



# HTCondor Command Line Monitoring Tool

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***condor\_q*** displays information about jobs in the HTCondor job queue.

## Useful options:

<b>-global</b>	Show jobs submitted to all the schedulers
<b>-wide</b>	Do not truncate long lines.
<b>-analyze &lt;job_id&gt;</b>	Analyse a specific job and show the reason why it is in its current state
<b>-better-analyze &lt;job_id&gt;</b>	Analyse a specific job and show the reason why it is in its current state, giving extended info
<b>-long &lt;job_id&gt;</b>	Show all information of the job.
<b>-run</b>	Show information about running jobs.
<b>-hold</b>	Show only jobs in the "on hold" state.
<b>-af &lt;attr1&gt; &lt;attr2&gt; &lt;...&gt;</b>	List specific attributes of jobs, using automatic formatting.



## To offline a worker node:

```
condor_config_val -name <worker node> -startd -set "StartJobs = False"  
sleeps 2  
condor_reconfig -name <worker node>
```

## To online a worker node:

```
condor_config_val -name <worker node> -startd -set "StartJobs = True"  
sleeps 2  
condor_reconfig -name <worker node>
```



## To list online worker nodes:

```
condor_status -server -wide|grep slot1@|awk '{print $1}'|awk -F@ '{print $2}'|sort
```

## To list offline worker nodes:

???



**To list jobs on a worker node:**

```
condor_q -constraint 'RemoteHost == "slot1@<worker node>"'
```

## condor\_wn

a python script which gives a snapshot view of what is running on the cluster.

Uses the below additional python modules:

- **htcondor and classad** – (<https://htcondor-python.readthedocs.io/en/latest/>) to look at the inventory in the pool
- **prettytable** - to get the pretty output
- **yaml** - to read values from a configuration file

## condor\_wn --summary

### displays summary tables:

- CPU Summary
- Number of Jobs
- Jobs per VO
- **Idle Jobs** (displayed if the jobs in the idle queue are more than 1 day old)\*
- **Held Jobs** (displayed if the jobs in the held queue are more than 1 day old)\*
- **Long Running Jobs** (displayed if the jobs in the running queue are more than 4 days old)\*

\* The default value can be changed in the condor\_wn.yaml config file

```

root@t2arc01:/usr/local/bin (on pplxint9.physics.ox.ac.uk)
File Edit View Search Terminal Help
[root@t2arc01 bin]# condor_wn --summary
Condor Jobs Overview on t2arc01.physics.ox.ac.uk Thursday, 04 January 2018 14:21:46
CPU Summary
+-----+
| #CPUsUsed | #CPUsFree | #CPUs | %CPUsUsed |
+-----+
| 2245 | 267 | 2512 | 89 |
+-----+
Jobs Summary
+-----+
| jobs | completed | idle | held | running | removed |
+-----+
| 1634 | 0 | 299 | 0 | 1335 | 0 |
+-----+
Jobs per VO
+-----+
| VO | Status | CPUs | #Jobs | #Cores | CPU Efficiency |
+-----+
| group_ALICE_admin | idle | 1 | 17 | 17 | |
+-----+
| group_ALICE_admin | running | 1 | 500 | 500 | 88.91 |
+-----+
| group_ALICE_standard | idle | 1 | 2 | 2 | |
+-----+
| group_ATLAS_multicore | idle | 8 | 23 | 184 | |
+-----+
| group_ATLAS_multicore | running | 8 | 130 | 1040 | 90.64 |
+-----+
| group_ATLAS_pilot | running | 1 | 7 | 7 | 85.34 |
+-----+
| group_ATLAS_production | running | 1 | 1 | 1 | 54.35 |
+-----+
| group_CMS_pilot | running | 1 | 162 | 162 | 55.86 |
+-----+
| group_ILC_standard | running | 1 | 1 | 1 | 97.59 |
+-----+
| group_LHCB_pilot | running | 1 | 233 | 233 | 97.82 |
+-----+
| group_NA62_pilot | idle | 1 | 257 | 257 | |
+-----+
| group_NA62_pilot | running | 1 | 300 | 300 | 96.26 |
+-----+
| group_SNOPLUS_pilot | running | 1 | 1 | 1 | 98.19 |
+-----+
[root@t2arc01 bin]#

