## 11 - Monitoring

## Monitoring with Grafana

A monitoring service, using Grafana, can be found here: https://t1metria.cr.cnaf.infn.it/d/MAXpbtVMk/home?orgId=18.

On this page it's possible to select which type of resource to monitor and then look for the desired experiment.

Ø	BB Home «\$							
Q III	KPI dashboard			Overview dashboards	Accounting dashboards			
	General KPIs	Seneral KPIs		Batch Overview	☆	Storage usage per experiment	☆	
				Cloud Overview	☆			
				Network Overview	☆			
				Storage Overview	☆			
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The same actions are feasible from the "Home" button, which opens the following menu.

i= Sort (Default A-Z)	S Filter by tag
© Recent	
Home	
Batch Overview	farming overview
General KPIs	KPI
Storage Overview	overview storage
Cloud Overview	farming overview
D General	
Batch Overview	farming overview
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NB: If some script fails to get data it results in a zero record, which doesn't mean that the resource is unavailable.

In the top right corner you can change the time interval to watch:

<b>©</b>	器 Batch Overview 👒					Ģ	② Last 24 hours ^	QĽ	⊊ <mark>5m</mark> ∽
Q	retention     one_week ×     que       ~ Stats	eue All ~		Absolute time range From now-24h		Relative time ranges Last 5 minutes Last 15 minutes			
	Pledge HS06 HS06	Provide	Running Slots	Running Jobs	To now Apply time range		Last 30 minutes Last 1 hour Last 3 hours		ation
	<ul> <li>Total</li> <li>HS06</li> <li>400 K</li> <li>200 K</li> <li>200 K</li> <li>100 K</li> <li>0000</li> <li>00000</li> <li>00000</li> <li>00000</li> <li>00000<th colspan="2" rowspan="2">Job Monitoring 50 K 40 K 40 K 50 K 50 K 50 K 50 K 50 K 50 K 50 K 5</th><th colspan="2">It looks like you haven't used this timer picker before. As soon as you enter some time intervals, recently used intervals will appear here. Read the documentation to find out more about how to enter custom time ranges.</th><th>Last 6 hours Last 12 hours Last 24 hours Last 2 days Last 7 days</th><th>Masada</th></li></ul>		Job Monitoring 50 K 40 K 40 K 50 K 50 K 50 K 50 K 50 K 50 K 50 K 5		It looks like you haven't used this timer picker before. As soon as you enter some time intervals, recently used intervals will appear here. Read the documentation to find out more about how to enter custom time ranges.		Last 6 hours Last 12 hours Last 24 hours Last 2 days Last 7 days	Masada	
ଡ଼					15 K 10 K 5 K 0 16:00 00:00 08:00 — Single Core Avg: 18.95 K				3:00

and, selecting one of the "per queue" views, you can choose which ones to show.



You can also select the desired retention, by clicking on the top left corner:



Moreover, disk situation can be checked here: http://www.cnaf.infn.it/~vladimir/gpfs.