



# Tier-2 Availability and Reliability Report

Federation Summary - Sorted by Name

January 2008

Critical Sam Tests - <http://sam-docs.web.cern.ch/sam-docs/docs/html/docs/MANUserManual/node22.html>

*availability = % of successful tests during the day*

*reliability = availability/scheduled availability*

*Reliability and availability for federation - average of all sites in the federation*

**Colour coding:**



Federation	reli- ability	avail- ability
AT-HEPHY-VIENNA-UIBK	100%	99%
AU-ATLAS	27%	27%
BE-TIER2	76%	76%
CH-CHIPP-CSCS	41%	56%
CN-IHEP	99%	99%
CZ-Prague-T2	74%	74%
DE-MCAT	79%	79%
DE-DESY-LHCb-T2	98%	97%
DE-DESY-RWTH-CMS-T2	84%	84%
DE-FREIBURG WUPPERTAL	59%	62%
DE-GSI	88%	88%
ES-ATLAS-T2 tbc	92%	92%
ES-CMS-T2	46%	58%
ES-LHCb-T2	74%	72%
FI-HIP-T2	0%	0%
FR-GRIF	100%	99%
FR-IN2P3-CC-T2	100%	95%
FR-IN2P3-LAPP	97%	97%
FR-IN2P3-LPC	99%	99%
FR-IN2P3-SUBATECH	98%	98%
HU-HGCC-T2	0%	0%
IL-HEPTier-2	44%	46%
IN-DAE-KOLKATA-TIER2	92%	92%
IN-INDIACMS-TIFR	0%	0%
IT-ALICE-federation	64%	64%
IT-ATLAS-federation	69%	69%
IT-CMS-federation	59%	58%
IT-LHCb-federation	64%	64%

Federation	reli- ability	avail- ability
JP-Tokyo-ATLAS-T2	99%	98%
NO-NORGRID-T2	0%	0%
PK-CMS-T2	1%	14%
PL-TIER2-WLCG	94%	94%
PT-LIP-LCG-Tier2	7%	39%
RO-LCG	68%	77%
RU-RDIG	71%	71%
SE-SNIC-T2	0%	0%
SI-SiNET	87%	87%
TW-	96%	94%
TR-Tier2-federation	0%	0%
UA-	0%	0%
UK-London-Tier2	67%	73%
UK-NorthGrid	89%	89%
UK-ScotGrid	95%	95%
UK-SouthGrid	90%	87%
US-AGLT2	0%	0%
US-Caltech	0%	0%
US-Florida	0%	0%
US-MIT	0%	0%
US-MWT2	0%	0%
US-Nebraska	0%	0%
US-NET2	0%	0%
US-Purdue-T2	0%	0%
US-SWT2	0%	0%
US-UCSD	0%	0%
US-Wisconsin	0%	0%
US-WT2	0%	0%

\* US sites in OSG are not yet included in the critical test system



# Tier-2 Availability and Reliability Report

Federation Summary - Sorted by Reliability

January 2008

Critical Sam Tests - <http://sam-docs.web.cern.ch/sam-docs/docs/html/docs/MANUserManual/node22.html>

*availability = % of successful tests during the day*

*reliability = availability/scheduled availability*

*Reliability and availability for federation - average of all sites in the federation*

Colour coding:



Federation	reli- ability	avail- ability
FR-GRIF	100%	99%
FR-IN2P3-CC-T2	100%	95%
AT-HEPHY-VIENNA-UIBK	100%	99%
JP-Tokyo-ATLAS-T2	99%	98%
FR-IN2P3-LPC	99%	99%
CN-IHEP	99%	99%
DE-DESY-LHCb-T2	98%	97%
FR-IN2P3-SUBATECH	98%	98%
FR-IN2P3-LAPP	97%	97%
TW-	96%	94%
UK-ScotGrid	95%	95%
PL-TIER2-WLCG	94%	94%
IN-DAE-KOLKATA-TIER2	92%	92%
ES-ATLAS-T2 tbc	92%	92%
UK-SouthGrid	90%	87%
UK-NorthGrid	89%	89%
DE-GSI	88%	88%
SI-SiNET	87%	87%
DE-DESY-RWTH-CMS-T2	84%	84%
DE-MCAT	79%	79%
BE-TIER2	76%	76%
CZ-Prague-T2	74%	74%
ES-LHCb-T2	74%	72%
RU-RDIG	71%	71%
IT-ATLAS-federation	69%	69%
RO-LCG	68%	77%
UK-London-Tier2	67%	73%
IT-LHCb-federation	64%	64%