```



`condor_wn --workernode t2wn2,t2wn3` – displays jobs on worker node(s)

```

root@t2arc01:/usr/local/bin (on pplxint9.physics.ox.ac.uk)
File Edit View Search Terminal Help
[root@t2arc01 bin]# condor_wn --workernode t2wn2,t2wn3
Condor Jobs Overview on t2arc01.physics.ox.ac.uk Thursday, 04 January 2018 14:55:04
+-----+-----+-----+-----+-----+-----+-----+-----+
| WorkerNode | Status | #CPUs | %CPU | %Memory | AverageLoad | LoadEfficiency | #Jobs | Jobs |
+-----+-----+-----+-----+-----+-----+-----+-----+
| t2wn2      | online | 64    | 100.0 | 66.3    | 56.5        | 88.33         | 15    | ALICE_admin: 10173335.0: 1: 0 day 16:47:07
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176031.0: 8: 0 day 04:14:15
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176042.0: 8: 0 day 04:13:55
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176043.0: 8: 0 day 04:13:33
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176360.0: 8: 0 day 02:14:23
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176361.0: 8: 0 day 02:13:19
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176362.0: 8: 0 day 02:13:00
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176426.0: 8: 0 day 01:18:12
|            |        |       |       |         |             |               |       | CMS_pilot: 10170979.0: 1: 1 day 03:39:27
|            |        |       |       |         |             |               |       | LHCb_pilot: 10161045.0: 1: 2 days 17:29:41
|            |        |       |       |         |             |               |       | LHCb_pilot: 10163680.0: 1: 2 days 03:53:14
|            |        |       |       |         |             |               |       | LHCb_pilot: 10163683.0: 1: 2 days 03:52:13
|            |        |       |       |         |             |               |       | LHCb_pilot: 10168798.0: 1: 1 day 12:54:20
|            |        |       |       |         |             |               |       | LHCb_pilot: 10168802.0: 1: 1 day 12:53:59
|            |        |       |       |         |             |               |       | LHCb_pilot: 10168806.0: 1: 1 day 12:53:38
+-----+-----+-----+-----+-----+-----+-----+-----+
| t2wn3      | online | 64    | 100.0 | 65.6    | 57.6        | 90.0         | 8     | ATLAS_multicore: 10175936.0: 8: 0 day 04:42:56
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176134.0: 8: 0 day 02:54:15
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176137.0: 8: 0 day 02:53:54
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176146.0: 8: 0 day 02:52:54
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176250.0: 8: 0 day 02:35:18
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176254.0: 8: 0 day 02:34:51
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176255.0: 8: 0 day 02:34:27
|            |        |       |       |         |             |               |       | ATLAS_multicore: 10176338.0: 8: 0 day 02:34:07
+-----+-----+-----+-----+-----+-----+-----+-----+
[root@t2arc01 bin]#

```





`condor_wn --workernode t2wn2,t2wn3 -column 6 --descending` – displays jobs on worker nodes, sorted by column 6 (AverageLoad) and descending order.

```
root@t2arc01:/usr/local/bin (on pplxint9.physics.ox.ac.uk)
File Edit View Search Terminal Help
[root@t2arc01 bin]# condor_wn --workernode t2wn2,t2wn3 --column 6 --descending
Condor Jobs Overview on t2arc01.physics.ox.ac.uk Thursday, 04 January 2018 15:03:18
```

