



# Summary of the Feb'17 ITUM

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EP-SFT Group Meeting  
March 6th, 2017

Indico Page: <https://indico.cern.ch/event/579005/>

- Central Services
  - New central email anti-malware software
    - possibly few minutes delay for emails with attachment
  - Refurbishment of `network.cern.ch`, external access blocked
  - CASTOR RFIO blocked for writing, to be decommissioned (no date yet)
  - Migration to Puppet 4 by end of March 2017
  - Migration from LSF to HTCondor underway
    - use `condor_submit` instead of `bsub`
  - ElasticSearch central service available since fall 2016
    - resources almost fully booked
  - Kafka pilot service, ZooKeeper service considered
  - Authorization service for applications under development (evolution from `egroups` for authorization)

- Cloud
  - New hypervisors use SSD
  - Container support for Docker, Kubernetes, Mesos  
Training planned for Apr/May 2017
  - New web app pilot service: central deployment of (small) web apps  
Custom containers / gitlab Python repository  
Provides HA, metrics, NFS, CernVM-FS, EOS, DB  
→ <http://information-technology.web.cern.ch/services/PaaS-Web-App>

- Operating Systems
  - Scientific Linux 5: EOL by end of March '17 (except special cases)
  - CentOS 7.3 new desktop default Linux
    - lxplus will switch together with lxbatch following LSF replacement
- Applications
  - Replacement of Adobe Acrobat Pro site license by various cheaper products
    - Conversion to A0 posters: under investigation, possibly Indico
  - New Intel Parallel Studio XE site license until 2021 (covers all CERN email address)
  - Beta client Skype for Business on Linux available

- AFS Phase-Out
  - Planned until LS2 (Q4/2018)
  - Migration of /project underway
  - Migration of /user, /work depends on new EOS Fuse client planned to be deployed in H2/2017
  - Recommended to migrate AFS backed web sites to EOS
  - SVN in maintenance mode, phase-out together with AFS
- Miscellaneous
  - Photos will appear in phonebook (opt-out, see Bulletin)
  - Late 2016 MacBook Pro models in CERN store
  - ~1000 MoUs in CDS
  - CERN considers buying StackOverflow Enterprise