Federation	reli- ability	avail- ability
IT-ALICE-federation	64%	64%
DE-FREIBURG WUPPERTAL	59%	62%
IT-CMS-federation	59%	58%
ES-CMS-T2	46%	58%
IL-HEPTier-2	44%	46%
CH-CHIPP-CSCS	41%	56%
AU-ATLAS	27%	27%
PT-LIP-LCG-Tier2	7%	39%
PK-CMS-T2	1%	14%
FI-HIP-T2	0%	0%
HU-HGCC-T2	0%	0%
IN-INDIACMS-TIFR	0%	0%
NO-NORGRID-T2	0%	0%
SE-SNIC-T2	0%	0%
TR-Tier2-federation	0%	0%
UA-	0%	0%
US-AGLT2	0%	0%
US-Caltech	0%	0%
US-Florida	0%	0%
US-MIT	0%	0%
US-MWT2	0%	0%
US-Nebraska	0%	0%
US-NET2	0%	0%
US-Purdue-T2	0%	0%
US-SWT2	0%	0%
US-UCSD	0%	0%
US-Wisconsin	0%	0%
US-WT2	0%	0%

\* US sites in OSG are not yet included in the critical test system





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January 2008

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availability = % of successful tests during the day

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Reliability and availability for federation - average of all sites in the federation

Colour coding:



Federation	Site	reliability	availability	----- reliability history -----		
				Oct-07	Nov-07	Dec-07
Austria, Austrian Tier-2 Federation	HEPHY-UIBK	100%	99%	99%	96%	99%
<b>AT-HEPHY-VIENNA-UIBK</b>		100%	99%	99%	96%	99%
Australia, University of Melbourne	Australia-UNIMELB-LCG2	27%	27%	90%	80%	83%
<b>AU-ATLAS</b>		27%	27%	90%	80%	83%
Belgium, Belgian Tier-2 Federation	BEgrid-ULB-VUB	79%	79%	77%	76%	78%
	BelGrid-UCL	72%	73%	64%	58%	0%
<b>BE-TIER2</b>		76%	76%	71%	67%	39%
Switzerland, CHIPP	CSCS-LCG2	41%	56%	57%	83%	87%
<b>CH-CHIPP-CSCS</b>		41%	56%	57%	83%	87%
China, IHEP, Beijing	BEIJING-LCG2	99%	99%	54%	71%	81%
<b>CN-IHEP</b>		99%	99%	54%	71%	81%
Czech Rep., FZU AS, Prague	praguelcg2	70%	70%	94%	87%	80%
	prague_cesnet_lcg2	78%	78%	99%	93%	65%
<b>CZ-Prague-T2</b>		74%	74%	97%	90%	72%
Germany, ATLAS Federation, Munich	LRZ-LMU	90%	90%	0%	83%	0%
	MPPMU	68%	68%	0%	55%	89%
<b>DE-MCAT</b>		79%	79%	0%	69%	45%
Germany, DESY, Hamburg	DESY-HH	98%	96%	97%	100%	100%
	DESY-ZN	99%	98%	98%	100%	99%
