

# SAM3 Migration

This document summarizes the main availability differences between the May 2020 draft reports generated by the old and new infrastructures:

- Old: <http://wlcg-sam.cern.ch/reports/2020/202005/wlcg/>
- New: <http://monit-wlcg-sitemon.web.cern.ch/monit-wlcg-sitemon/reports/>

Few notes about the comparison below:

- Only differences for May are presented (ignore previous months)
- Sites with differences smaller than 5% are not shown
- Sites with 0% availability are not shown
  - Should be marked to not be tested by ETF or fixed
- Most differences can be explained by these 4 main reasons:
  - **(nodata)** Periods no NODATA accounted as OK in the old infrastructure
  - **(unknown)** Periods no UNKNOWN accounted as OK in the old infrastructure
  - **(downtime)** Shorter periods of downtime in old infrastructure
  - **(federation)** Misconfiguration of the infrastructure

## ATLAS

Tier	Federation	Site	New	Old	Reason
T2	UK-ScotGrid	UKI-SCOTGRID-ECDF	50	100	nodata
T2	CN-IHEP	BEIJING-LCG2	68	93	downtime
T2	DE-DESY-RWTH-CMS-T2	DESY-ZH	10	90	federation
T1	TW-ASGC	Taiwan-LCG2	70	99	other (missing endpoint in VoFeed)
T2	T2-LATINAMERICA	EELA-UTFSM	94	87	other (missing metrics in old infra)

## CMS

Tier	Federation	Site	New	Old	Reason
T2	FR-GRIF	T2_FR_GRIF_LLNR	80	89	nodata
T2	TW-CMS-T2	T2_TW_NCHC	76	96	nodata
T2	CN-IHEP	T2_CN_Beijing	69	93	downtime

## LHCB

Tier	Federation	Site	New	Old	Reason
T1	NRC-KI-T1	LCG.RRCKI.ru	66	100	nodata
T2	CH-CHIPP-CSCS	LCG.CSCS.ch	70	78	nodata
T2	FR-IN2P3-LPC	LCG.LPC.fr	75	95	nodata
T2	IL-HEPTier-2	LCG.TAU.il	1	100	nodata
T2	IT-INFN-T2	LCG.Frascati.it	52	97	nodata
T2	IT-INFN-T2	LCG.Legnaro.it	27	100	nodata

T2	IT-INFN-T2	LCG.NapoliRECAS.it	3	100	nodata
T2	PL-TIER2-WLCG	LCG.Krakow.pl	81	99	nodata
T2	RO-LCG	LCG.NIPNE-11.ro	90	100	nodata
T2	UK-NorthGrid	LCG.Sheffield.uk	0	86	nodata
T2	UK-ScotGrid	LCG.Durham.uk	53	89	nodata
T2	FR-GRIF	LCG.LPNHE.fr	92	10	unknown
T2	FR-GRIF	LCG.LPNHE.fr	92	10	unknown
T2	IT-INFN-T2	LCG.NAPOLI-ATLAS.it	17	100	unknown
T2	UK-ScotGrid	LCG.ECDF.uk	59	100	unknown
T2	ES-LHCb-T2	LCG.USC.es	92	100	downtime
T2	CN-IHEP	LCG.Beijing.cn	73	93	downtime
T2	DE-DESY-LHCB	LCG.DESYZN.de	90	100	federation
T2	DE-DESY-RWTH-CMS-T2	LCG.DESYZN.de	10	100	federation

## ALICE

Tier	Federation	Site	New	Old	Reason
T2	FR-IN2P3-LPC	Clermont	92	100	nodata
T2	FR-IN2P3-SUBATECH	Subatech	91	99	nodata
T2	PL-TIER2-WLCG	Cyfronet	91	99	nodata
T2	RU-RDIG	RRC-KI	51	99	nodata
T2	T2_UNAM	UNAM_T1	34	100	nodata
T2	US-LBNL-ALICE	LBL_HPCS	41	100	federation
T1	NDGF	NDGF-T1	95	100	other (duplicate tests)
T2	IT-INFN-T2	Catania	38	98	other (old infra wrong)