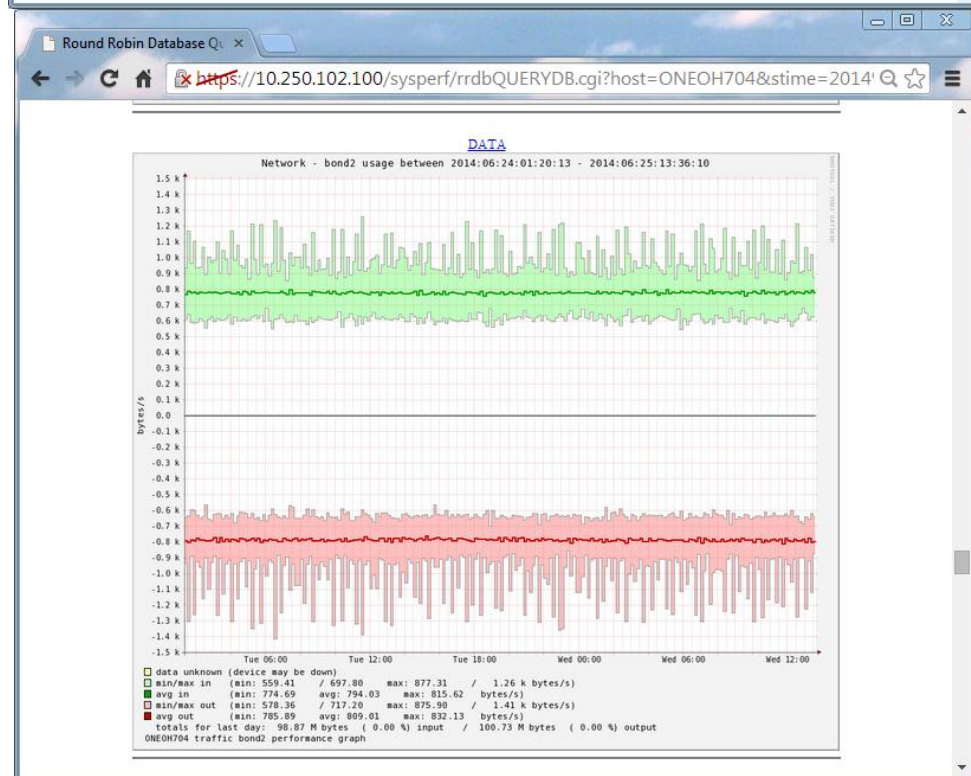
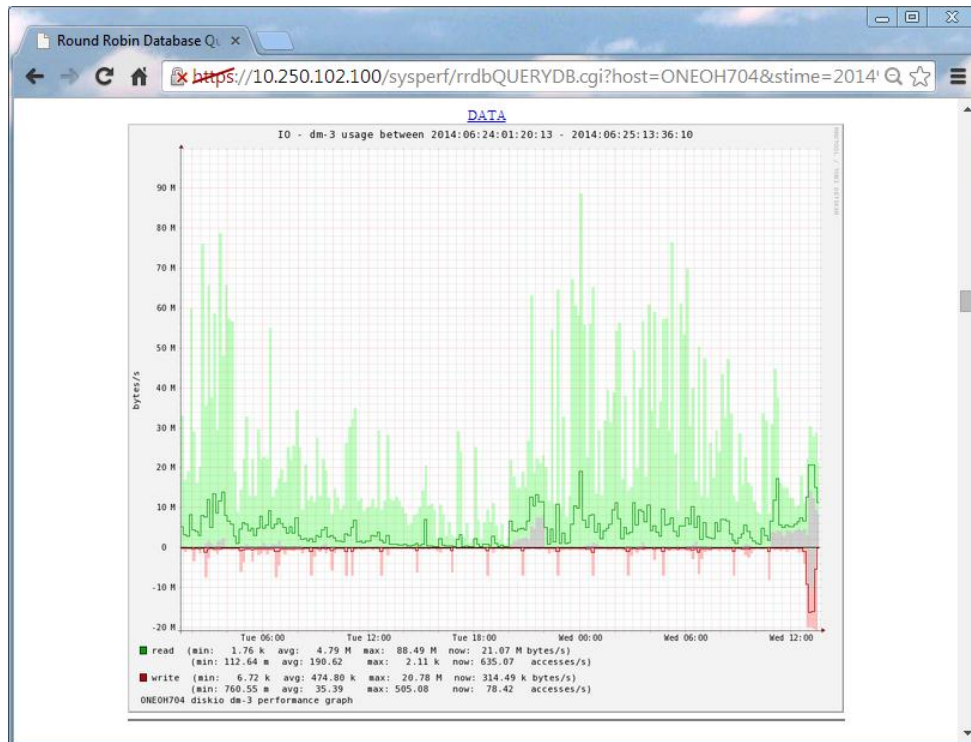
ONEOH704 ▾

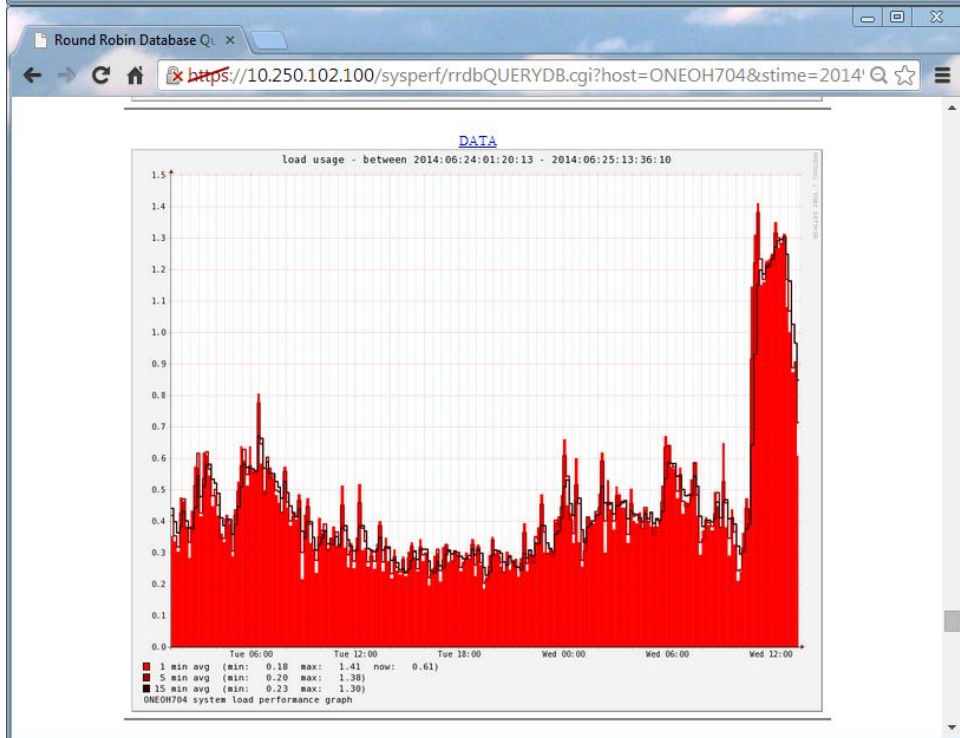
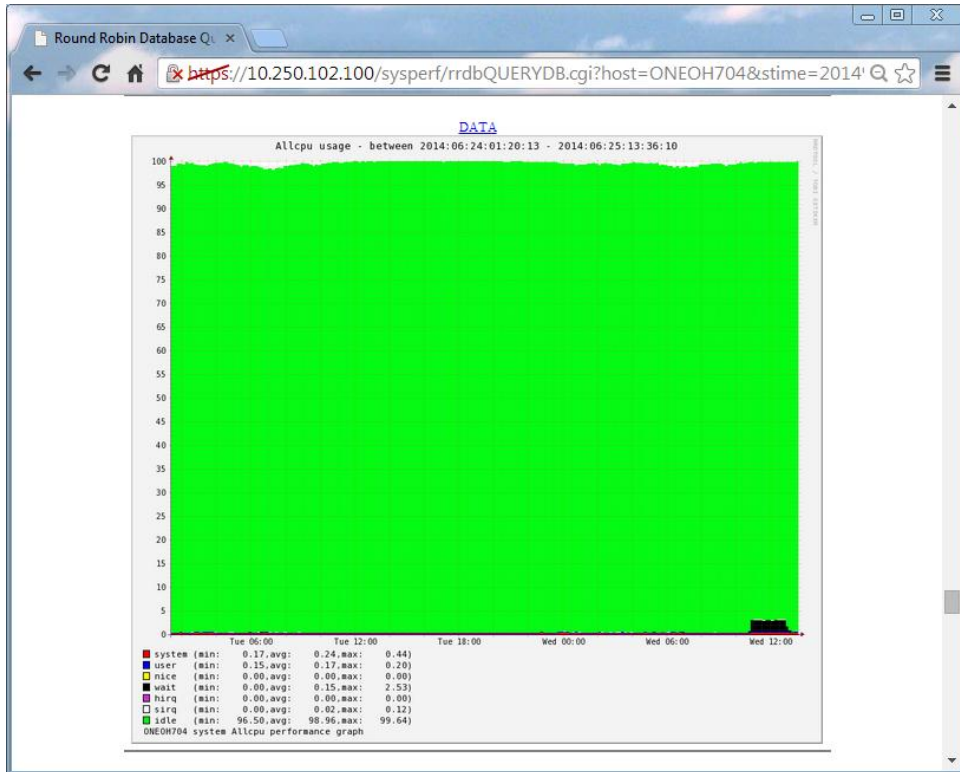
start time: 2014:06:24:01:20:13

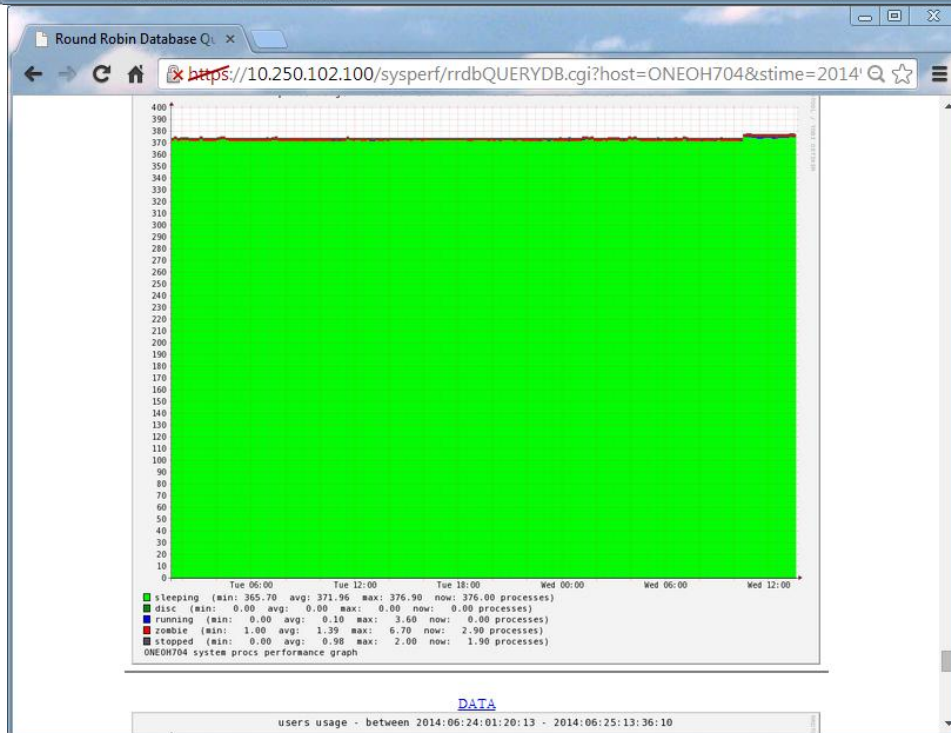
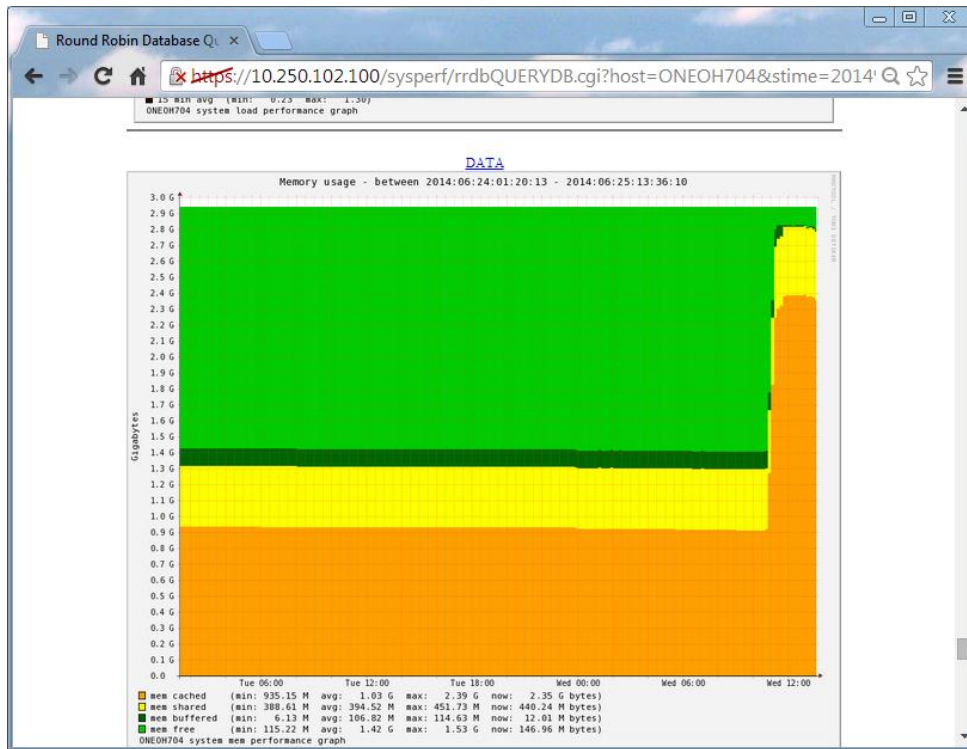
end time: 2014:06:25:13:36:10

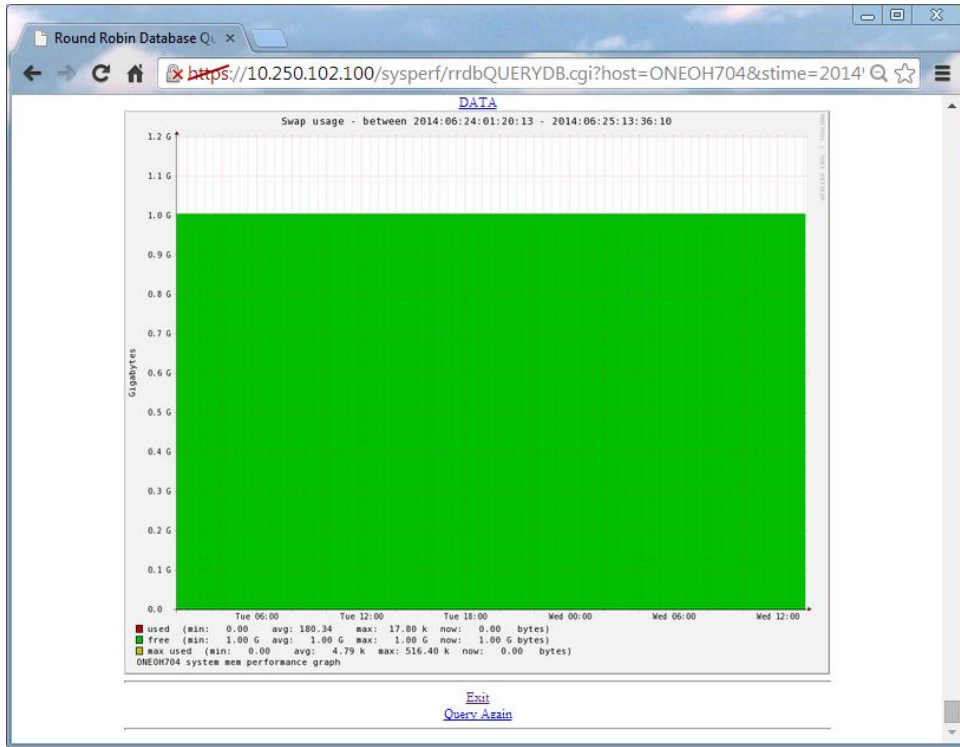
Submit Query Reset Form











https://10.250.102.100/sys		https://10.250.102.100/sysgraph/io_ONEOH704_All	
Date	Time	zacc	zbytt
06/24/2014	01:30:00	1.3752696118e+03	3.2747997629e+07
06/24/2014	01:40:00	1.1725454715e+03	2.0755374254e+07
06/24/2014	01:50:00	7.2564216667e+02	1.7821253739e+07