<b>DE-DESY-LHCb-T2</b>		98%	97%	97%	100%	99%
Germany, CMS Federation	DESY-HH	98%	96%	97%	100%	100%
	DESY-ZN	99%	98%	98%	100%	99%
	RWTH-Aachen	57%	57%	68%	80%	25%
<b>DE-DESY-RWTH-CMS-T2</b>		84%	84%	88%	93%	75%
Germany, ATLAS Federation FR/W	UNI-FREIBURG	71%	75%	51%	90%	99%
	wuppertalprod	48%	48%	0%	39%	68%
<b>DE-FREIBURGWUPPERTAL</b>		59%	62%	25%	64%	83%
Germany, GSI, Darmstadt	GSI-LCG2	88%	88%	99%	84%	51%
<b>DE-GSI</b>		88%	88%	99%	84%	51%
Spain, ATLAS Federation	Ifae	98%	98%	96%	73%	92%
	IFIC-LCG2	87%	89%	99%	98%	97%
	UAM-LCG2	90%	88%	98%	90%	28%
<b>ES-ATLAS-T2 tbc</b>		92%	92%	98%	87%	72%
Spain, CMS Federation	CIEMAT-LCG2	91%	92%	91%	82%	96%
	IFCA-LCG2	0%	24%	89%	72%	19%
<b>ES-CMS-T2</b>		46%	58%	90%	77%	57%
Spain, LHCb Federation	UB-LCG2	50%	49%	96%	97%	35%
	USC-LCG2	98%	95%	96%	96%	90%
<b>ES-LHCb-T2</b>		74%	72%	96%	96%	62%
Finland, NDGF/HIP Tier2	HIP-T2	0%	0%	0%	0%	0%
<b>FI-HIP-T2</b>		0%	0%	0%	0%	0%
France, GRIF, Paris	GRIF	100%	99%	98%	100%	93%
<b>FR-GRIF</b>		100%	99%	98%	100%	93%
France, CC-IN2P3 AF	IN2P3-CC-T2	100%	95%	90%	86%	90%
<b>FR-IN2P3-CC-T2</b>		100%	95%	90%	86%	90%
France, LAPP, Annecy	IN2P3-LAPP	97%	97%	99%	99%	91%
<b>FR-IN2P3-LAPP</b>		97%	97%	99%	99%	91%
France, LPC, Clermont-Ferrand	IN2P3-LPC	99%	99%	99%	99%	99%
<b>FR-IN2P3-LPC</b>		99%	99%	99%	99%	99%
France, SUBATECH, Nantes	IN2P3-SUBATECH	98%	98%	98%	91%	89%
<b>FR-IN2P3-SUBATECH</b>		98%	98%	98%	91%	89%
Hungary, HGCC Federation	BUDAPEST	0%	0%	72%	88%	56%
	ELTE	0%	0%	0%	55%	15%
<b>HU-HGCC-T2</b>		0%	0%	36%	72%	36%
Israel, HEP-IL Tier-2 Federation	WEIZMANN-LCG2	82%	84%	72%	88%	56%
	TAU-LCG2	7%	7%	0%	55%	15%
<b>IL-HEPTier-2</b>		44%	46%	36%	72%	36%
India, VECC/SINP, Kolkata	IN-DAE-VECC-01	92%	92%	84%	77%	98%
<b>IN-DAE-KOLKATA-TIER2</b>		92%	92%	84%	77%	98%
India, TIFR, Mumbai	INDIACMS-TIFR	0%	0%	0%	0%	0%
<b>IN-INDIACMS-TIFR</b>		0%	0%	0%	0%	0%
Italy, INFN ALICE Federation	INFN-BARI	16%	15%	46%	91%	30%
	INFN-CATANIA	52%	54%	17%	62%	27%
	INFN-LNL-2	61%	65%	99%	93%	96%

