

Table of Contents

ATLAS Distributed Computing Monitoring tools after full 2 years of LHC data taking.....	1
--	----------

ATLAS Distributed Computing Monitoring tools after full 2 years of LHC data taking

This talk details variety of Monitoring tools used within the ATLAS Distributed Computing during the first 2 years of LHC data taking. We discuss tools used to monitor data processing from the very first steps performed at the Tier-0 facility at CERN after data is read out of the ATLAS detector, through data transfers to the ATLAS computing centers distributed world-wide. We present an overview of monitoring tools used daily to track ATLAS Distributed Computing activities ranging from network performance and data transfers throughput, through data processing and readiness of the computing services at the ATLAS computing centers, to the reliability and usability of the ATLAS computing centers. Described tools provide monitoring for issues of different level of criticality: from spotting issues with the instant online monitoring to the long-term accounting information.

- Track: Distributed Processing and Analysis on Grids and Clouds
- Primary Author: Jaroslava Schovancova (Acad. of Sciences of the Czech Rep. (CZ))
- Co-Authors from IT-ES: Simone Campana, Fernando Harald Barreiro Megino, Daniel Colin Van der Ster, Julia Andreeva, Alessandro Di Girolamo, Edward Karavakis, Lukasz Kokoszkiewicz, Michal Nowotka
- Full Author List: Jaroslava Schovancova (Acad. of Sciences of the Czech Rep. (CZ)), Julia Andreeva (CERN), Alexey Anisenkov (Budker Institute of Nuclear Physics (RU)), Fernando Harald Barreiro Megino (Universidad Autonoma de Madrid (ES)), Sergey Belov (Joint Inst. for Nuclear Research (RU)), Carlos Borrego Iglesias (IFAE), Florentin Bujor (University of Wisconsin (US)), Simone Campana (CERN), Tim Dos Santos (Bergische Universitaet Wuppertal (DE)), Johannes Elmsheuser (Ludwig-Maximilians-Univ. Muenchen (DE)), Xavier Espinal Curull (Universitat Autònoma de Barcelona (ES)), Valeri Fayn (Brookhaven National Laboratory (US)), Vincent Garonne (CERN), Alessandro Di Girolamo (CERN), Luc Goossens (CERN), Stephane Jezequel (Centre National de la Recherche Scientifique (FR)), Edward Karavakis (CERN), Alexei Klimentov (Brookhaven National Laboratory (US)), Lukasz Kokoszkiewicz (CERN), Tomas Kubes (Institute of Physics-Acad. of Sciences of the Czech Rep. (ASCR)), Mario Lassnig (CERN), Federica Legger (Ludwig-Maximilians-Univ. Muenchen), Ramon Medrano Llamas (Universidad de Oviedo (ES)), Erekle Magradze (Georg-August-Universitaet Goettingen (DE)), Michal Maciej Nowotka (Warsaw University of Technology (PL)), Peter Love (LANCASTER UNIVERSITY), Danila Oleynik (Joint Inst. for Nuclear Research (RU)), Artem Petrosyan (Joint Inst. for Nuclear Research (RU)), Lorenzo Rinaldi (Universita e INFN (IT)), Alexander Lincoln Read (University of Oslo (NO)), Pablo Saiz (CERN), Laura Sargsyan (A.I. Alikhanyan National Scientific Laboratory (AM)), Cedric Serfon (Ludwig-Maximilians-Univ. Muenchen (DE)), Graeme Andrew Stewart (CERN), Mikhail Titov (Moscow State Engineering Physics Institute (RU)), David Tuckett (CERN), I Ueda (University of Tokyo (JP)), Daniel Colin Van Der Ster (CERN), Frank Volkmer (Bergische Universitaet Wuppertal (DE)), Torre Wenaus (Brookhaven National Laboratory (US)), Michael Wright (University of Glasgow (GB))
- Presentation Type: parallel

-- SimoneCampana - 06-Oct-2011

This topic: LCG > ATLASComputingMonitoring

Topic revision: r5 - 2011-10-12 - SimoneCampana



Copyright &© 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback