CernVM, Systems and Services

First round table

8 November 2017

Purpose of today's meeting

- To know each other
- To start (re)defining the scope of the group
  - Established tasks
  - Synergies inside the group and within EP-SFT
- AoB

Group members

- From CernVM: J Blomer, G Ganis, R Popescu
- From SPI: I Goulas, P Mendez Lorenzo, R Pacholek
- From GenSer: D Konstantinov, 1FTE
- From Others: N Kousi

- Possible contribution from other 'boxes':
                       J Cervantes Villanueva (FCC), G Folger (Simulation)
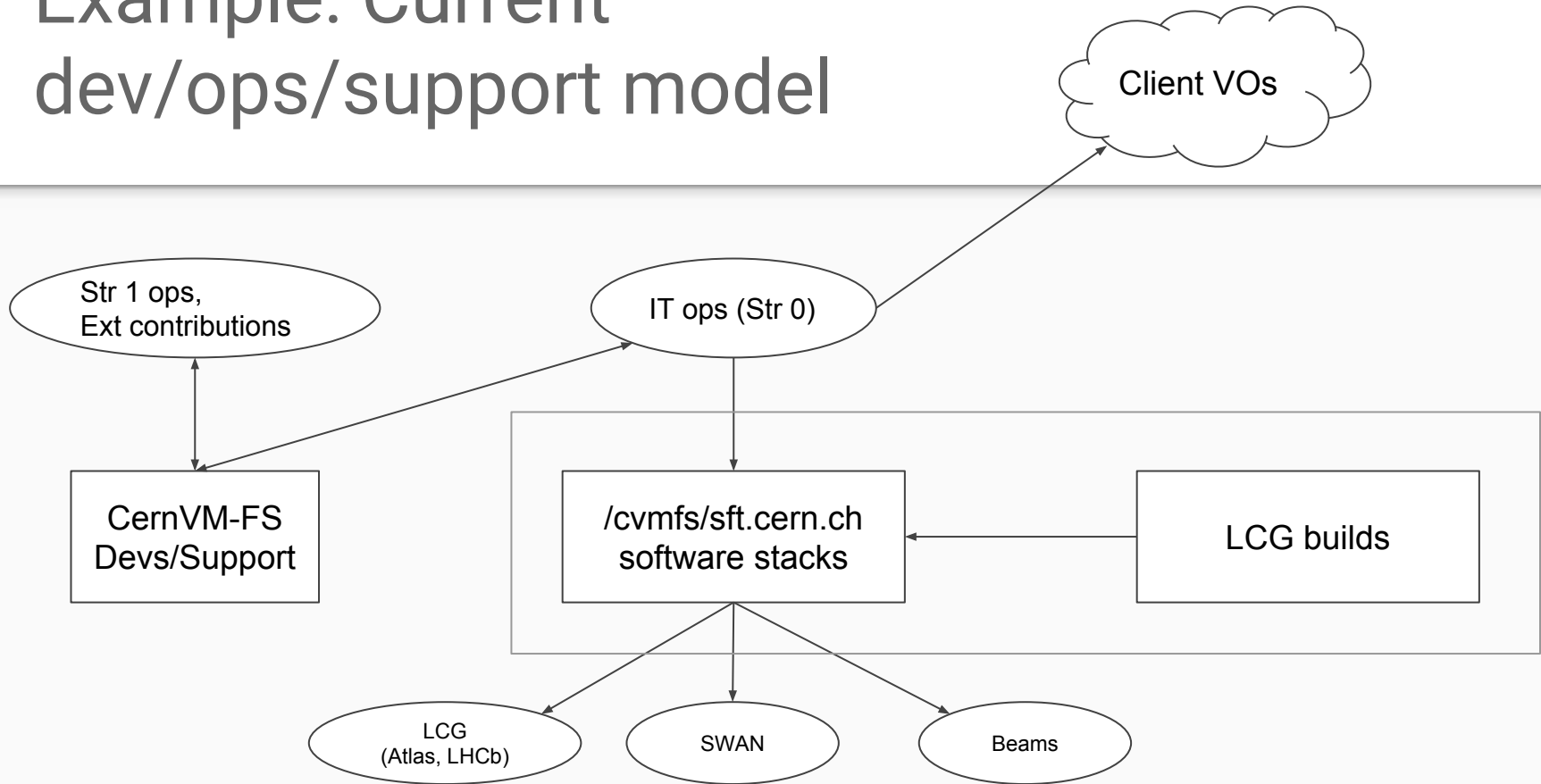
Group current activities

