

Input from CMS

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on behalf the CMS Submission Infrastructure Group

[glideinWMS Stakeholder Meeting](#)

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Ciemat

Centro de Investigaciones
Energéticas, Medioambientales
y Tecnológicas

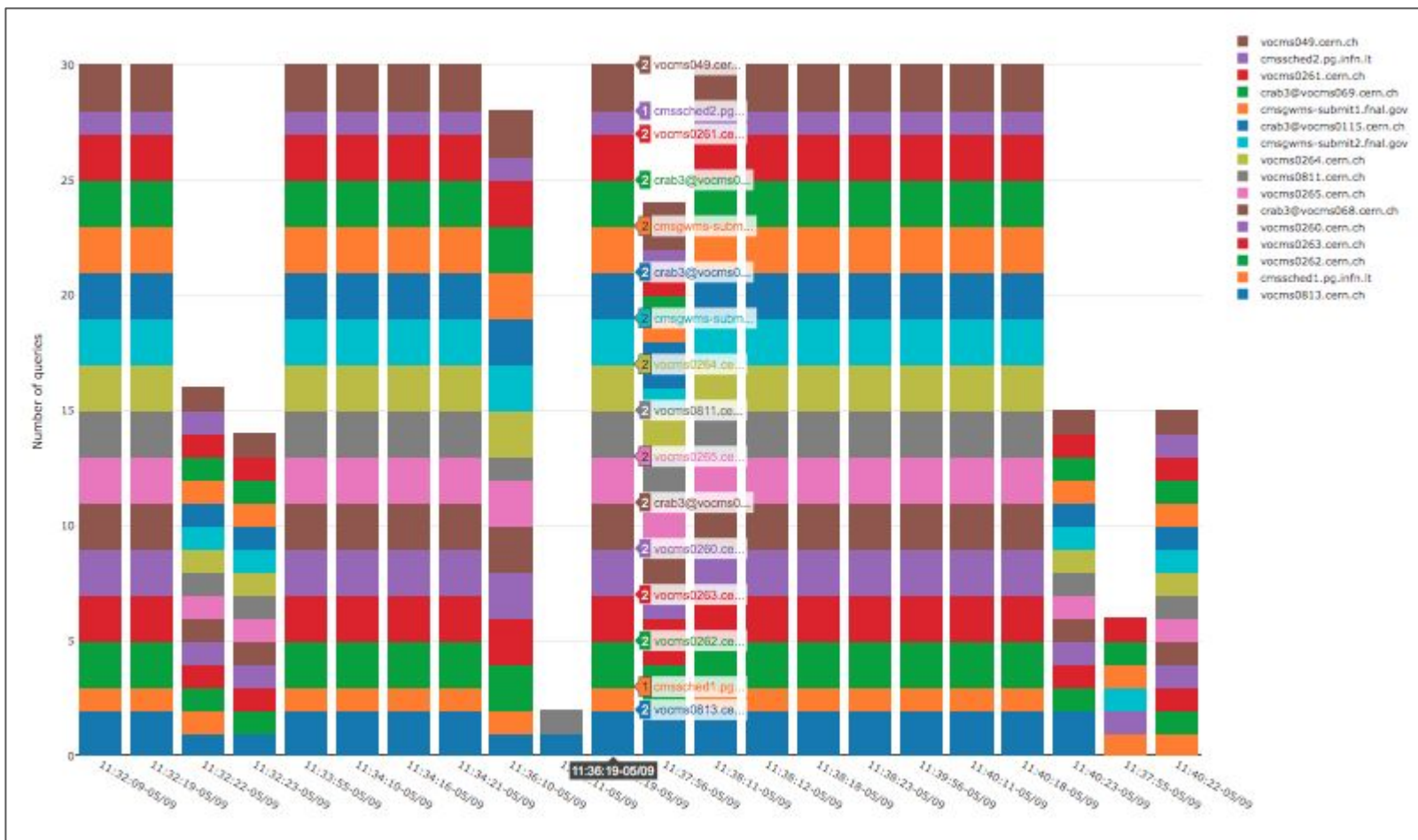


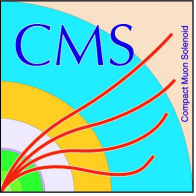
UC San Diego

Frontend

- There are redundant (and also unprojected) queries of the Central Manager coming from the Frontend ([Google doc](#), [Plot](#))

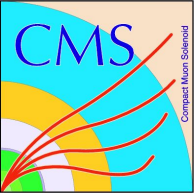
Number of queries received on the itb collector coming from the frontend (Each color represents a different schedd classAd requested)





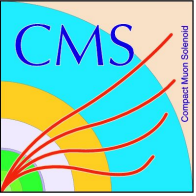
Frontend

- Question: Does the frontend consider jobs or auto-clusters when processing information?
- What are the plans to more tightly couple glidein launching to actual job pressure?
- FrontEnd limits global and per-group are expressed in slots, not glideins or cores overall: makes managing the pool dependant on its fragmentation



Frontend

- What is the status of using Decision Engine as a Frontend replacement?
- CMS Sub. Infrastructure would be interested in collaborating on this, so we (Diego) could participate in integrating and testing it at CERN.
 - Would that be possible, and If so, when?



Glideins

- A tool to set a fraction of a pool or site to drain would be useful.
- “Debug pilots” would be useful as well: act on special annotations written in the pilot execution code (validation scripts or/and glideinWMS code) that will make these pilots to send the status of the execution to an outside server (e.g. the Frontend) as they run, so we can have quick feedback and get logs even when the pilots fails