

# Infrastructure Meeting Notes 2017-09-28

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

## Date

28 Sep 2017

## Attendees

Paul Domagala  
Matias Carrasco Kind  
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>• None</li></ul>

	Unknown User (bglick)	<p>Isst-dev-db Setup</p> <p><a href="https://docs.google.com/document/d/1MiCRs8BOlYW7PrUCUrdTz5PSQ_7vnzR9Vt1q-42i9-o/edit?usp=sharing">https://docs.google.com/document/d/1MiCRs8BOlYW7PrUCUrdTz5PSQ_7vnzR9Vt1q-42i9-o/edit?usp=sharing</a></p> <p>A few questions:</p> <ul style="list-style-type: none"> <li>Who else should I interact with as I work on a tentative plan for this? Perhaps Fritz, Serge, etc? <ul style="list-style-type: none"> <li>The TCAMS may request capabilities, libraries, whatever</li> <li>Fritz is PoC for UDF's.</li> <li>The infrastructure group is the de facto place for discussions.</li> </ul> </li> <li>- Once I have a plan for any changes/upgrades, do we need to process an RFC for this?</li> <li>- Do we need the full sciSQL package(s)? I remember we had problems with these recently. <ul style="list-style-type: none"> <li>Yes.</li> </ul> </li> <li>- I'd like to move to MariaDB 10.x (primarily for allowing SSL clients). Any idea how new we can upgrade to?</li> </ul> <p>Usage:</p> <ul style="list-style-type: none"> <li>~10 active users</li> <li>General purpose resource</li> <li>Groups: Pipelines, SUIT, qserv</li> <li>Used to store persistent Jupyter info</li> <li>Numerous near-term needs</li> </ul> <p>Upcoming needs:</p> <ul style="list-style-type: none"> <li>Reprocessing of the HSC data <ul style="list-style-type: none"> <li>Need to know how big, how many sets... full characterization of the capacity &amp; throughput needs</li> <li>need feedback from DMLT</li> <li>Hsin-fang may be able to give us an idea of the capacity needs</li> </ul> </li> </ul>
qserv master upgrade status	Unknown User (pdomagala)	
IHS-388: security vetting for <a href="http://lsst-sui-proxy01.ncsa.illinois.edu">lsst-sui-proxy01.ncsa.illinois.edu</a>		<ul style="list-style-type: none"> <li><a href="https://jira.lsstcorp.org/browse/IHS-388">https://jira.lsstcorp.org/browse/IHS-388</a></li> <li>app configuration (e.g., Tomcat) issues go to the developers, system configuration issues (e.g., firewall) can go to <a href="#">Jacob Rundall</a></li> </ul>
L1 Orchestration Test Stand	Bill Glick	<ul style="list-style-type: none"> <li>All 10 chassis have arrived - installing chassis this week</li> </ul>
Kubernetes	Simon Krughoff	Can we provide input on how the bare metal Kube cluster at NCSA is set up?
Topics for next meeting		<ul style="list-style-type: none"> <li>FY18 Capabilities, input on Criticality and concerns.</li> </ul>

## Action items

Please enter action items in the form

Responsible Person, Due Date, Description

- ☐ [Unknown User \(pdomagala\)](#), **05 Oct 2017**, Followup on Fabio's xfer node request