06/24/2014	02:00:00	1.4536735833e+03	5.0871187413e+07
06/24/2014	02:10:00	9.24731112500e+02	2.7177750400e+07
06/24/2014	02:20:00	8.0712995833e+02	2.4781904725e+07
06/24/2014	02:30:00	7.6235970833e+02	1.9075948587e+07
06/24/2014	02:40:00	1.4136787652e+03	4.9995681749e+07
06/24/2014	02:50:00	2.4016122305e+03	5.3556136974e+07
06/24/2014	03:00:00	3.0381544211e+03	7.4256832522e+07
06/24/2014	03:10:00	1.9654585000e+03	3.0442402688e+07
06/24/2014	03:20:00	3.4563442281e+03	8.2916761026e+07
06/24/2014	03:30:00	2.9353864803e+03	5.2705245992e+07
06/24/2014	03:40:00	3.4089271667e+03	7.2627306005e+07
06/24/2014	03:50:00	3.5356891250e+03	8.4902693173e+07
06/24/2014	04:00:00	1.7335842083e+03	4.9325347221e+07
06/24/2014	04:10:00	1.3189430417e+03	4.1078768299e+07
06/24/2014	04:20:00	1.2471714167e+03	3.5687192947e+07
06/24/2014	04:30:00	6.2786617944e+02	1.7218449341e+07
06/24/2014	04:40:00	3.8365527193e+02	6.8455412772e+06
06/24/2014	04:50:00	1.1359456228e+03	3.0524493243e+07
06/24/2014	05:00:00	1.7273117215e+03	4.0016289338e+07
06/24/2014	05:10:00	1.7455629583e+03	3.6323906496e+07
06/24/2014	05:20:00	1.189217500e+03	2.5627731989e+07
06/24/2014	05:30:00	1.2066248750e+03	3.0404240320e+07
06/24/2014	05:40:00	7.9793297588e+02	1.9551467312e+07
06/24/2014	05:50:00	1.0783183991e+03	2.9804959632e+07
06/24/2014	06:00:00	1.7762967500e+03	4.9380472235e+07
