

User Support - Year3-5 Proposed Work Plan

1. Effective service delivery for OSG as level 2 SP in XD
 - a. Grow number of XRAC requests against OSG
 - i. Contact each new startup/XRAC allocation to provide support
 - ii. Limit startup users to initial allocation
 - iii. Assist expiring startup/XRAC allocations with writing new XRAC proposal

2. Provide opportunistic access facility (“on ramp”) for US researchers
 - a. Modernize hardware at OSG-XD submit host
 - b. iRODS server to be hosted by GOC (for vo=osg) for data delivery
 - c. Achieve 105M hours in opportunistic hours in year3 via vo=osg (in year2 osg + engage was 70M)
 - d. Research opportunistic eco-system and develop and implement recommendations for growing opportunistic pool
 - e. Grow opportunistic pool toward supplying 20% of total OSG usage

3. Integrate Intensity Frontier Experiments as a prime stakeholder
 - a. OASIS adoption
 - b. Support IFF Data delivery plan
 - c. Provisioning - preferential access to collaborating sites
 - d. Other topics...

4. Grow access to OSG DHTC for US researchers - 50% more users per year
 - a. Provide tutorials and documentation on how to structure jobs for use in OSG and how to submit jobs
 - b. Establish partnership with ACI-REFs to provide 2nd layer support for them as they include OSG in their solutions for local campus researchers
 - c. Use XSEDE Campus Champions to get the OSG DHTC message to more US campus researchers

5. Provide new site integration support for communities

6. Provide newsletter articles about researchers leveraging DHTC - at least 1 per quarter

7. Provide OSG introduction and guidance to new communities interested in joining OSG

Questions/Concerns

1. There is some work overlap with Campus Grid... many resolutions possible?
2. When will ATLAS and CMS start going after opportunistic cycles and what will be the impact on opportunistic pool available for other communities?
3. So far, the gWMS project has not been able to work on User Support requests for improved observability; what can we do about this?
4. We can attract more researchers to OSG by enabling their applications on OSG; how much should we invest in making those codes work on OSG? (Galaxy, NAMD, etc.)

The User Support Team in Year3

Mats Rynge – 45%

Tanya Levshina – 25%

Marko Slyz – 60%

Alex Zaytsev- 10%

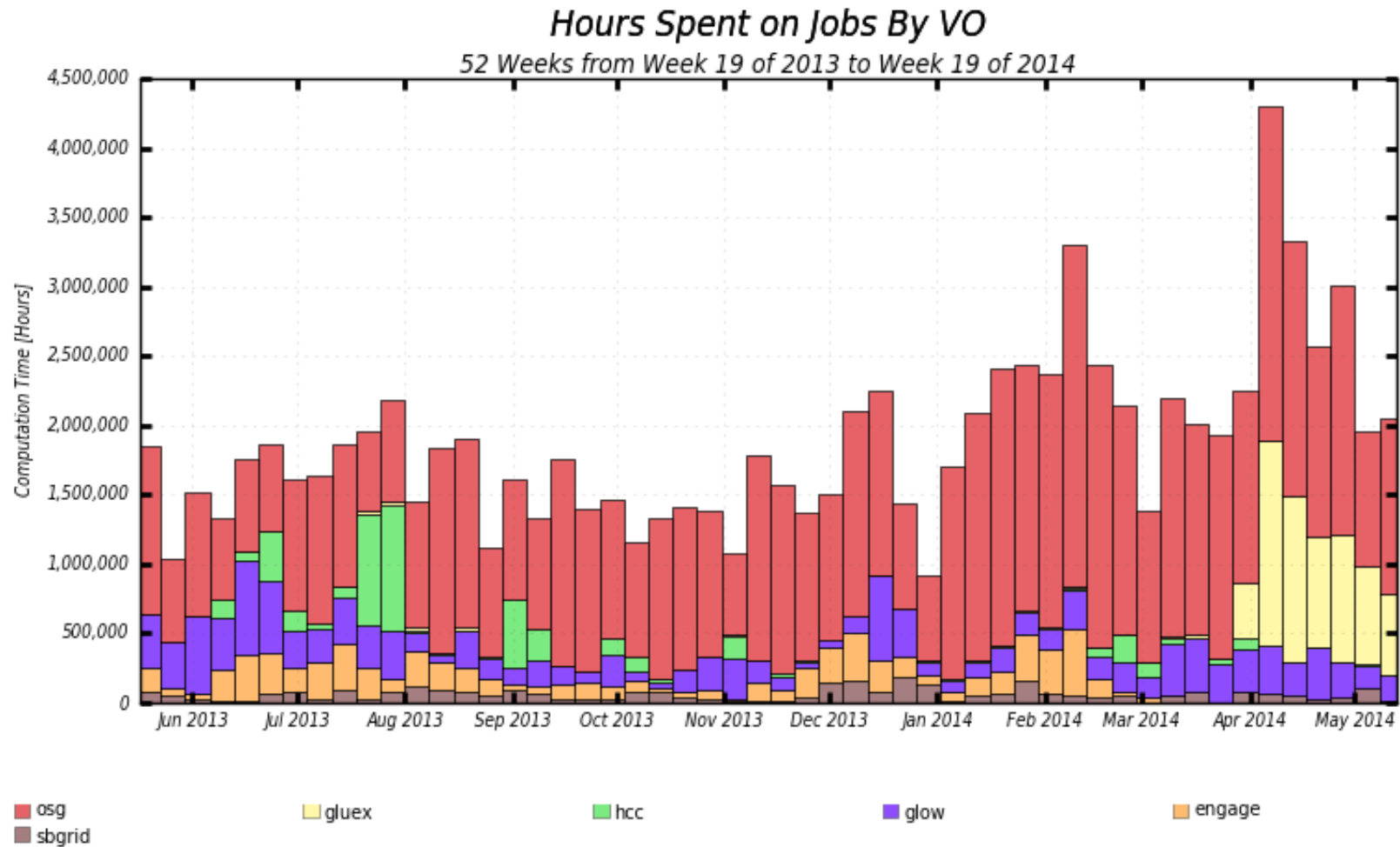
Bo Jayatilaka – 70% (new)

Emelie Harstad – 50% (new)

Chander Sehgal- 40%

Total = 3.0 FTE

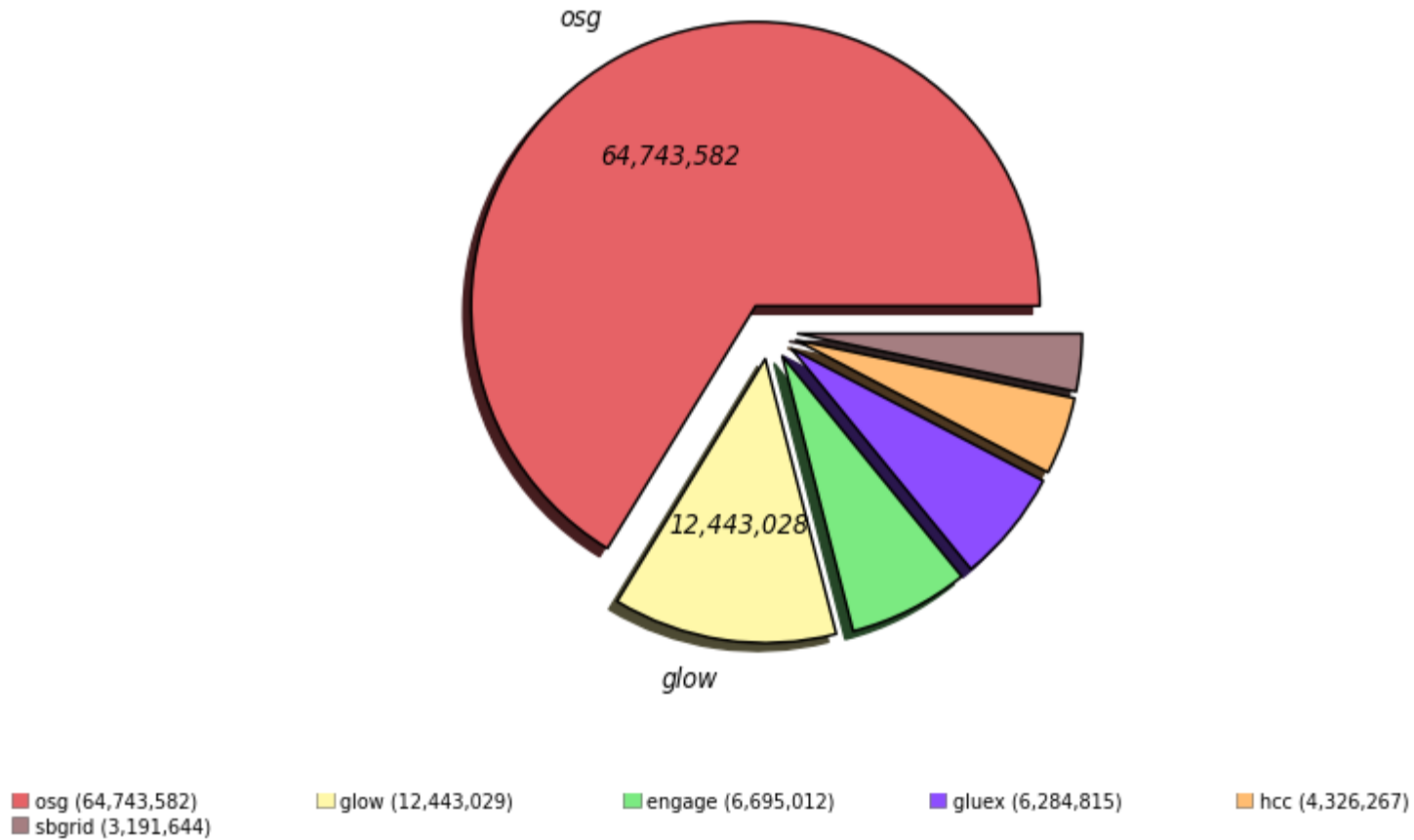
Last 12 months opportunistic – by week



Maximum: 4,301,975 Hours, Minimum: 912,101 Hours, Average: 1,878,545 Hours, Current: 2,051,052 Hours

Last 12 months opportunistic – pie chart

Wall Hours by VO (Sum: 97,684,348 Hours)
52 Weeks from Week 19 of 2013 to Week 19 of 2014



Last 12 months OSG-XD users

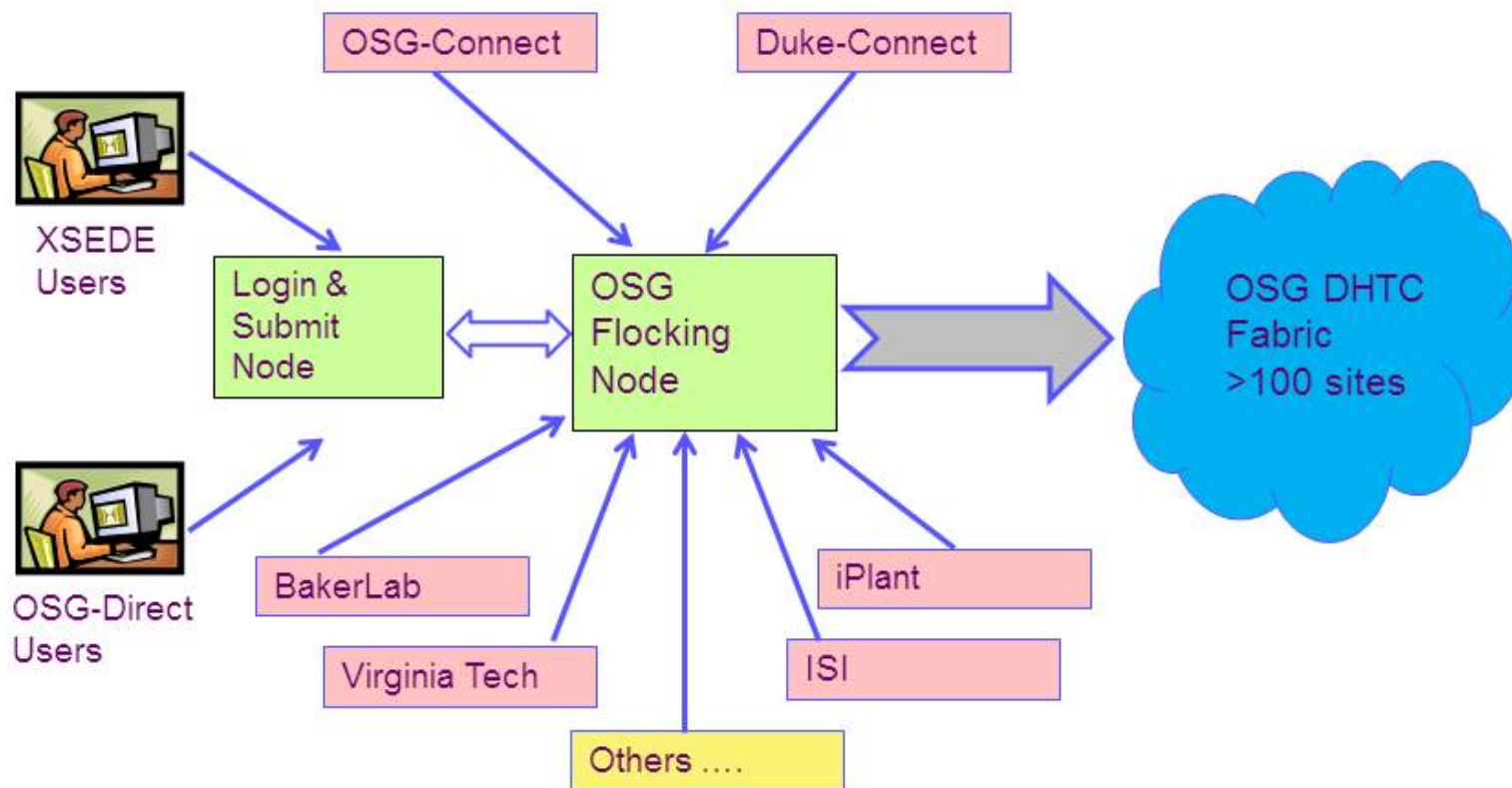
Project Name	PI	Institution	Field of Science	Wall Hours
TG-ATM130009	Phillip Anderson	University of Texas at Dallas	Atmospheric Sciences	9,460
TG-ATM130015	Phillip Anderson	University of Texas at Dallas	Atmospheric Sciences	77,169
TG-CCR120041	Luca Clementi	San Diego Supercomputer Center	Computer and Computation Research	12
TG-CHE130091	Paul Siders	University of Minnesota; Duluth	Chemistry	88,054
TG-CHE130103	Jeremy Moix	Massachusetts Institute of Technology	Chemistry	61,405
TG-DMR130036	Emanuel Gull	University of Michigan	Materials Research	607,863
TG-IBN130001	Donald Krieger	University of Pittsburgh	Biological Sciences	28,881,055
TG-IBN130008	Jorden Schossau	Michigan State University	Biological Sciences	16,857
TG-IRI130016	Joseph Cohen	University of Massachusetts; Boston	Information; Robotics; and Intelligent Systems	70,536
TG-MCB090163	Michael Hagan	Brandeis University	Molecular Biosciences	56,314
TG-MCB100109	Lillian Chong	University of Pittsburgh	Molecular Biosciences	264,362
TG-MCB120070	Joseph Hargitai	Albert Einstein College of Medicine	Molecular Biosciences	378
TG-MCB130072	Robert Quick	Indiana University	Molecular Biosciences	16
TG-OCE130029	Yvonne Chan	University of Hawaii; Manoa	Ocean Sciences	32,010
TG-PHY110015	Pran Nath	Northeastern University	Physics	37
TG-PHY120014	Qaisar Shafi	University of Delaware	Physics	540,841
TG-STA110014S	Nancy Wilkins-Diehr	University of California-San Diego	Other	5
TG-TRA100004	Andrew Ruether	Swarthmore College	Other	444,374
TG-TRA120014	Pol Llovet	Montana State University	Cross-Disciplinary Activities	19,472
TG-TRA120041	Hanning Chen	George Washington University	Computer and Information Science and Engineering	231
		20 Users	Total	31,170,450