Federation	Site	reli- ability	avail- ability	----- reliability history -----		
				Oct-07	Nov-07	Dec-07
	INFN-NAPOLI-ATLAS	92%	90%	85%	69%	99%
	INFN-MILANO	77%	78%	41%	88%	74%
	INFN-PISA	82%	78%	85%	66%	82%
	INFN-TORINO	68%	68%	77%	74%	47%
		64%	64%	64%	78%	65%
<b>IT-ALICE-federation</b>						
Italy, INFN ATLAS Federation	INFN-NAPOLI-ATLAS	92%	90%	85%	69%	99%
	INFN-BARI	16%	15%	46%	91%	30%
	INFN-LNL-2	61%	65%	99%	93%	96%
	INFN-MILANO	77%	78%	41%	88%	74%
	INFN-FRASCATI	60%	66%	90%	92%	87%
	INFN-TORINO	68%	68%	77%	74%	47%
	INFN-PISA	82%	78%	85%	66%	82%
	INFN-ROMA1	92%	91%	93%	63%	0%
<b>IT-ATLAS-federation</b>						
Italy, INFN CMS Federation	INFN-BARI	16%	15%	46%	91%	30%
	INFN-LNL-2	61%	65%	99%	93%	96%
	INFN-NAPOLI-ATLAS	92%	90%	85%	69%	99%
	INFN-PISA	82%	78%	85%	66%	82%
	INFN-ROMA1	92%	91%	93%	63%	0%
	INFN-ROMA1-CMS	0%	0%	9%	36%	0%
	INFN-TORINO	68%	68%	77%	74%	47%
		59%	58%	71%	70%	51%
<b>IT-CMS-federation</b>						
Italy, INFN LHCb Federation	INFN-BARI	16%	15%	46%	91%	30%
	INFN-CATANIA	52%	54%	17%	62%	27%
	INFN-LNL-2	61%	65%	99%	93%	96%
	INFN-MILANO	77%	78%	41%	88%	74%
	INFN-NAPOLI-ATLAS	92%	90%	85%	69%	99%
	INFN-PISA	82%	78%	85%	66%	82%
	INFN-TORINO	68%	68%	77%	74%	47%
		64%	64%	64%	78%	65%
<b>IT-LHCb-federation</b>						
Japan, ICEPP, Tokyo	TOKYO-LCG2	99%	98%	99%	58%	100%
<b>JP-Tokyo-ATLAS-T2</b>						
Norway, UNINETT SIGMA Tier-2	NO-NORGRID-T2	0%	0%	0%	0%	0%
<b>NO-NORGRID-T2</b>						
Pakistan, Pakistan Tier-2 Federation	NCP-LCG2	2%	22%	0%	0%	39%
	PAKGRID-LCG2	0%	7%	0%	0%	0%
		1%	14%	0%	0%	19%
<b>PK-CMS-T2</b>						
Poland, Polish Tier-2 Federation	AMD64.PSNC.PL	93%	93%	85%	93%	91%
	CYFRONET-IA64	97%	97%	95%	97%	87%
	CYFRONET-LCG2	94%	94%	71%	84%	87%
	egee.man.poznan.pl	88%	88%	66%	78%	91%
	WARSAW-EGEE	97%	97%	93%	99%	99%
		94%	94%	82%	90%	91%
<b>PL-TIER2-WLCG</b>						
Portugal, LIP Tier-2 Federation	LIP-Coimbra	4%	44%	94%	98%	82%
	LIP-Lisbon	11%	35%	88%	98%	37%
		7%	39%	91%	98%	60%
<b>PT-LIP-LCG-Tier2</b>						
Romania, Romanian Tier-2 Federation	NIHAM	90%	92%	85%	91%	93%
	RO-02-NIPNE	48%	67%	93%	93%	89%
	RO-07-NIPNE	56%	66%	42%	82%	34%
	RO-11-NIPNE	78%	81%	67%	27%	45%
		68%	77%	72%	73%	65%
<b>RO-LCG</b>						
Russian Fed., Russian Data-Intensive GRID	RU-Protvino-IHEP	69%	69%	71%	72%	84%
	ITEP	95%	95%	63%	93%	84%
	JINR-LCG2	99%	99%	93%	93%	94%
	RRC-KI	0%	0%	86%	0%	0%
	RU-Moscow-SINP-LCG2	56%	56%	25%	0%	36%
	RU-Moscow-FIAN-LCG2	97%	97%	51%	94%	43%
	RU-Moscow-MEPHI-LCG2	98%	98%	92%	95%	44%
	RU-Phys-SPbSU	94%	94%	96%	97%	92%
	ru-PNPI-LCG2	0%	0%	44%	85%	0%
	RU-SPbSU	80%	80%	86%	83%	92%
	RU-Troitsk-INR-LCG2	93%	93%	79%	93%	2%
		71%	71%	71%	73%	52%
<b>RU-RDIG</b>						

