



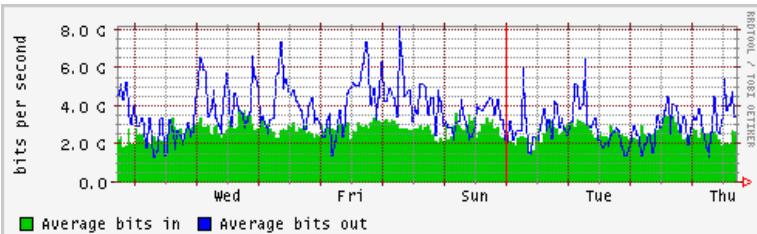
CCIN2P3 Network Connectivity Changes

caillat@cc.in2p3.fr

telecom@cc.in2p3.fr
February 2012



CCIN2P3 external connectivity – before 26/01/2012



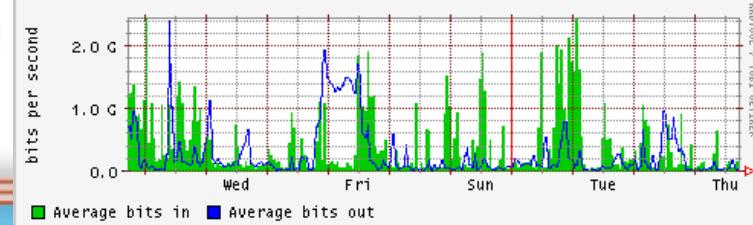
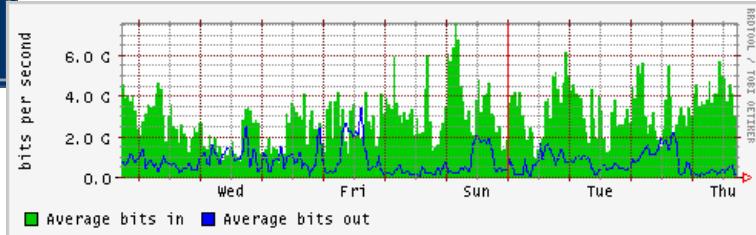
Renater
Default
RENATER Lyon



