

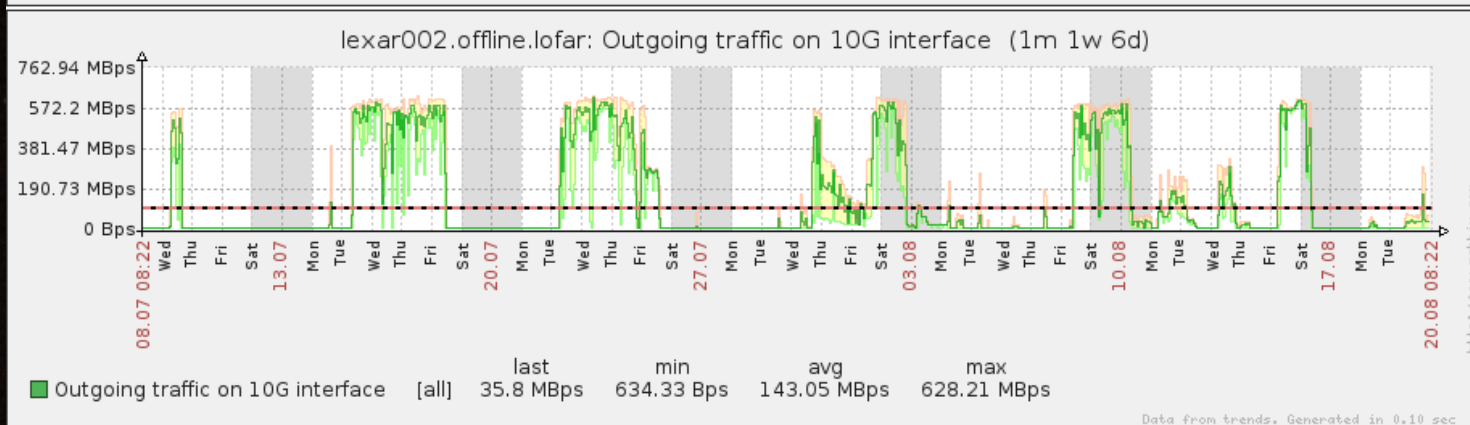
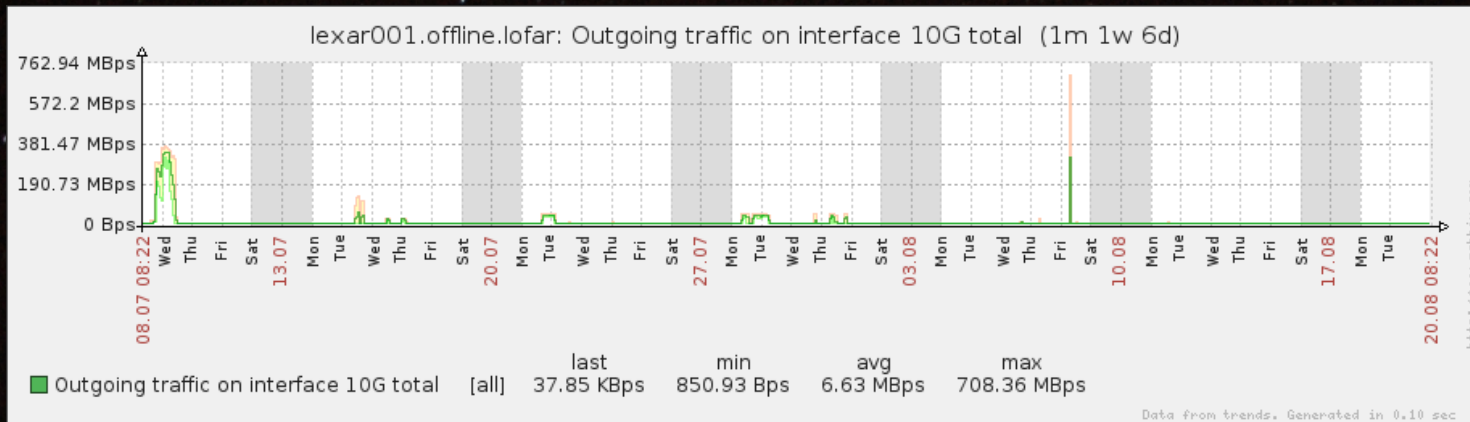
## LTA status

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Lofar Status Meeting

20 August 2014

# April/May results 9 July – 20 August

Data transferred to the LTA:  $\pm 800$  TB + transfers by EoR  
Data staged/retrieved from the LTA: 423 TB  
Total stored: 13.0 PB (3.3 Jülich/8.1 SARA/1.6 Target)



# April/May uptime 9 July – 20 August

Big interruptions (several days to weeks):

- Staging services overloaded
- LTA Catalog down
- Network changes SARA – LOFAR
- User management

Pool Views

PoolManager

Pool groups of PoolManager

PoolGroup	Total Space/MB	Free Space/MB	Precious Space/MB	Layout (precious/free)
lofar-read-pools	92274688	469402	0	
lofar-write-pools	67108864	275322	0	

Pool group lofar-read-pools

Cell View

CellName	DomainName	Total Space/MB	Free Space/MB	Precious Space/MB	Layout (precious/free)
dcachepool10_01	dcachepool10Domain	13631488	87987	0	
dcachepool11_01	dcachepool11Domain	13631488	172732	0	
dcachepool12_01	dcachepool12Domain	13631488	88335	0	
dcachepool13_01	dcachepool13Domain	18874968	4071	0	
dcachepool14_01	dcachepool14Domain	18874968	111634	0	
dcachepool9_01	dcachepool9Domain	13631488	3420	0	

Various smaller issues (less than single day)

- Stop days.
- Network interrupts.
- Software bugs.
- Operational support errors.
- Storage problems.

## Ongoing:

- Processing in the LTA: Imaging. (WK)
- GridFTP/SRM service Target/RuG.
- User Ingest.
- Download server. (JK)
- Public release of LOFAR data.
- Making LTA download possible during CEP Network reconfiguration.

## Implemented:

- Improved monitoring.

## Planned:

- More speed improvements (database server upgraded).
- More monitoring improvements.

## Older news:

- New SRM client install, 1024bit security support.
- Pulsar pipeline support.
- Password management improvements.