

# Infrastructure Meeting Notes 2017-07-20

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

## Date

20 Jul 2017

Attend  
ees

Paul Domagala  
Gregory Dubois-Felsmann  
Igor Gaponenko  
Fabio Hernandez  
Brian Van Klaveren  
Simon Krughoff  
Kian-Tat Lim  
Fritz Mueller  
Donald Petravick  
John Swinbank  
Loi Ly

## 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<ul style="list-style-type: none"><li>◦ Today's lsst-dev maintenance resulted in the demise of verify-worker31. Admin's are trouble-shooting.<ul style="list-style-type: none"><li>▪ Some people bit by NFS mounts going away. Suggestion that we also email to lsst-staff</li></ul></li><li>◦ L1 complete test stand is up &amp; running. More info <a href="#">here</a>.</li></ul></li></ul>
Status of xfer performance between NCSA & IN2P3	<a href="#">Fabio Hernandez</a>	<p>Reference  <a href="#">IHS-342</a> - Jira project doesn't exist or you don't have permission to view it.</p> <p><a href="#">Unknown User (pdomagala)</a> has set the ticket in <span>PLANNING</span> state so we can run some further performance tests and formulate a long term plan for NCSA xfer architecture satisfies LSST mission needs</p> <ul style="list-style-type: none"><li>• Suggest we stand up 2nd xfer node for ~2 weeks(?) in order to do performance/throughput studies.<ul style="list-style-type: none"><li>◦ Fabio will start gathering throughput requirements</li><li>◦ If the intermediate links are the bottleneck, we need data to show it.</li></ul></li></ul>
Status of Docker & Firefly on lsst-dev	<a href="#">Gregory Dubois-Felsmann</a> (if available)	<p>Ref. , 0 issues</p> <p>Request put in <span>PLANNING</span> state pending discussion</p> <p>Action item for Paul to investigate getting GPFS on Nebula.</p> <p>There is a solid need to have Docker &amp; Firefly on lsst-dev and Nebula (if possible).</p>

/datasets		<ul style="list-style-type: none"> <li>• Would like to officially assign <a href="#">Hsin-Fang Chiang</a> as the curator of /datasets. Objections/discussions? <ul style="list-style-type: none"> <li>◦ curation requirements</li> <li>◦ procedures</li> </ul> </li> </ul> <p>The group has no objection.</p>
Discussion re. system updates	<a href="#">Unknown User (pdomagala)</a>	<p>NCSA default position re. patching is that that systems are continuously patched (~daily). Have been doing so for ~3 yrs. Admin's claim this hasn't been a problem. Developers say otherwise.</p> <p>There are plans to move to a more formal test env. before deployment, but currently, we lack hardware to support it.</p> <p>If developers could have a clear understanding about what is under puppet control, the team is OK with this. Suggest also staying away from putting Python under Puppet control since some developers do use the system Python.</p>
PDAC Status	<a href="#">Gregory Dubois-Felsmann</a>	
Topics for next meeting		

## Action items

Please enter action items in the form

Responsible Person, Due Date, Description

- ☐ [Unknown User \(pdomagala\)](#), investigate getting GPFS (RW) on Nebula
- ☒ [Unknown User \(pdomagala\)](#), side meeting next week with Matt to discuss IN2P3 network throughput
- ☐ [Unknown User \(pdomagala\)](#), projections for capacity and inodes on /project