Paris

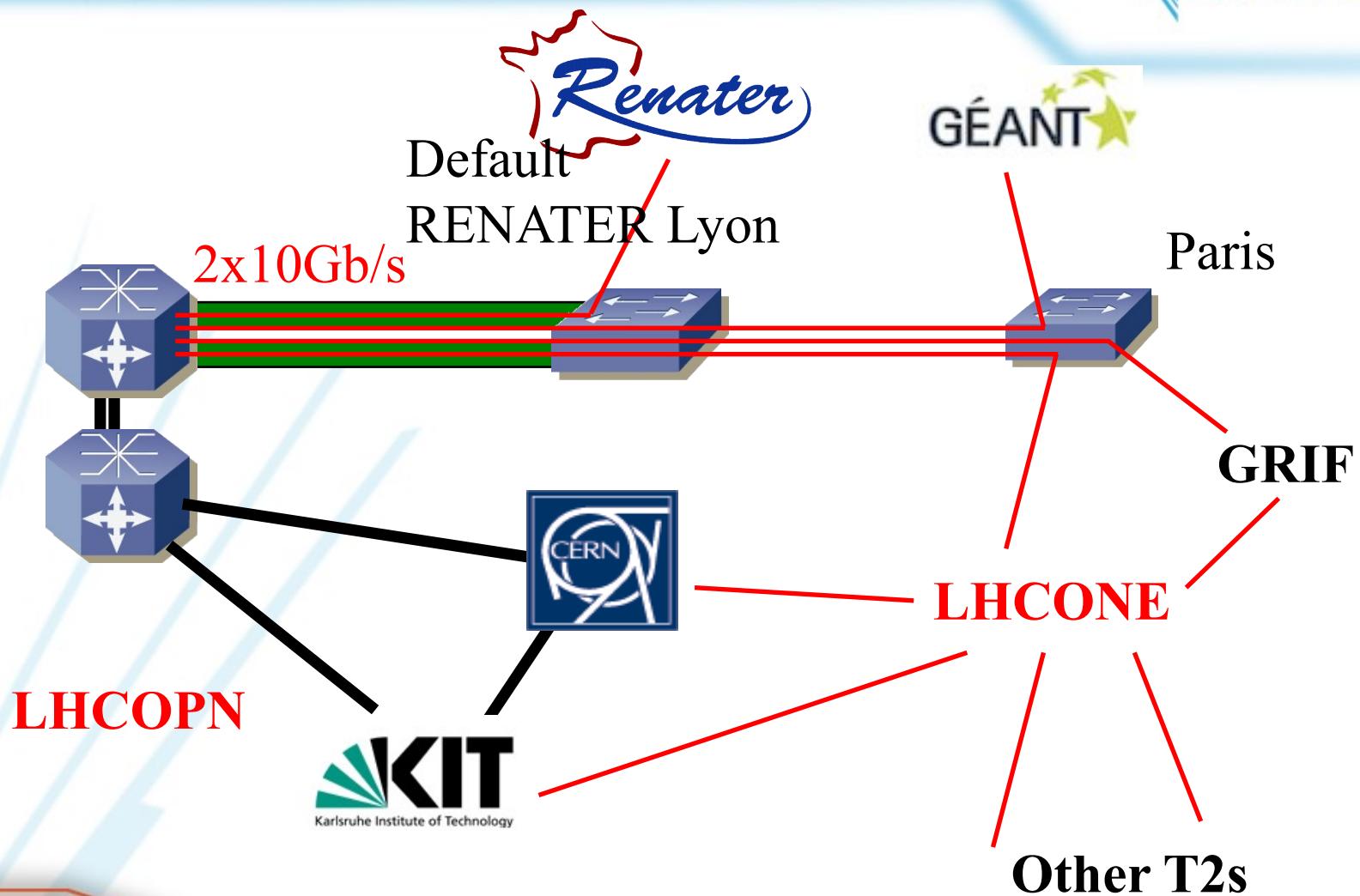
GRIF

LHCOPN



February 2012

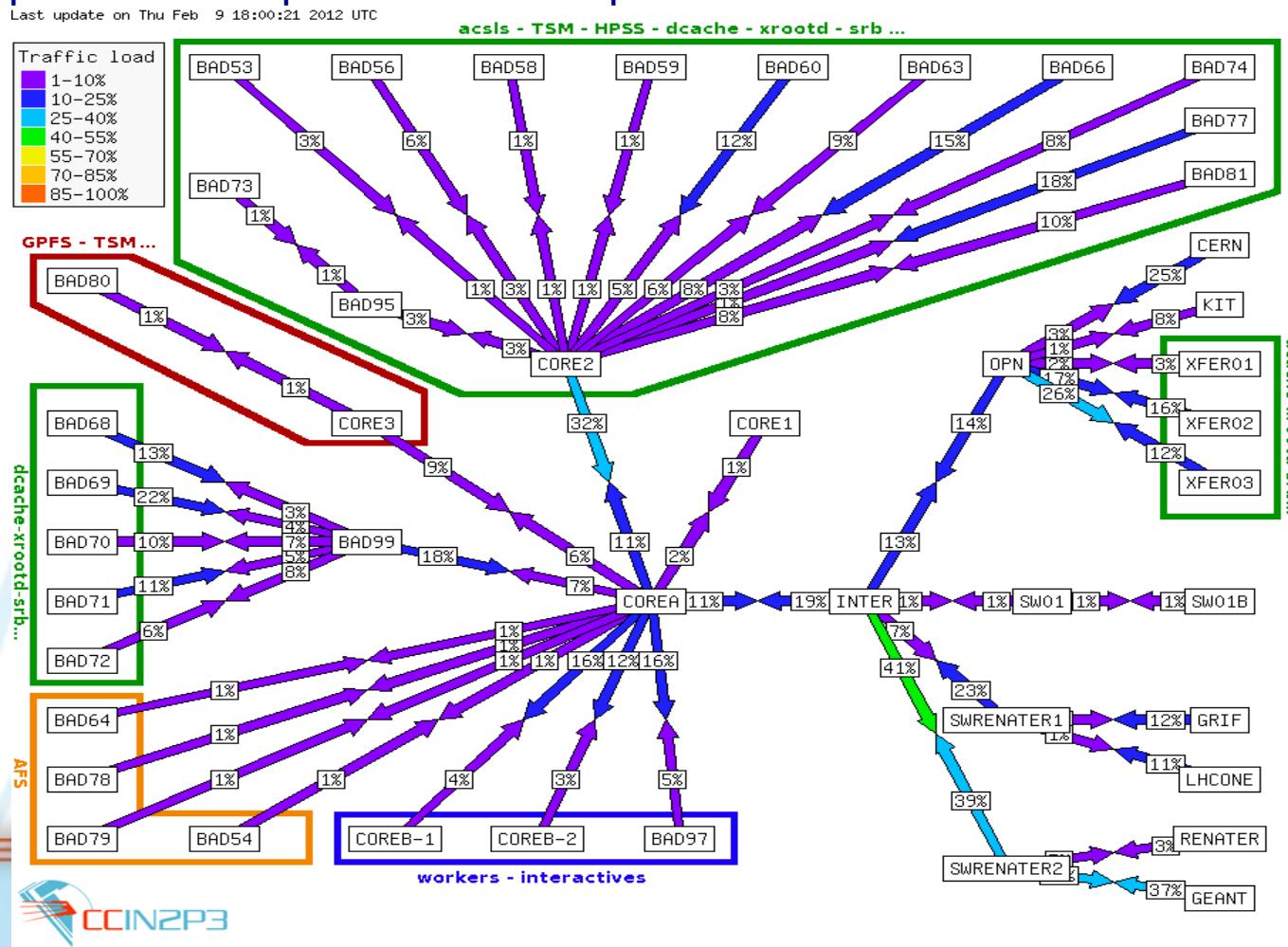
CCIN2P3 external connectivity – since 26/01/2012



