



Multi-user pilots in (US) CMS

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Pilots in CMS = glideinWMS

- ⇒ The glideinWMS is the sole pilot-based architecture currently in use by CMS
- ⇒ Project hosted here:
<http://www.uscms.org/SoftwareComputing/Grid/WMS/glideinWMS/>
- ⇒ GlideinWMS well-integrated with gLExec
- ⇒ Integration of gLExec with OSG software stack even reports to glideinWMS project



gLExec deployment

- ⇒ gLExec integrated with OSG worker node client software
- ⇒ Deployed at US CMS T1 (1/1)
- ⇒ Deployed at some US CMS T2 (2/7)
 - ⇒ Will have campaign shortly to ensure full deployment across all US CMS tiers
- ⇒ Deployment issues have not yet affected production with glideinWMS (operators run as themselves, mapped to production)



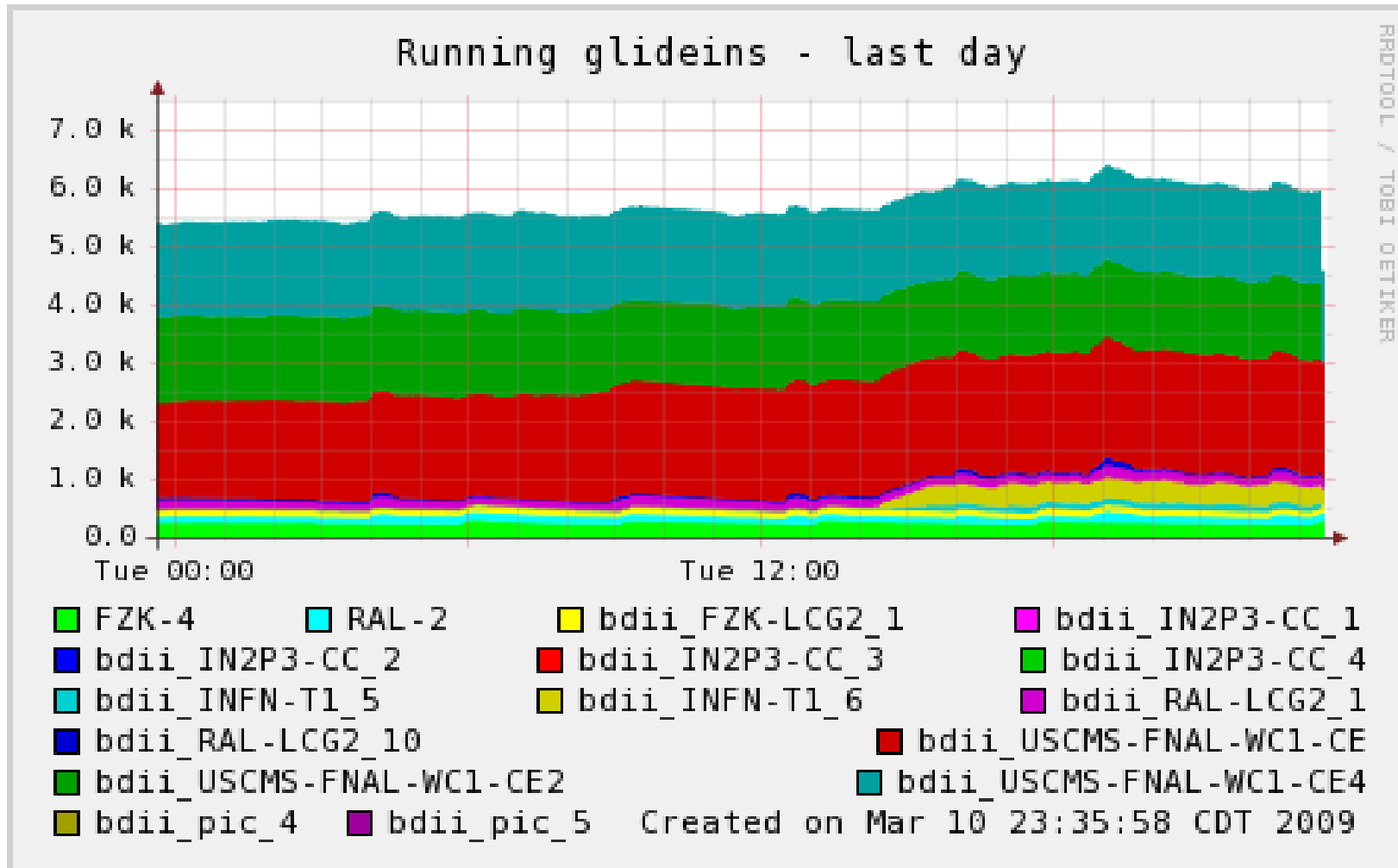
glideinWMS deployment

- ⇒ Two glideinWMS factories for production colocated at US CMS Tier 1
 - ⇒ Dedicated global Tier 1 production workflow
 - ⇒ Dedicated local (FNAL) Tier 1 production workflow
 - ⇒ May merge to single factory
- ⇒ GlideinWMS factory planned for CERN+Ciemat in near term for evaluation purposes
- ⇒ CRABserver (analysis) integration currently under way at UCSD



glideinWMS deployment (II)

⇒ Current global Tier 1 factory





glideinWMS deployment

⇒ Scaling proof of principle

