Summary of the May 2018 ITUM

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EP-SFT Group Meeting

4 June 2018

Indico Page: https://indico.cern.ch/event/709461/
There was a dedicated presentation on SWAN!

- Indico can create visitor badges

- Vidyo soon receives a "whiteboard" feature

- Increase in emails in junk folder to decrease false rejections

- First release of new tape management system CTA (replacing CASTOR) expected this year

- CernVM-FS: 300 % increase in 2017

- Upcoming S3 service (important for CernVM-FS)

- Bidirectional SNOW – JIRA interface

- gitlab receives LFS support to help migration large files from svn

- Network hardware upgrade across campus

  - current infrastructure 75 % to 80 % utilized
  - better outside coverage around restaurant 1 and 2 and building 13

Service Life Cycle

Linux

- CentOS 7.5 in production, SL 6.10 upcoming

- Batch moves 30 % from SL6 to CC7 by Jan 2019, 80 % by Jun 2019

- The alias `lxplus.cern.ch` points to CC7 in June 2019

- SL6 is phased out by June 2020

Others

- AFS phase-out still on hold until the new EOS fuse client goes in production; the fuse client is currently in pre-production testing

- SVN is phased out by December 2019, already before that date existing repositories will change to read-only mode

- LFS is phased out by end of 2018, replaced by HT-Condor

- Ceph-FS replaces the commercial NFS filer

- Windows 7 has reached its end of life

Microsoft Software

- https://cern.ch/malt

- CERN has its academic status revoked by March 2019

- At current use results in $>10\times$ increase in license costs

- Biggest issue: email and authentication given the large number of CERN users (mailboxes)

- Service and product replacement based on use cases
    - Use cases gathered this year (!)
    - First prototypes in 2019

- Note: In general, MS Software will continue to be available at CERN

Application Software Changes

- Inkscape replaces Corel Draw

- BlueGriffon replaces Adobe Dreamweaver

- ProjectLibre replaces Microsoft Project (where possible)