

# Infrastructure Meeting Notes 2018-02-01

Infrastructure meetings take place every other Thurs. at 9:00 Pacific on the BlueJeans infrastructure-meeting channel: <https://bluejeans.com/383721668>

## Date

01 Feb 2018

## Attendees

Paul Domagala  
Gregory Dubois-Felsmann  
Igor Gaponenko  
Fabio Hernandez  
Brian Van Klaveren  
Simon Krughoff  
Kian-Tat Lim  
Fritz Mueller  
John Swinbank  
Xiuqin Wu

## Goals

- Alignment of NCSA-provided services with program needs
- Ensure effective use of the current NCSA infrastructure
- Refinement and continuous improvement of services, resources and processes
- Plan for near- and medium-term activities

## • Discussion items

Item	Who	Notes
Review of last meeting notes	<a href="#">Unknown User (pdomagala)</a>	<ul style="list-style-type: none"><li>• Any updates</li></ul>
Dedicated batch compute	<a href="#">Unknown User (pdomagala)</a>	<ul style="list-style-type: none"><li>• needed to meet project deliverables/milestones</li><li>• LSST does not have an allocation process</li><li>• There is an (undocumented) operating principle that reasonable resource requests need to produce project deliverables</li><li>• Case at hand; Rob &amp; Hsin-Fang are gearing up to do production HSC-PDR1 runs in mid-Feb and need dedicated resources<ul style="list-style-type: none"><li>◦ the only way to do this right now is with reservations</li><li>◦ in the future, more robust job/queue management capabilities will be added</li></ul></li><li>• However. We need an allocation process to address this long term.<ul style="list-style-type: none"><li>◦ Will advertise via login banner &amp; maintenance page</li><li>◦ no objections from the infrastructure WG</li></ul></li></ul>
Revamp of Accounts process	<a href="#">Unknown User (pdomagala)</a>	<ul style="list-style-type: none"><li>• changes to developers guide</li><li>• <a href="#">current request LSST Accounts page</a></li><li>• <a href="#">draft Request Accounts page</a><ul style="list-style-type: none"><li>◦ Need to refresh subsystem managers list</li><li>◦ include list of services</li><li>◦ define default and optional resources</li></ul></li></ul>

GPFS usage	Simon Krughoff	<ul style="list-style-type: none"> <li>• additional 3PB to be added during the Feb 15th maintenance event <ul style="list-style-type: none"> <li>◦ per-user data coming from the admin's later today. Will post. <ul style="list-style-type: none"> <li>▪ per-user is now generated daily and posted to the file USAGE_BY_USER in the root of each fileset.</li> </ul> </li> <li>◦ IHS-767, Make per-user GPFS usage data available to users (Done)</li> </ul> </li> <li>• The group has also requested that the 1TB/user quota be reinstated on /home <ul style="list-style-type: none"> <li>◦ RFC-443, Re-enable per user quotas in home directories</li> <li>◦ IHS-766, Re-enable per user quotas in home directories</li> </ul> </li> </ul>
Data transfer nodes	Fabio Hernandez	<ul style="list-style-type: none"> <li>• Unknown User (pdomagala) will look into the schedule for bringing the addition xfer node(s) online <ul style="list-style-type: none"> <li>◦ Target for bringing more DTNs online is early March.</li> </ul> </li> </ul>
PDAC Status	Unknown User (xiuqin)	<ul style="list-style-type: none"> <li>• Testing is going well</li> </ul>
Topics for next meeting		

## Action items

Please enter action items in the form

Responsible Person, Due Date, Description

- ☒ Simon Krughoff, File an RFC for implementation of quotas on /home