Federation	Site	reli- ability	avail- ability	----- reliability history -----		
				Oct-07	Nov-07	Dec-07
Sweden, SNIC Tier-2	SE-SNIC-T2	0%	0%	0%	0%	0%
<b>SE-SNIC-T2</b>		0%	0%	0%	0%	0%
Slovenia, SiGNET	SiGNET	87%	87%	95%	99%	51%
<b>SI-SiGNET</b>		87%	87%	95%	99%	51%
Taipei, Taiwan Analysis Facility Federation	TW-FTT	96%	94%	89%	98%	88%
<b>TW-</b>		96%	94%	89%	98%	88%
Turkey, Turkish Tier-2 Federation	TR-10-ULAKBIM	0%	0%	94%	98%	82%
	TR-03-METU	0%	0%	88%	98%	37%
<b>TR-Tier2-federation</b>		0%	0%	91%	98%	60%
Ukraine, Ukrainian Tier-2 Federation	no information received from collaboration board member	0%	0%	0%	0%	0%
<b>UA-</b>		0%	0%	0%	0%	0%
UK, London Tier 2	UKI-LT2-Brunel	98%	95%	97%	98%	98%
	UKI-LT2-IC-HEP	80%	87%	98%	98%	91%
	UKI-LT2-IC-LeSC	80%	87%	98%	99%	93%
	UKI-LT2-QMUL	51%	51%	65%	65%	16%
	UKI-LT2-RHUL	64%	68%	84%	58%	22%
	UKI-LT2-UCL-CENTRAL	0%	24%	82%	59%	0%
	UKI-LT2-UCL-HEP	97%	97%	0%	50%	96%
<b>UK-London-Tier2</b>		67%	73%	75%	75%	60%
UK, NorthGrid	UKI-NORTHGRID-LANCS-HEP	81%	81%	99%	86%	75%
	UKI-NORTHGRID-LIV-HEP	90%	90%	84%	91%	97%
	UKI-NORTHGRID-MAN-HEP	87%	87%	66%	95%	95%
	UKI-NORTHGRID-SHEF-HEP	97%	96%	50%	63%	97%
<b>UK-NorthGrid</b>		89%	89%	75%	84%	91%
UK, ScotGrid	UKI-SCOTGRID-DURHAM	97%	97%	92%	91%	90%
	ScotGRID-Edinburgh	96%	96%	78%	97%	83%
	UKI-SCOTGRID-GLASGOW	92%	92%	96%	97%	94%
<b>UK-ScotGrid</b>		95%	95%	89%	95%	89%
UK, SouthGrid	EFDA-JET	96%	96%	98%	92%	73%
	UKI-SOUTHGRID-BHAM-HEP	73%	67%	94%	97%	96%
	UKI-SOUTHGRID-BRIS-HEP	99%	96%	98%	97%	98%
	UKI-SOUTHGRID-CAM-HEP	91%	90%	80%	90%	29%
	UKI-SOUTHGRID-OX-HEP	90%	89%	70%	98%	91%
	UKI-SOUTHGRID-RALPP	91%	86%	89%	95%	87%
<b>UK-SouthGrid</b>		90%	87%	88%	95%	79%
USA, Great Lakes ATLAS T2 *	AGLT2	0%	0%	0%	0%	0%
<b>US-AGLT2</b>		0%	0%	0%	0%	0%
USA, Caltech CMS T2 *	CIT_CMS_T2	0%	0%	0%	0%	0%
<b>US-Caltech</b>		0%	0%	0%	0%	0%
USA, Florida CMS T2 *	Uflorida-PG	0%	0%	0%	0%	0%
	UFlorida-HPC	0%	0%	0%	0%	0%
	Uflorida-IHEPA	0%	0%	0%	0%	0%
<b>US-Florida</b>		0%	0%	0%	0%	0%
USA, MIT CMS T2 *	MIT_CMS	0%	0%	0%	0%	0%
<b>US-MIT</b>		0%	0%	0%	0%	0%
USA, Midwest ATLAS T2 *	MWT2_UC	0%	0%	0%	0%	0%
	MWT2_IU	0%	0%	0%	0%	0%
	UC_Teraport	0%	0%	0%	0%	0%
	UC_ATLAS_MWT2	0%	0%	0%	0%	0%
	IU_ATLAS_Tier2	0%	0%	0%	0%	0%
	IU_OSG	0%	0%	0%	0%	0%
<b>US-MWT2</b>		0%	0%	0%	0%	0%
USA, Nebraska CMS T2 *	Nebraska	0%	0%	0%	0%	0%
<b>US-Nebraska</b>		0%	0%	0%	0%	0%
USA, Northeast ATLAS T2 *	BU_ATLAS_Tier2	0%	0%	0%	0%	0%
	BU_ATLAS_Tier2o	0%	0%	0%	0%	0%
<b>US-NET2</b>		0%	0%	0%	0%	0%
USA, Purdue CMS T2 *	Purdue-Lear	0%	0%	0%	0%	0%
	Purdue-RCAC	0%	0%	0%	0%	0%
<b>US-Purdue-T2</b>		0%	0%	0%	0%	0%
USA, Southwest ATLAS T2 *	OU_OCCEP_SWT2	0%	0%	0%	0%	0%
	OU_OSCER_ATLAS	0%	0%	0%	0%	0%
	UTA_DPCC	0%	0%	0%	0%	0%
	UTA_SWT2	0%	0%	0%	0%	0%
<b>US-SWT2</b>		0%	0%	0%	0%	0%
USA, UC San Diego CMS T2 *	UCSDT2	0%	0%	0%	0%	0%
<b>US-UCSD</b>		0%	0%	0%	0%	0%
USA, U. Wisconsin CMS T2 *	GLOW	0%	0%	0%	0%	0%
<b>US-Wisconsin</b>		0%	0%	0%	0%	0%
USA, SLAC ATLAS T2 *	PROD_SLAC	0%	0%	0%	0%	0%
<b>US-WT2</b>		0%	0%	0%	0%	0%

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