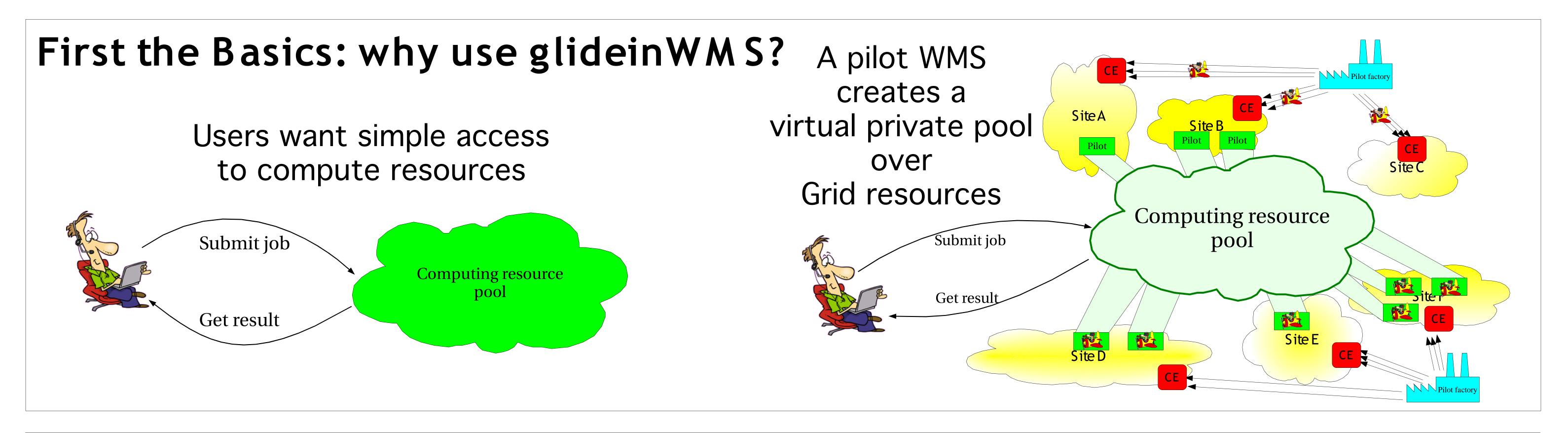
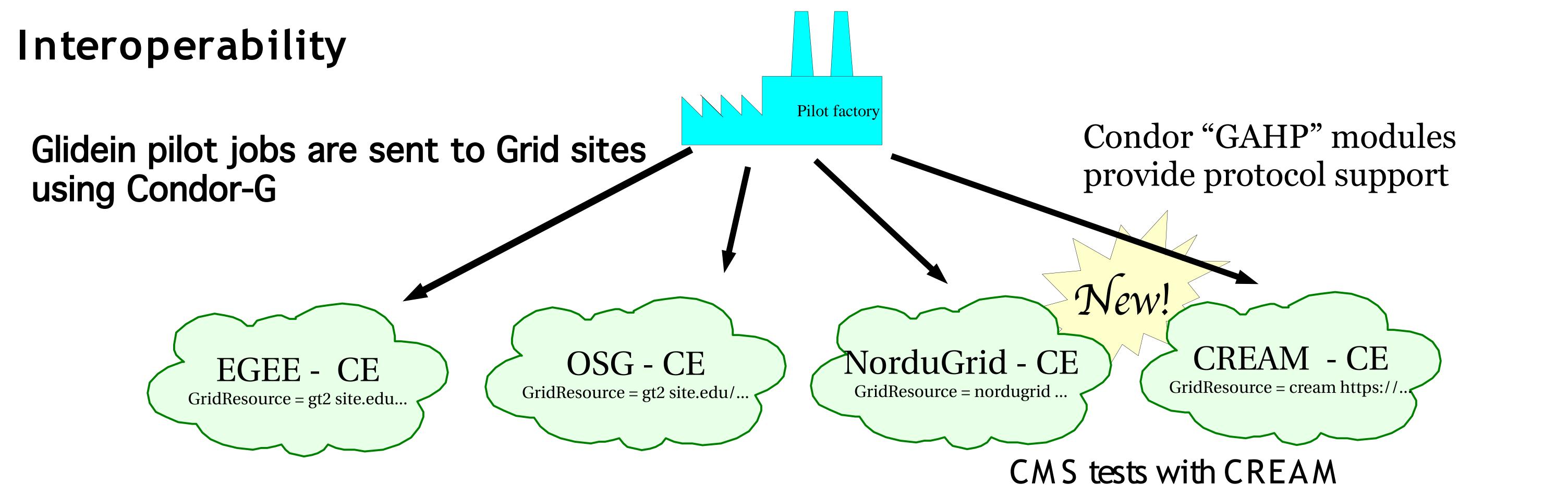
Interoperability and Scalability within glideinWMS

