

The logo for Fabric Infrastructure and Operations (FIO), consisting of the letters 'FIO' in a white, bold, sans-serif font.

Fabric Infrastructure  
and Operations

CERN IT  
Department

# CASTOR Metrics

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WLCG MB, 5<sup>th</sup> February 2008



- Many different CASTOR related performance measurements are collected, but these
  - are not easily available from a single location, and
  - have not been tracked consistently to show (hopefully!) performance improvements over time.
    - The LHCC referees asked for metrics to address this point following the November review.
- Notes:
  - Metrics can/will be prepared by VO as relevant.
  - Few (if any) of the proposed metrics are specific to CASTOR; these metrics could thus be used to compare performance across Tier1s.



- Usage & Usage Patterns
- Performance
- Responsiveness
- Miscellaneous



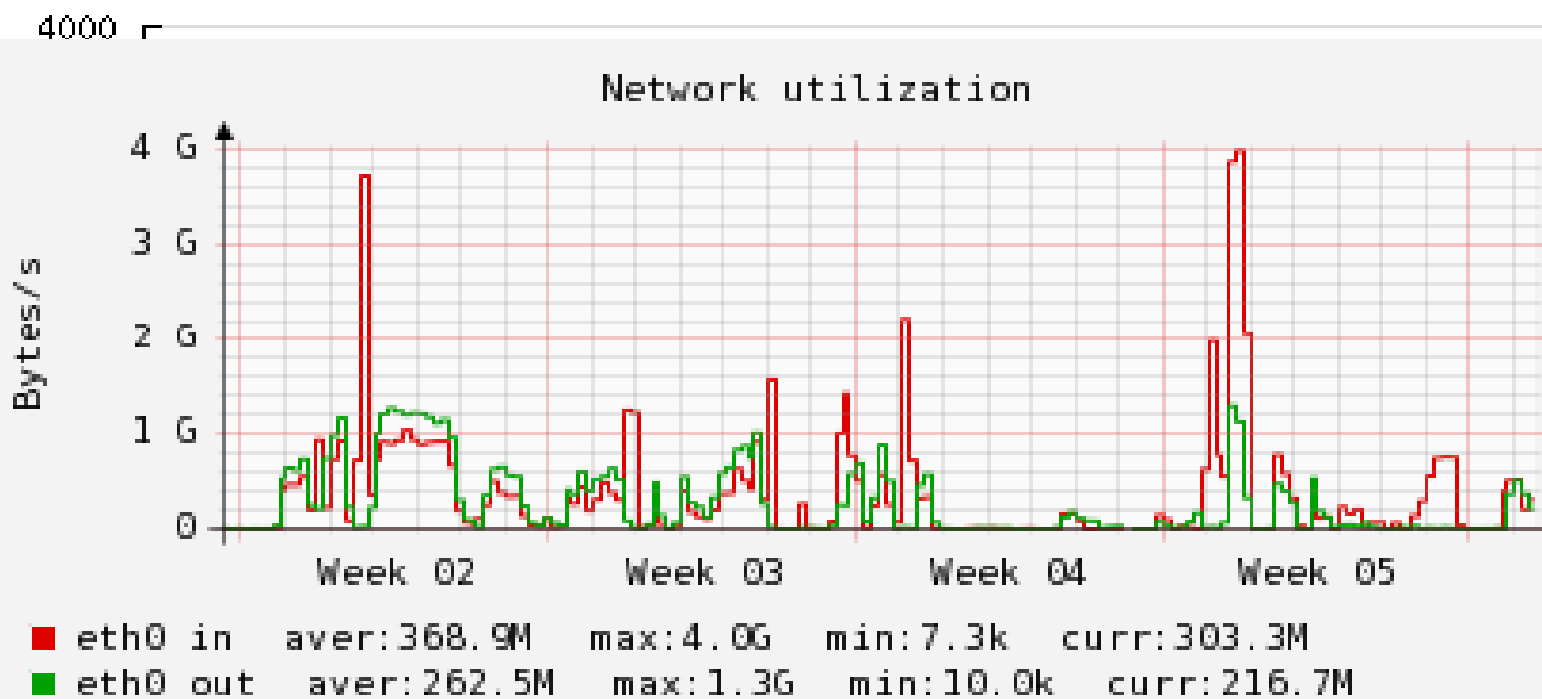
- Usage & Usage Patterns
  - Average file size
  - Average data transferred per tape mount
  - Average daily mounts per tape volume
  - Requests/second
  - Percentage of requests for non-disk resident files
- Performance
- Responsiveness
- Miscellaneous



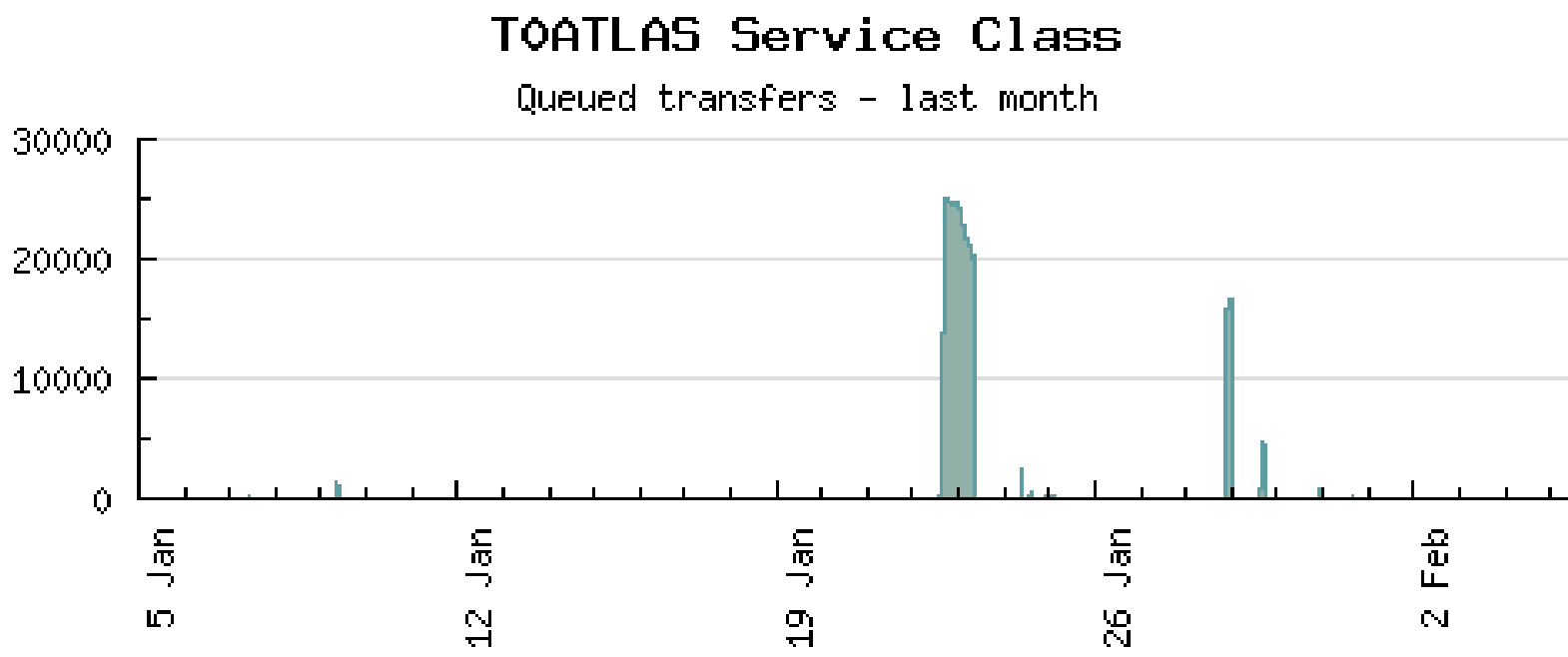
- Usage & Usage Patterns
- Performance

## TOATLAS Service Class

Active transfers - last month



- Usage & Usage Patterns
- Performance
- **Responsiveness**
  - Stager



■	Max READ wait time	aver:8.4k	max:138.5k	min:0.0	curr:0.0
■	Max WRITE wait time	aver:4.4k	max:88.8k	min:0.0	curr:0.0



- Usage & Usage Patterns
- Performance
- Responsiveness