Last 12 months OSG-Direct Users

Project Name	PI	Institution	Field of Science	Wall Hours
BNLPET	Martin Purschke	Brookhaven National Laboratory	Medical Imaging	1
DeerDisease	Lene Jung Kjaer	Southern Illinois University	Biological Sciences	34,600
DetectorDesign	John Strologas	University of New Mexico	Medical Imaging	535,961
Duke-QGP	Steffen A. Bass	Duke University	Nuclear Physics	3,482,112
ECFA	Meenakshi Narain	Brown University	High Energy Physics	1,744,646
EIC	Tobias Toll	Brookhaven National Laboratory	Accelerator Physics	414,785
HL-LHC-TP	Meenakshi Narain	Brown University	High Energy Physics	90,870
IU-GALAXY	Robert Quick	Indiana University	Bioinformatics	643,691
OSG-Staff	Chander Sehgal	Fermilab	Computer Science	41,636
PO-LBNE	Maxim Potekhin	Brookhaven National Laboratory	Physics - Neutrino	18,334
Pheno	Stefan Hoeche	SLAC	High Energy Physics	1,108,623
RIT	P. Stanislaw Radziszowski	Rochester Institute of Technology	Computer Science	527,597
SNOplus	Joshua R Klein	University of Pennsylvania	Physics - Neutrino	489
Snowmass	Meenakshi Narain	Brown University	High Energy Physics	6,398,810
SPLINTER	Robert Quick	Indiana University	Medicine	5,464,420
UMich	Paul Wolberg	University of Michigan	Microbiology	1,427,385
UPRRP-MR	Steven Massey	Universidad de Puerto Rico (UPRRP)	Bioinformatics	1,190,239
		17 Users	Total	23,124,201



Easier “On-Ramp” to the OSG DHTC Fabric



All access operates under the OSG VO using glideinWMS