

2019-08-08 Network Engineering Team Meeting notes

Date/Time

Default schedule is second Thursday of Month.

11 Jul 2019

Meeting Online Connections

The following is the BlueJeans Information:

CIARA BlueJeans Account has invited you to a video meeting.

Connect via Bluejeans: <https://bluejeans.com/941951730>

Phone Dial-in

+1.408.740.7256 (US (San Jose))

+1.408.317.9253 (US (Primary, San Jose))

(Global Numbers)

Meeting ID: **941 951 730**

Room System

199.48.152.152 or bjn.vc

Meeting ID: 941 951 730

Want to test your video connection?

<https://bluejeans.com/111>

Meeting Recording:

TBD

Attendees

- [Jeff Kantor](#) (JK) LSST
- [Unknown User \(rlambert\)](#) (RL) LSST (absent)
- [Julio Ibarra](#) (JI) FIU/AmLight
- [Unknown User \(kollross\)](#) (MK) NCSA
- [Jeronimo Bezerra](#) (JB) FIU/AmLight
- [Albert Astudillo](#) (AA) REUNA (absent)
- [Renata Frez](#) (RZ) RNP/AmLight Brazil (absent)
- [Claudia Inostroza](#) (CI) REUNA (absent)
- [Paul Wefel](#) (PW) ESnet
- [Kate Robinson](#) (KR) ESnet (absent)
- [Gizella Kapus](#) (GK) ESnet
- [Vasilka Chergarova](#) (VC) FIU/AmLight
- [Phil DeMar](#) (PD) FNAL

Goals

- Coordination of networking activities across LSST

Discussion items

Time (PT)	Item	Who	Notes
--------------	------	-----	-------

NET Action Items Status	Jeff Kantor	<u>Reminder: Work on your items</u> <u>Documentation updates schedule:</u> August - LSST Joint NSF/DOE Status Review will establish new overall project schedule, commissioning milestones. We will update Network Milestones sheet accordingly. September - LSST Change Request to update LSE-309 Summit - Base ITC Design Document (including Summit and Base networks) and related milestones in PMCS. Also create FY20 contract amendments for FIU, REUNA, NCSA. October - LSST Change Request to update LSE-78 LSST Observatory Network Design (including Chilean, International, and US networks) and related milestones in PMCS. Need updated diagrams, including ESnet, etc. November - Develop complete LSST Network Verification Plan (including JIRA). See discussion below. December - Develop draft LSST Operations Network SLAs. See discussion below. <u>US Networks, including ESnet:</u> LSST Continental US Networks Implementation Team (CNIT), sub team of LSST NET Scope: All Florida - Illinois connectivity <u>Team Members:</u> Paul Wefel (Team lead), Kate Robinson, Gizella Kapus - ESnet Jeronimo Bezerra - FIU/AmLight Matt Kollross - NCSA John Hicks - internet2 (tertiary path and Miami - Atlanta link until operations) <u>Ex officio/Management:</u> Julio Ibarra - FIU/AmLight Kate Mace, Inder Monga - ESnet Jeff Kantor - LSST Wil O'Mullane - LSST Phil DeMar - LSST Network Operations/FNAL
Network Design and End-to-End Test Plan and QoS planning	Jeronimo Bezerra	No updates.
Discussion Topics	Jeff Kantor	<u>LSST Network Document Update from April Santiago Meeting: Julio Ibarra</u> Draft sent out in email, need input, comments from NET. Targeting end of August to complete. Jeff Kantor will do first revisions and turn into google doc. We will also decide on boundary between this document and LSE-78, and how to manage documents for future updates. <u>TICAL Conference/LSST Workshop</u> 02 Sep 2019 - 05 Sep 2019 Attending TICAL: Jeff Kantor, Julio Ibarra (maybe some sessions Wednesday), Heidi Morgan, Paola Arellano Pending confirmation of paper, Jeronimo Bezerra will amend with comments and attend. Attending Workshop: Jeff Kantor, Unknown User (kollross) (remote), Albert Astudillo, Jeronimo Bezerra, Heidi Morgan See https://docs.google.com/document/d/1-pbOanfl4lh15XNZLx-hwNOMW2djjZjnYIOZqFzx0yw/edit?usp=sharing Jeff Kantor will draft slides, send out for comment <u>LSST Network Verification:</u> We are now approaching time when LSST Networks will need to be formally verified as ready for LSST System Integration and Commissioning. 2019-07-11 Meeting published a list of requirement to be verified and a diagram of the JIRA test artifacts that must be done (NOTE: Confluence can't render the JIRA test artifacts attachment, but it is a valid JPG file. Download it to view it.) Also see Network Verification Plan and Matrix, etc. on LSST-NET home page. Need to formally capture in JIRA, set schedules, etc. <u>LSST Network SLAs for Operations:</u> Need to start putting in place, work with Robert Blum, Director for LSST Operations. We know these will not be typical commercial (e.g. financial penalties) but we need to set expectations and resource levels. <u>Virtual NOC:</u> Follow up on last Face to Face NET meeting. This will be included in SLAs.

	Other business	Any	Jerónimo Bezerra Monet Spectrum update: Monet cable will be activated in 2 steps, Boca - Fortaleza (not LSST), 12 Aug 2019 Boca - Sao Paolo (LSST) 13 Aug 2019 , during week 16 Aug 2019 Boca - Miami.
	Wrap up and next meeting	Jeff Kantor	Wrap up and Next meetings: 05 Sep 2019 (tentative, after LSST Workshop) 12 Sep 2019 10 Oct 2019 14 Nov 2019 12 Dec 2019 All meetings at 0800 PDT/0800 MST/1000 CDT/1100 EDT/1100 CLT (subject to time changes)

Action items

- ☒ Jeff Kantor Revised draft NET document, added Virtual NOC section https://docs.google.com/document/d/1ZvpaHwlzHHMuqRXJEornlgQNH_8tP_EfiV6S1SzyonU/edit 23 Aug 2019
- ☐
- ☐