- CernVM: development and support of the main products
  - CernVM-FS
    - Docker Graphdriver
  - CernVM appliance
- LCG Releases
  - LCG stacks, LCGcmake, LCGsoft/LCGInfo, ...
  - {Jenkins, CDash, JIRA} infrastructures
  - GenSer
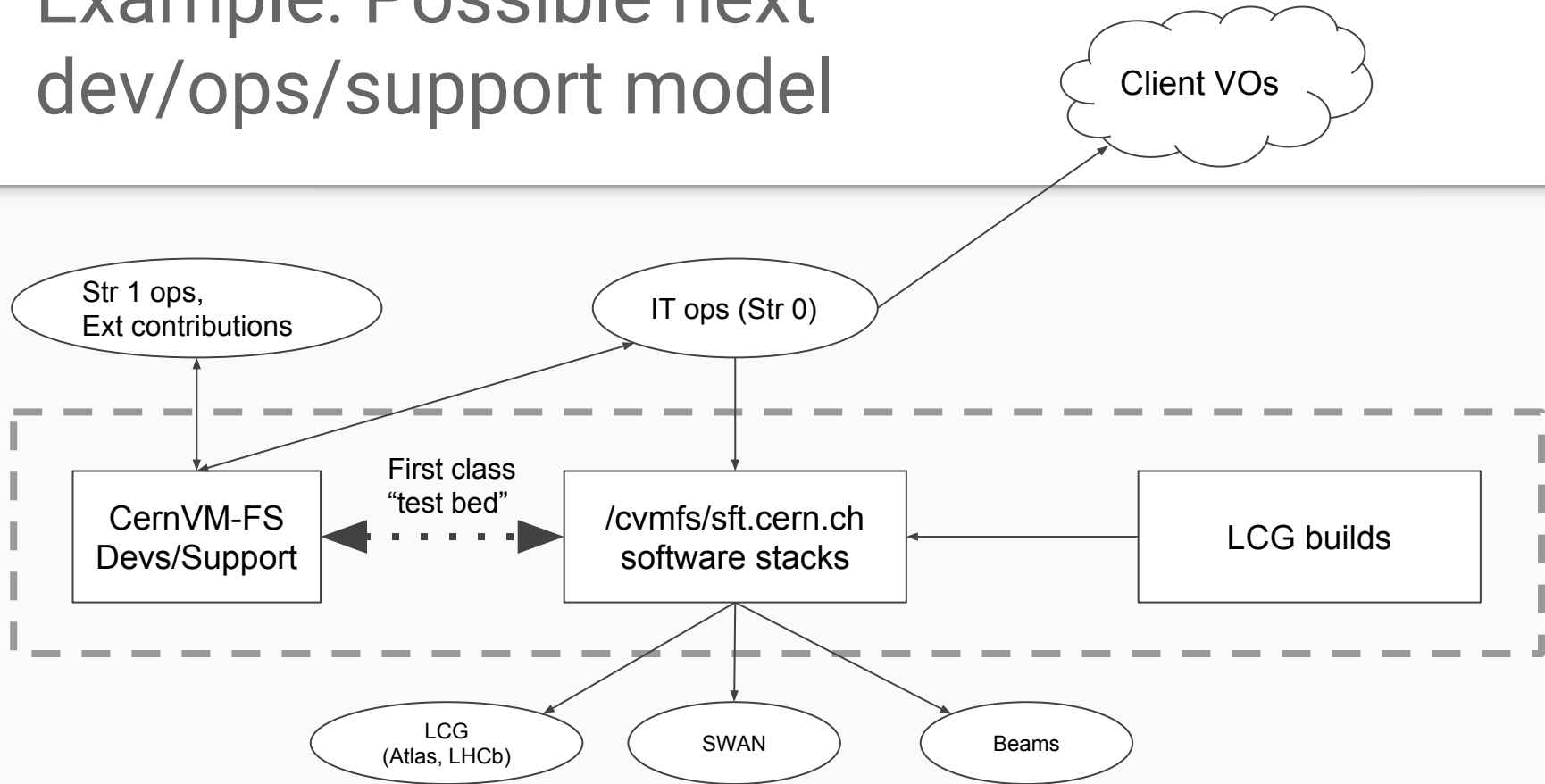- Web support
  - Move to Drupal 8

Potential initial synergetic evolution

- Deeper integration in the Dev/Ops/Support model
  - See next slides
- Optimization of the Jenkins Container service
  - Docker-CernVM-FS Graphdriver
- CernVM appliance as base image
- HSF packaging
- ...

Example: Current dev/ops/support model

Client VOs

Str 1 ops, Ext contributions

IT ops (Str 0)

CernVM-FS Devs/Support

/cvmfs/sft.cern.ch software stacks

LCG builds

LCG (Atlas, LHCb)

SWAN

Beams

Example: Possible next dev/ops/support model

Service tasks: 2017 table

Service/Task	Main Responsible	Alternate	Documentation
Jenkins service	Patricia Mendez	Gunter Folger	HowTo
Coverity service	Federico Carminati	Axel Naumann	
CDash service	Benedikt Hegner	Patricia Mendez	HowTo
Web Services deprecated root.cern.ch	IT Dep Axel Naumann	IT Dep	HowTo
SLC/CC nodes	Patricia Mendez	Gunter Folger	
Windows nodes	Bertrand Bellenot	Gunter Folger	
Mac nodes	Witek Pokorski	Elena Gianolio	
Other OS nodes	Gerardo Ganis	Axel Naumann	
Drupal Manager	Danilo Piparo	Nefeli Kousi	
ITUM contact	Patricia Mendez	Jakob Blomer	
C5 contact	Federico Carminati	Patricia Mendez	HowTo
Jira Service	Ilias Goulas	Benedikt Hegner	

Group meeting

- Wednesday at 10h in 32-1-A24
- Agenda
  - Tour de table
    - Review of previous actions, identification of next ones
  - Topical subject (optional)
- Objective is to have a list of actions for each member
- Target duration: max 1h
  - When required start at 9h (slot is 9h-11h)

Towards a plan of work for 2018

- Each of us should produce
    - Status of current assignment and immediate evolution
    - Medium term evolution
- We will discuss all together on Wednesdays
    - Head to head preparation encouraged

- Targets
    - EP-SFT Retreat (early february)
    - Mid/Late February presentation at Monday group meeting

- For CernVM, input from the workshop end of January