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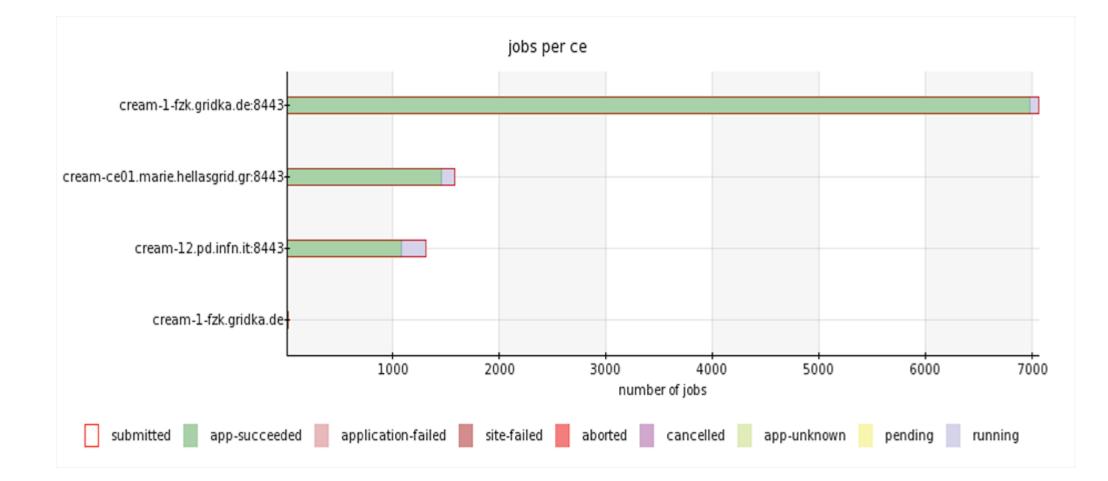
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glideinWMS Experience During CMS CCRC-08 sites across EGEE, OSG and Nordugrid 1st time Nordugrid ARC interface used in CMS

57 sites used between CCRC-08 and now.



Scalability tests

Condor scalability tested

Collector scalability on one machine, ~2GB RAM 25k in top-level collector

• 70 sub-collectors handle authentication over WAN (between Europe and USA)

CCB scalability 25k glideins served from one machine

glideinWMS scalability tested

VO Frontend scalability 200k idle and 23k running user jobs 20 schedds Glidein factory scalability 40 Grid sites current limit 100 Grid sites with some effort 5 VO frontends 23k running glideins

Prototype that scales higher available

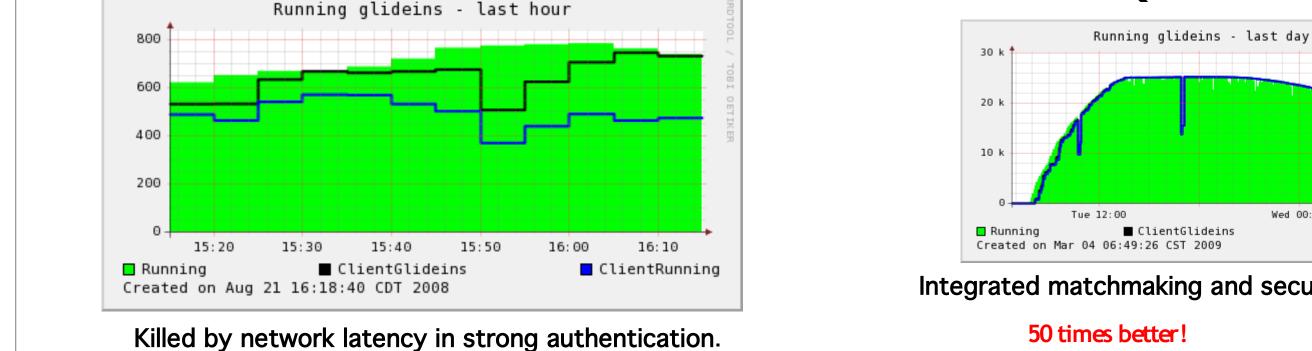
- using the same 70 sub-collectors
- 125,000 securely registered daemons

Schedd scalability 22k running jobs under a single schedd • 64-bit machine, 16GB RAM • current limit due to network port usage 200k idle jobs on a single schedd

GlideinWMS Cross-Atlantic Scale Tests:

Before: (Condor 7.1.2)







Work supported by the US DOE contract No. DE-AC02-07CH11359 and NSF Grant PHY-0533280 (DISUN) and PHY-0427113 (RACE)