WorkerNode	Status	#CPUs	%CPU	%Memory	AverageLoad	LoadEfficiency	#Jobs	Jobs
t2wn3	online	64	100.0	65.6	56.9	88.86	8	ATLAS_multicore: 10175936.0: 8: 0 day 04:51:10 ATLAS_multicore: 10176134.0: 8: 0 day 03:02:28 ATLAS_multicore: 10176137.0: 8: 0 day 03:02:08 ATLAS_multicore: 10176146.0: 8: 0 day 03:01:08 ATLAS_multicore: 10176250.0: 8: 0 day 02:43:32 ATLAS_multicore: 10176254.0: 8: 0 day 02:43:05 ATLAS_multicore: 10176255.0: 8: 0 day 02:42:41 ATLAS_multicore: 10176338.0: 8: 0 day 02:42:21
t2wn2	online	64	100.0	66.3	56.4	88.12	15	ALICE_admin: 10173335.0: 1: 0 day 16:55:20 ATLAS_multicore: 10176031.0: 8: 0 day 04:22:29 ATLAS_multicore: 10176042.0: 8: 0 day 04:22:08 ATLAS_multicore: 10176043.0: 8: 0 day 04:21:47 ATLAS_multicore: 10176360.0: 8: 0 day 02:22:36 ATLAS_multicore: 10176361.0: 8: 0 day 02:21:32 ATLAS_multicore: 10176362.0: 8: 0 day 02:21:13 ATLAS_multicore: 10176426.0: 8: 0 day 01:26:25 CMS_pilot: 10170979.0: 1: 1 day 03:47:40 LHCB_pilot: 10161045.0: 1: 2 days 17:37:54 LHCB_pilot: 10163680.0: 1: 2 days 04:01:27 LHCB_pilot: 10163683.0: 1: 2 days 04:00:26 LHCB_pilot: 10168798.0: 1: 1 day 13:02:34 LHCB_pilot: 10168802.0: 1: 1 day 13:02:13 LHCB_pilot: 10168806.0: 1: 1 day 13:01:51

```
[root@t2arc01 bin]#
```



```
condor_wn --offline t2wn16
offline worker node t2wn16
```

```
condor_wn --list offline
list all offline worker nodes
```

```
condor_wn --online t2wn16
online worker node t2wn16
```

## Putting All worker nodes online/offline

```
condor_wn --offline ALL
```

Are you sure that you want to put ALL workernodes offline [y/N] y

Are you REALLY sure that you want to put ALL workernodes offline [y/N] N

```

root@t2arc00:usr/local/bin (on pplxint9.physics.ox.ac.uk)
File Edit View Search Terminal Help
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| LHCb_pilot: 16003.0: 1: 0 day 08:49:14 |
| LHCb_pilot: 16017.0: 1: 0 day 07:06:56 |
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
[root@t2arc00 bin]# condor_wn --offline t2wn16 → offline t2wn16
offlining worker node... t2wn16.physics.ox.ac.uk
[root@t2arc00 bin]# condor_wn --list offline → list all offline workernodes
Condor Jobs Overview on t2arc00.physics.ox.ac.uk Thursday, 04 January 2018 15:18:41
CPU Summary
-----+-----+-----+-----+-----+
| #CPUsUsed | #CPUsFree | #CPUs | %CPUsUsed |
-----+-----+-----+-----+-----+
| 9 | 15 | 24 | 37 |
-----+-----+-----+-----+-----+
Jobs Summary
-----+-----+-----+-----+-----+
| jobs | completed | idle | held | running | removed |
-----+-----+-----+-----+-----+
| 9 | 0 | 0 | 0 | 9 | 0 |
-----+-----+-----+-----+-----+
Jobs per VO
-----+-----+-----+-----+-----+
| VO | Status | CPUs | #Jobs | #Cores | CPU Efficiency |
-----+-----+-----+-----+-----+
| group_GRIDPP_pilot | running | 1 | 1 | 1 | 0.47 |
-----+-----+-----+-----+-----+
| group_LHCb_pilot | running | 1 | 8 | 8 | 64.77 |
-----+-----+-----+-----+-----+
Jobs per Workernode
-----+-----+-----+-----+-----+
| WorkerNode | Status | #CPUs | %CPU | %Memory | AverageLoad | LoadEfficiency | #Jobs | Jobs |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| t2wn16 | offline | 16 | 12.5 | 8.5 | 1.0 | 6.4 | 2 | GRIDPP_pilot: 16103.0: 1: 0 day 00:03:32 |
| | | | | | | | | | LHCb_pilot: 15589.0: 1: 1 day 14:41:01 |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
[root@t2arc00 bin]# condor_wn --online t2wn16 → online t2wn16
onlining worker node... t2wn16.physics.ox.ac.uk
[root@t2arc00 bin]# condor_wn --workernode t2wn16 → list jobs on t2wn16
Condor Jobs Overview on t2arc00.physics.ox.ac.uk Thursday, 04 January 2018 15:20:17
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| WorkerNode | Status | #CPUs | %CPU | %Memory | AverageLoad | LoadEfficiency | #Jobs | Jobs |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| t2wn16 | online | 16 | 6.2 | 4.2 | 1.0 | 6.25 | 1 | LHCb_pilot: 15589.0: 1: 1 day 14:42:37 |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
[root@t2arc00 bin]#