CCIN2P3 network monitoring



- CCIN2P3 LAN backbone and external connectivity
<http://netstat.in2p3.fr/weathermap/cc-core.html>



RENATER monitoring



<http://pasillo.renater.fr/metrologie/LCG/>

statistics of transfer between French LCG site to « very known T2s »

Weathermap (daily stats when mouse over links): [here](#)

Links statistics: [here](#)

Quantity of traffic between RENATER BGP AS and all LCG sites (177): [here](#)

following information in test:

Traffic between French Tiers and:

CH-CERN: [Day](#) - [Last 6 months](#)

CA-TRIUMF: [Day](#) - [Last 6 months](#)

DE-KIT: [Day](#) - [Last 6 months](#)

IT-INFN-CNAF: [Day](#) - [Last 6 months](#)

NL-T1: [Day](#) - [Last 6 months](#)

NL-T1: [Day](#) - [Last 6 months](#)

NDGF: [Day](#) - [Last 6 months](#)

ES-PIC: [Day](#) - [Last 6 months](#)

TW-ASGC: [Day](#) - [Last 6 months](#)



RENATER monitoring

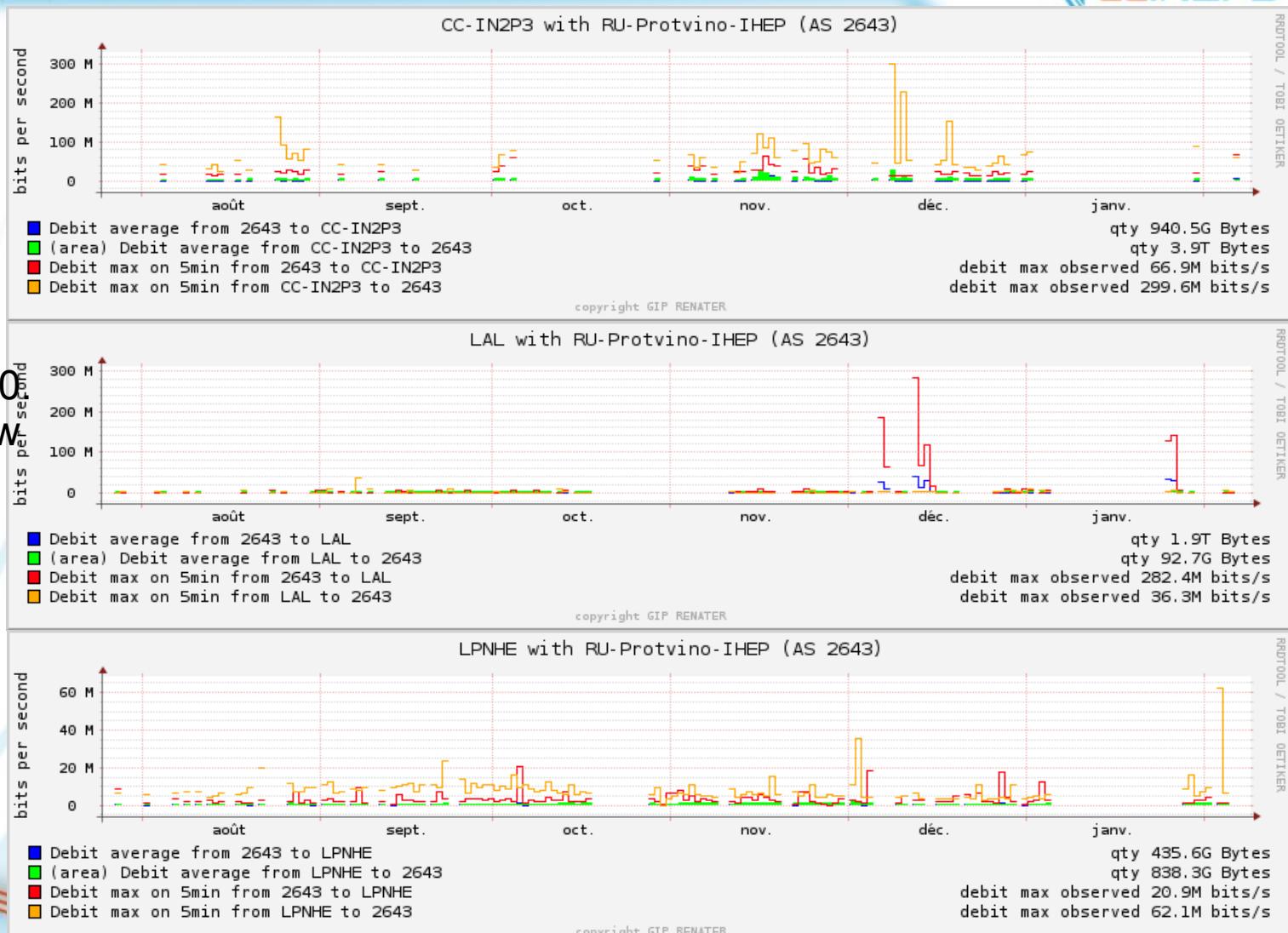
<http://pasillo.renater.fr/metrologie/LCG/>



