CMS

CVMFS Deployment Status in CMS
CVMFS Deployment Task Force June 2013
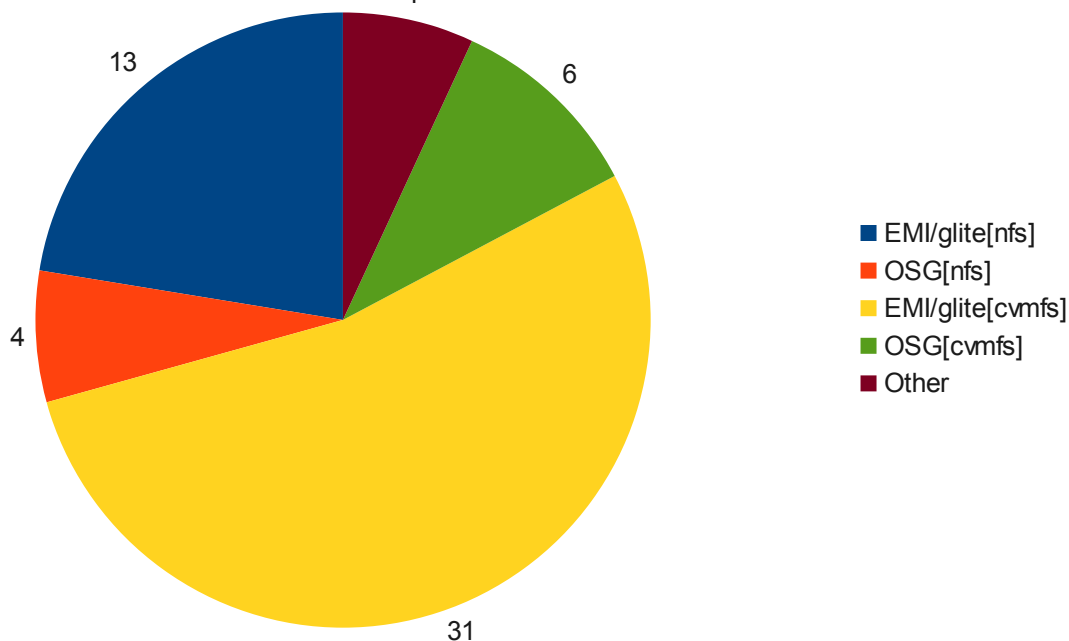
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Compact Muon Solenoid

CMS Timeline

◆ Stop sending installation jobs in **September 2013**

◆ CVMFS becomes mandatory in **April 2014**
  - Locally installed software might no work with certain workflows
  - Some things might simply assume to have CVMFS
  - Until April 2014 local installations are supposed to work

Site Status

SW Area Technoloy CMS T1/T2

Legend:
- EMI/glite[nfs]
- OSG[nfs]
- EMI/glite[cvmfs]
- OSG[cvmfs]
- Other

Pie chart values: 4, 13, 6, 4, 31

◆ **About 2 thirds of T1/T2 sites using CVMFS**

◆ **Remaining sites will be contacted**
  - CMS channels first
  - GGUS if needed

◆ CMS will address the Tier-3s over the Summer

Middleware CVMFS Repository

- CMS is investigating usage of "opportunistic sites"
  - Can even be a no-WLCG site
  - Likely not having CVMFS nor gLite/EMI clients

- CMS wants to provide software via CVMFS through **Parrot**
  - Allows CVMFS installation during run-time as "non-root" user
  - Some performance penalties

- CVMFS repository grid.cern.ch
  - Provides UI clients from gLite/EMI for SL5 and SL6
  - Who maintains it?
  - CA installation appears to be outdated...
  - Experiences from other VOs? Is it production ready?

Remaining Sites (1/2)

CMS Site name	WLCG Site name	Comment
T0_CH_CERN	CERN-PROD	Can switch any time - prepared
T1_US_FNAL	USCMS-FNAL-WC1	
T2_AT_Vienna	Hephy-Vienna	
T2_BE_IIHE	BEgrid-ULB-VUB	
T2_BE_UCL	BelGrid-UCL	
T2_BR_SPRACE	SPRACE	
T2_BR_UERJ	HEPGRID_UERJ	
T2_FI_HIP	FI_HIP_T2	SL6 WNs with CVMFS
T2_FR_IPHC	IN2P3-IRES	
T2_GR_Ioannina	GR-07-UOI-HEPLAB	
T2_HU_Budapest	BUDAPEST	
T2_IN_TIFR	INDIACMS-TIFR	
T2_IT_Bari	INFN-BARI	
T2_IT_Pisa	INFN-PISA	
T2_IT_Rome	INFN-ROMA1-CMS	

Remaining Sites (2/2)

CMS Site name	WLCG Site name	Comment
T2_PK_NCP	NCP-LCG2	
T2_RU_INR	Ru-Troitsk-INR-LCG2	
T2_RU_RRC_KI	RRC-KI	
T2_RU_SINP	ru-Moscow-SINP-LCG2	
T2_UK_London_IC	UKI-LT2-IC-HEP	
T2_US_MIT	MIT_CMS	
T2_US_UCSD	UCSDT2-B	