```

`condor_wn --list offline`  
list all offline worker nodes

`condor_wn --list online`  
list all online worker nodes

`condor_wn --list multicore`  
list all multicore jobs

`condor_wn --list all`  
list all worker nodes

```

root@t2arc00:usr/local/bin (on pplxint9.physics.ox.ac.uk)
File Edit View Search Terminal Help
[root@t2arc00 bin]# condor_wn --list all
Condor Jobs Overview on t2arc00.physics.ox.ac.uk Thursday, 04 January 2018 15:47:50
CPU Summary
+-----+-----+-----+-----+
| #CPUsUsed | #CPUsFree | #CPUs | %CPUsUsed |
+-----+-----+-----+-----+
|      14  |       10  |    24  |      58  |
+-----+-----+-----+-----+
Jobs Summary
+-----+-----+-----+-----+
| jobs | completed | idle | held | running | removed |
+-----+-----+-----+-----+
|  15  |         0  |    1  |    0  |     14  |        0  |
+-----+-----+-----+-----+
Jobs per VO
+-----+-----+-----+-----+
| VO          | Status | CPUs | #Jobs | #Cores | CPU Efficiency |
+-----+-----+-----+-----+
| group_ILC_standard | running |    1  |    6  |    6  |         0.39 |
+-----+-----+-----+-----+
| group_LHCB_pilot   | idle   |    1  |    1  |    1  |                |
+-----+-----+-----+-----+
| group_LHCB_pilot   | running |    1  |    8  |    8  |         64.12 |
+-----+-----+-----+-----+
Jobs per Workernode
+-----+-----+-----+-----+
| WorkerNode | Status | #CPUs | %CPU | %Memory | AverageLoad | LoadEfficiency | #Jobs | Jobs
+-----+-----+-----+-----+
| t2wn16     | online |    16  | 37.5 | 25.5  |      2.1  |      13.1  |    6  | ILC_standard: 16125.0: 1: 0 day 00:06:45
|            |        |        |      |       |            |            |      | ILC_standard: 16127.0: 1: 0 day 00:06:00
|            |        |        |      |       |            |            |      | ILC_standard: 16129.0: 1: 0 day 00:04:00
|            |        |        |      |       |            |            |      | ILC_standard: 16130.0: 1: 0 day 00:02:03
|            |        |        |      |       |            |            |      | ILC_standard: 16131.0: 1: 0 day 00:01:03
|            |        |        |      |       |            |            |      | LHCB_pilot: 15589.0: 1: 1 day 15:10:10
+-----+-----+-----+-----+
| t2wn41     | online |    8  | 100.0 | 70.0  |      6.7  |      84.2  |    8  | ILC_standard: 16126.0: 1: 0 day 00:06:00
|            |        |        |      |       |            |            |      | LHCB_pilot: 15086.0: 1: 3 days 01:26:42
|            |        |        |      |       |            |            |      | LHCB_pilot: 15573.0: 1: 1 day 17:17:43
|            |        |        |      |       |            |            |      | LHCB_pilot: 15750.0: 1: 1 day 04:53:39
|            |        |        |      |       |            |            |      | LHCB_pilot: 15879.0: 1: 0 day 19:39:43
|            |        |        |      |       |            |            |      | LHCB_pilot: 15968.0: 1: 0 day 13:54:23
|            |        |        |      |       |            |            |      | LHCB_pilot: 16003.0: 1: 0 day 09:19:08
|            |        |        |      |       |            |            |      | LHCB_pilot: 16017.0: 1: 0 day 07:36:50
+-----+-----+-----+-----+
[root@t2arc00 bin]#