IHEP Example 6 months

Note : stats are available only if AS is in the top20
Based on Netflow sampling:
extrapolation

Note : IHEP AS number is wrong !
Renater will correct it.

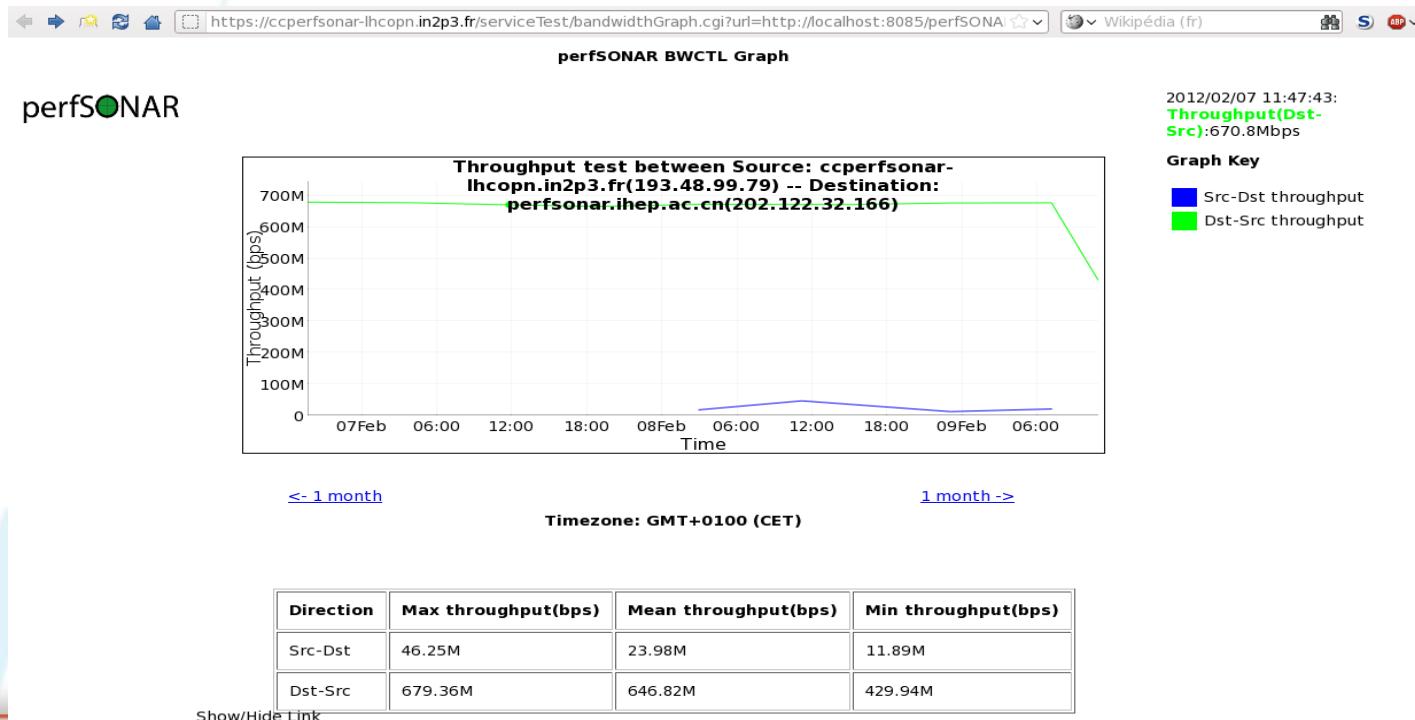




perfSONAR monitoring



- <https://ccperfsonar-lhcopn.in2p3.fr>
- Good performance for IHEP → CC-IN2P3
- Bad performance for CC-IN2P3 → IHEP
- Results finally appearing in perfsonar ?



For help on how to zoom in, zoom out, use the menu options and interact with the graph, [click here](#)