



# Tier-2 Availability and Reliability Report

Federation Summary - Sorted by Name

June 2008

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

Availability = % of successful tests

Reliability = Availability / Scheduled Availability

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

Colour coding :      N/A      < 30%      < 60%      < 90%      >= 90%

Federation	Reli-ability	Avail-ability	Federation	Reli-ability	Avail-ability
AT-HEPHY-VIENNA-UIBK	100 %	100 %	JP-Tokyo-ATLAS-T2	100 %	100 %
AU-ATLAS	26 %	25 %	KR-KISTI-T2	89 %	85 %
BE-TIER2	91 %	78 %	NO-NORDGRID-T2	N/A	N/A
CA-EAST-T2	79 %	76 %	PK-CMS-T2	80 %	78 %
CA-WEST-T2	94 %	90 %	PL-TIER2-WLCG	83 %	61 %
CH-CHIPP-CSCS	96 %	97 %	PT-LIP-LCG-Tier2	82 %	76 %
CN-IHEP	78 %	73 %	RO-LCG	73 %	66 %
CZ-Prague-T2	90 %	90 %	RU-RDIG	89 %	87 %
DE-DESY-ATLAS-T2	99 %	99 %	SE-SNIC-T2	N/A	N/A
DE-DESY-RWTH-CMS-T2	66 %	66 %	SI-SIGNET	96 %	94 %
DE-FREIBURGWUPPERTAL	61 %	61 %	T2_US_Caltech	N/A	N/A
DE-GSI	N/A	N/A	T2_US_Florida	N/A	N/A
DE-MCAT	93 %	91 %	T2_US_MIT	N/A	N/A
EE-NICPB	21 %	22 %	T2_US_Nebraska	N/A	N/A
ES-ATLAS-T2	91 %	90 %	T2_US_Purdue	N/A	N/A
ES-CMS-T2	97 %	96 %	T2_US_UCSD	N/A	N/A
ES-LHCb-T2	95 %	94 %	T2_US_Wisconsin	N/A	N/A
FI-HIP-T2	90 %	90 %	TR-Tier2-federation	93 %	93 %
FR-GRIF	100 %	100 %	TW-FTT-T2	93 %	93 %
FR-IN2P3-CC-T2	95 %	82 %	UA-	N/A	N/A
FR-IN2P3-LAPP	99 %	99 %	UK-London-Tier2	92 %	74 %
FR-IN2P3-LPC	100 %	99 %	UK-NorthGrid	94 %	94 %
FR-IN2P3-SUBATECH	91 %	91 %	UK-ScotGrid	98 %	81 %
HU-HGCC-T2	84 %	67 %	UK-SouthGrid	88 %	86 %
IL-HEPTier-2	50 %	40 %	US-AGLT2	N/A	N/A
IN-DAE-KOLKATA-TIER2	80 %	80 %	US-MWT2	N/A	N/A
IN-INDIACMS-TIFR	71 %	54 %	US-NET2	N/A	N/A
IT-ALICE-federation	76 %	73 %	US-SWT2	N/A	N/A
IT-ATLAS-federation	76 %	73 %	US-WT2	N/A	N/A
IT-CMS-federation	76 %	73 %			
IT-LHCb-federation	76 %	73 %			



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Colour coding :      N/A      < 30%      < 60%      < 90%      >= 90%