```



```
condor_wn --list all --html
list all worker nodes and create an html output
```

- If you don't like the layout of the tables, the template for the output is defined in `condor_wn.yaml` file

## To avoid copying the html file to a webserver

- Install HTCondor RPMs on the webserver
- Copy configuration files:
  - `pool_password`
  - `condor_config`
  - `condor_config.local`
  - `10_security.config`

### Make sure:

- `SCHEDD_HOST` is defined in `10_security.config`  
`SCHEDD_HOST = <scheduler server>`
- Do not start any htcondor daemons

Condor Jobs Overview on t2arc01.physics.ox.ac.uk  
Thursday, 04 January 2018 15:50:42

Jobs per VO

VO	Status	CPUs	#Jobs	#Cores	CPU Efficiency
group_ALICE_admin	idle	1	17	17	
group_ALICE_admin	running	1	500	500	88.33
group_ATLAS_multicore	idle	8	9	72	
group_ATLAS_multicore	running	8	151	1208	89.73
group_ATLAS_pilot	running	1	10	10	55.56
group_ATLAS_production	running	1	4	4	53.42
group_CMS_pilot	running	1	161	161	53.96
group_ILC_standard	running	1	1	1	97.71
group_LHCB_pilot	running	1	221	221	97.82
group_NA62_pilot	idle	1	309	309	
group_NA62_pilot	running	1	300	300	95.63
group_SNOPLUS_pilot	running	1	1	1	98.26

CPU Summary

#CPUsUsed	#CPUsFree	#CPUs	%CPUsUsed
2404	236	2640	91

Jobs Summary

Jobs	completed	idle	held	running	removed
1684	0	335	0	1349	0

Jobs per Workernode

WorkerNode	Status	#CPUs	%CPU	%Memory	AverageLoad	LoadEfficiency	#Jobs	Jobs
t2wn1	online	64	92.2	60.9	58.0	90.6	10	ATLAS_multicore: 10171748.0: 8: 0 day 19:30:32 ATLAS_multicore: 10175121.0: 8: 0 day 07:10:16 ATLAS_multicore: 10175195.0: 8: 0 day 07:02:29 ATLAS_multicore: 10175996.0: 8: 0 day 05:29:40 ATLAS_multicore: 10176003.0: 8: 0 day 05:28:40 ATLAS_multicore: 10176157.0: 8: 0 day 03:44:27 ATLAS_multicore: 10176383.0: 8: 0 day 02:50:05 CMS_pilot: 10166126.0: 1: 1 day 22:51:09 LHCB_pilot: 10168800.0: 1: 1 day 13:49:39 LHCB_pilot: 10168805.0: 1: 1 day 13:49:18
t2wn10	online	16	68.8	45.9	4.0	24.9	4	ALICE_admin: 10173316.0: 1: 0 day 18:15:55 ALICE_admin: 10173727.0: 1: 0 day 16:55:50 ATLAS_multicore: 10171642.0: 8: 0 day 21:10:50 CMS_pilot: 10166488.0: 1: 1 day 21:52:46
t2wn100	online	32	87.5	58.7	26.9	84.2	14	ALICE_admin: 10170076.0: 1: 1 day 06:20:19 ALICE_admin: 10170112.0: 1: 1 day 04:46:29 ALICE_admin: 10170113.0: 1: 1 day 04:42:37 ALICE_admin: 10170146.0: 1: 1 day 02:28:47 ALICE_admin: 10170151.0: 1: 1 day 02:01:54 ALICE_admin: 10171714.0: 1: 1 day 01:37:04 ATLAS_multicore: 10174776.0: 8: 0 day 10:10:44 ATLAS_multicore: 10176009.0: 8: 0 day 05:25:31 LHCB_pilot: 10168075.0: 1: 1 day 15:13:18 LHCB_pilot: 10169582.0: 1: 1 day 10:25:58 NA62_pilot: 10174943.0: 1: 0 day 10:01:05 NA62_pilot: 10174958.0: 1: 0 day 09:59:20 NA62_pilot: 10174983.0: 1: 0 day 09:57:13 NA62_pilot: 10175319.0: 1: 0 day 08:06:53
t2wn101	online	32	100.0	71.8	14.9	46.7	25	ALICE_admin: 10171708.0: 1: 1 day 01:46:42 ALICE_admin: 10172775.0: 1: 0 day 21:22:39 ALICE_admin: 10173262.0: 1: 0 day 19:20:44 ALICE_admin: 10173946.0: 1: 0 day 14:39:55 ALICE_admin: 10174297.0: 1: 0 day 08:14:48 ALICE_admin: 10176903.0: 1: 0 day 01:43:41 ATLAS_multicore: 10177395.0: 8: 0 day 00:03:42 CMS_pilot: 10165426.0: 1: 1 day 01:25:37 CMS_pilot: 10165574.0: 1: 2 days 00:20:14 CMS_pilot: 10165709.0: 1: 1 day 23:41:17 CMS_pilot: 10166500.0: 1: 1 day 01:27:36 CMS_pilot: 10166631.0: 1: 1 day 20:40:19 CMS_pilot: 10170548.0: 1: 1 day 06:25:04 CMS_pilot: 10170735.0: 1: 1 day 05:05:59 CMS_pilot: 10170890.0: 1: 1 day 04:44:50 CMS_pilot: 10170966.0: 1: 1 day 04:37:48