06/24/2014	06:10:00	1.6684564167e+03	3.0323424555e+07
06/24/2014	06:20:00	2.1225780570e+03	5.131919484e+07
06/24/2014	06:30:00	2.8314370263e+03	5.7821343215e+07
06/24/2014	06:40:00	1.8289517500e+03	2.9698353195e+07
06/24/2014	06:50:00	1.8907890307e+03	4.5778755491e+07
06/24/2014	07:00:00	1.5497104276e+03	4.4115273587e+07
06/24/2014	07:10:00	1.2599635417e+03	3.7531984427e+07
06/24/2014	07:20:00	1.1774374444e+03	3.1547707173e+07
06/24/2014	07:30:00	9.5548330556e+02	2.3261500792e+07
06/24/2014	07:40:00	1.1130855833e+03	3.2438266744e+07
06/24/2014	07:50:00	1.1992678730e+03	2.2355537161e+07
06/24/2014	08:00:00	1.4684812893e+03	4.7809663866e+07
06/24/2014	08:10:00	7.8587725439e+02	1.826583026e+07
06/24/2014	08:20:00	6.0335358333e+02	1.3012312917e+07
06/24/2014	08:30:00	6.2836366667e+02	1.4722632939e+07
06/24/2014	08:40:00	5.6571517982e+02	1.0225473609e+07
06/24/2014	08:50:00	8.4016871053e+02	2.2212344639e+07
06/24/2014	09:00:00	4.5322048465e+02	9.7476803548e+06
06/24/2014	09:10:00	6.7515187500e+02	1.9152814763e+07
06/24/2014	09:20:00	1.4302237917e+03	1.7269829248e+07
06/24/2014	09:30:00	1.8775647083e+03	2.8816776000e+07
06/24/2014	09:40:00	1.7085131250e+03	3.2826859776e+07
06/24/2014	09:50:00	1.1219642917e+03	1.6650489621e+07
06/24/2014	10:00:00	9.0041304167e+02	1.8269367829e+07
06/24/2014	10:10:00	7.9479844518e+02	1.6271938716e+07