



Summary of the March 2023 ITUM

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EP-SFT Group Meeting

20 March 2023

Indico Page: <https://indico.cern.ch/event/1229771/>

- Refurbished meeting rooms close-by: 4/1-021, 4/3-006
- Discussion on new email service:
 - Note for Apple mail on iOS: Exchange accounts give full device access to Exchange admin
 - Discussion on the scope of the privacy record
 - Use of Teams under investigation
- Linux:
 - Supported at CERN: ALMA and RHEL (only on-site use cases)
 - No RHEL docker images provided, only ALMA and UBI
 - Users are encouraged to move to EL9
 - Migration guide: <https://linux.web.cern.ch/migration/>
 - By the end of the year >50% of lxbatch changed to EL9, lxbatch default changes to 9
- Web services: phase-out of AFS/DFS web pages, existing pages will be migrated to EOS in the next few months

- JIRA: central on-site instance planned
- DBOD: MySQL version 5 to 8 migration by July, may require application adjustments
- Single Sign-On:
 - Old SSO system to be decommissioned by summer, migration to the new system should start ASAP
 - Grappa (egroups replacement) migration on hold
- AFS:
 - Personal volumes (user, work) that overload the AFS server are now throttled automatically; may need ticket to unblock
 - Discussion if the default home directory for new users should go back from local disk to AFS
- Analog phones will be removed by summer with a 60 days notice

- CERNbox has now a tile view for pictures
- New Indico features
 - Ability to export whole event series as iCalendar file
 - Ability to email all people with specific role (e.g. speaker, author)
- Endpoint protection: ESET for Windows and Mac is free for all CERN personnel and users
- OpenStack: added 5 Ampere Neoverse N1 servers (80 CPUs each)
- OpenData
 - CMS Run 1 data now fully available
 - First release of LHCb Run 1 data
 - Total OpenData volume > 3 PB
- Software:
 - libshift (CASTOR access) is decommissioned, last available platform is EL7
 - Anaconda: mirroring feature is subject to license costs; use miniconda if possible
 - LCG was announced:

Software Stacks for CERN Experiments and Users



EP-SFT SPI team is providing consistent software stacks for different operating systems, compilers and hardware architectures:

Software provided via [/cvmfs/sft.cern.ch/lcg](https://cvmfs/sft.cern.ch/lcg), for detailed information about using the stacks see [our documentation](#)

- ROOT, Geant4, Python, ML frameworks, MC Generators, Cuda, up-to-date compilers, and many more
- For information on available packages and versions please see <https://lcginfo.cern.ch/>
- OS: CentOS7, CentOS Stream 8 and 9, ubuntu2004 and 2204, macOS 11 (intel) and 12 (M1)

Latest release is [LCG 103](#): ROOT 6.28/00, Geant4 11.1.1

- [LCG 103cuda](#): for CentOS 7, 8 (lxplus8-gpu), 9
- [/cvmfs/sft.cern.ch/lcg/view/LCG_103\[cuda\]/\\$PLATFORM](https://cvmfs/sft.cern.ch/lcg/view/LCG_103[cuda]/$PLATFORM)
- Alma9 native builds in progress, CS9 builds should work

For issue or requests contact us via JIRA: <https://sft.its.cern.ch/jira/browse/SPI>

- Service Now: [Software Development for Experiments](#)

Our web site: <https://spi.web.cern.ch/>