If a “Long Running Jobs” criteria is met, a table listing the jobs ids will be displayed.

Condor Jobs Overview on t2arc01.physics.ox.ac.uk  
Monday, 08 January 2018 09:00:33

Jobs per VO

VO	Status	CPUs	#Jobs	#Cores	CPU Efficiency
group_ALICE_admin	idle	1	13	13	
group_ALICE_admin	running	1	499	499	49.66
group_ALICE_standard	idle	1	1	1	
group_ATLAS_multicore	idle	8	24	192	
group_ATLAS_multicore	running	8	96	768	84.68
group_ATLAS_pilot	running	1	9	9	71.87
group_ATLAS_production	running	1	3	3	56.44
group_CMS_pilot	idle	1	56	56	
group_CMS_pilot	running	1	500	500	93.36
group_LHCB_pilot	running	1	214	214	97.82
group_NA62_pilot	idle	1	616	616	
group_NA62_pilot	running	1	300	300	94.30
group_PHENO_pilot	running	1	249	249	97.97

CPU Summary

#CPUsUsed	#CPUsFree	#CPUs	%CPUsUsed
2541	131	2672	95

Jobs Summary

jobs	completed	idle	held	running	removed
2580	0	710	0	1870	0

Long Running Jobs

JobID	Job Owner	CPUs	Time
10169847.0	ALICE_admin	1	5 days 01:57:21
10169848.0	ALICE_admin	1	5 days 01:57:19
10170061.0	ALICE_admin	1	5 days 00:27:13
10170069.0	ALICE_admin	1	5 days 00:00:08
10170070.0	ALICE_admin	1	5 days 00:00:12
10170071.0	ALICE_admin	1	5 days 00:00:11
10170073.0	ALICE_admin	1	4 days 23:49:17
10170102.0	ALICE_admin	1	4 days 22:46:33
10170109.0	ALICE_admin	1	4 days 22:12:12
10170112.0	ALICE_admin	1	4 days 21:56:18
10170114.0	ALICE_admin	1	4 days 21:50:25
10170130.0	ALICE_admin	1	4 days 21:03:59
10170139.0	ALICE_admin	1	4 days 20:03:24
10170149.0	ALICE_admin	1	4 days 19:33:21
10170153.0	ALICE_admin	1	4 days 19:07:25
10171776.0	ALICE_admin	1	4 days 17:27:53
10171810.0	ALICE_admin	1	4 days 16:13:30
10171828.0	ALICE_admin	1	4 days 16:07:47
10171836.0	ALICE_admin	1	4 days 15:58:31



# QUESTIONS?