

BNLTimeTable2006 < LCG < TWiki

-- HarryRenshall - 25 Jun 2007

Tier 1 BNL-Brookhaven.	To provide 23% of Atlas resources	
Month	Atlas Requirements	Tier 0 Requirements
April 2006	Provide 234 KSi2K of cpu for MC event generation and 16 TB of disk and 35 TB of tape for this data for this quarter	3rd to 16th CERN disk-disk at 200 MB/sec. 18th to 24th CERN disk-tape at 75 MB/sec
May	Provide 234 KSi2K of cpu for MC event generation.	CERN background disk-disk top up to 200 MB/sec
June	Provide 234 KSi2K of cpu for MC event generation. From 19 June to 7 July T0 to T1 tests take 76.8 MB/sec "Raw" to tape (rate to be reported), ESD at 100 MB/s to disk and AOD at 20 MB/s to disk from Tier 0 (total rate 196.8 MB/s). These data can be deleted after 24 hours	CERN background disk-disk top up to 200 MB/sec
July	Provide 253 KSi2K of cpu for MC event generation and 20 TB of disk and 37 TB of tape for this data for this quarter. "Raw" reconstruction setting up - stagein from tape using 1-2 drives. T0 to T1 tests take 76.8 MB/sec "Raw" to tape (rate to be reported), ESD at 100 MB/s to disk and AOD at 20 MB/s to disk from Tier 0 (total rate 196.8 MB/s). These data can be deleted after 24 hours	CERN background disk-disk top up to 200 MB/sec
August	Provide 253 KSi2K of cpu for MC event generation. Two slots of 3 days of "raw" reconstruction - stagein from tape using 1-2 drives. Analysis tests - 20 MB/sec incoming - will include scalability tests and prefers to be only Atlas grid activity. T0 to T1 tests take 76.8 MB/sec "Raw" to tape (rate to be reported), ESD at 100 MB/s to disk and AOD at 20 MB/s to disk from Tier 0 (total rate 196.8 MB/s). These data can be deleted after 24 hours	CERN background disk-disk top up to 200 MB/sec
September	Provide 253 KSi2K of cpu for MC event generation. Tier 0 internal tests with T0 to T1 tests take 76.8 MB/sec "Raw" to tape (rate to be reported), ESD at 100 MB/s to disk and AOD at 20 MB/s to disk from Tier 0 (total rate 196.8 MB/s). These data can be deleted after 24 hours	CERN background disk-disk top up to 200 MB/sec.
October	Reprocessing tests - 20 MB/sec incoming	CERN background disk-disk top up to 200MB/sec
November	Provide 312 KSi2K of cpu and an additional 3.6 TB of permanent disk and 4.3 TB of temporary (till reconstruction is run) disk plus an additional 6.9 TB of permanent tape storage for MC event generation. Analysis tests - 20 MB/sec incoming at the same time as reprocessing continues	CERN background disk-disk top up to 200MB/sec
December	Provide 312 KSi2K of cpu and an additional 3.6 TB of permanent disk and 4.3 TB of temporary (till reconstruction is run) disk plus an additional 6.9 TB of permanent tape storage for MC event generation.	CERN background disk-disk top up to 200MB/sec

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Topic revision: r1 - 2007-06-25 - HarryRenshall



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