Federation	Reli-ability	Avail-ability	Federation	Reli-ability	Avail-ability
US-SWT2	N/A	N/A	T2_US_Florida	N/A	N/A
FR-IN2P3-LPC	100 %	99 %	PL-TIER2-WLCG	83 %	61 %
FR-GRIF	100 %	100 %	T2_US_Caltech	N/A	N/A
AT-HEPHY-VIENNA-UIBK	100 %	100 %	PT-LIP-LCG-Tier2	82 %	76 %
JP-Tokyo-ATLAS-T2	100 %	100 %	PK-CMS-T2	80 %	78 %
FR-IN2P3-LAPP	99 %	99 %	IN-DAE-KOLKATA-TIER2	80 %	80 %
DE-DESY-ATLAS-T2	99 %	99 %	CA-EAST-T2	79 %	76 %
UK-ScotGrid	98 %	81 %	CN-IHEP	78 %	73 %
ES-CMS-T2	97 %	96 %	US-MWT2	N/A	N/A
CH-CHIPP-CSCS	96 %	97 %	IT-ALICE-federation	76 %	73 %
SI-SiNET	96 %	94 %	IT-ATLAS-federation	76 %	73 %
FR-IN2P3-CC-T2	95 %	82 %	IT-CMS-federation	76 %	73 %
ES-LHCb-T2	95 %	94 %	IT-LHCb-federation	76 %	73 %
CA-WEST-T2	94 %	90 %	RO-LCG	73 %	66 %
UK-NorthGrid	94 %	94 %	IN-INDIACMS-TIFR	71 %	54 %
DE-MCAT	93 %	91 %	T2_US_Nebraska	N/A	N/A
TR-Tier2-federation	93 %	93 %	DE-DESY-RWTH-CMS-T2	66 %	66 %
TW-FTT-T2	93 %	93 %	DE-FREIBURGWUPPERTAL	61 %	61 %
UK-London-Tier2	92 %	74 %	US-AGLT2	N/A	N/A
ES-ATLAS-T2	91 %	90 %	IL-HEPTier-2	50 %	40 %
FR-IN2P3-SUBATECH	91 %	91 %	AU-ATLAS	26 %	25 %
BE-TIER2	91 %	78 %	EE-NICPB	21 %	22 %
FI-HIP-T2	90 %	90 %	US-NET2	N/A	N/A
CZ-Prague-T2	90 %	90 %	DE-GSI	N/A	N/A
T2_US_Purdue	N/A	N/A	NO-NORDGRID-T2	N/A	N/A
RU-RDIG	89 %	87 %	SE-SNIC-T2	N/A	N/A
KR-KISTI-T2	89 %	85 %	T2_US_Wisconsin	N/A	N/A
UK-SouthGrid	88 %	86 %	UA-	N/A	N/A
T2_US_UCSD	N/A	N/A	US-WT2	N/A	N/A
T2_US_MIT	N/A	N/A			
HU-HGCC-T2	84 %	67 %			



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Federation	Site	Reli- ability	Avail- ability	Reliability History		
				Mar-08	Apr-08	May-08
<b>AT-HEPHY-VIENNA-UIBK ( Austria, Austrian Tier-2 Federation )</b>						
	HEPHY-UIBK	100 %	100 %	99 %	99 %	99 %
<b>AU-ATLAS ( Australia, University of Melbourne )</b>						
	Australia-UNIMELB-LCG2	26 %	25 %	43 %	44 %	20 %
<b>BE-TIER2 ( Belgium, Belgian Tier-2 Federation )</b>						
	BEgrid-ULB-VUB	82 %	78 %	80 %	78 %	74 %
	BelGrid-UCL	100 %	77 %	98 %	88 %	91 %
<b>CA-EAST-T2 ( Canada-East Federation )</b>						
	TORONTO-LCG2	79 %	76 %	76 %	93 %	90 %
<b>CA-WEST-T2 ( Canada-West Federation )</b>						
	ALBERTA-LCG2	96 %	84 %	68 %	92 %	95 %
	SFU-LCG2	95 %	94 %	92 %	70 %	83 %
	VICTORIA-LCG2	92 %	92 %	74 %	78 %	73 %
<b>CH-CHIPP-CSCS ( Switzerland, CHIPP )</b>						
	CSCS-LCG2	96 %	97 %	87 %	67 %	94 %
<b>CN-IHEP ( China, IHEP, Beijing )</b>						
	BEIJING-LCG2	78 %	73 %	71 %	87 %	85 %
<b>CZ-Prague-T2 ( Czech Rep., FZU AS, Prague )</b>						
	prague_cesnet_lcg2	87 %	87 %	97 %	84 %	97 %
	prague_lcg2	93 %	93 %	95 %	89 %	82 %
<b>DE-DESY-ATLAS-T2 ( Germany ATLAS Federation, DESY )</b>						
	DESY-HH	98 %	98 %	99 %	98 %	98 %
	DESY-ZN	100 %	100 %	96 %	98 %	99 %
<b>DE-DESY-RWTH-CMS-T2 ( Germany, CMS Federation )</b>						
	DESY-HH	98 %	98 %	99 %	98 %	98 %
	DESY-ZN	100 %	100 %	96 %	98 %	99 %
	RWTH-Aachen	N/A	N/A	62 %	N/A	N/A
<b>DE-FREIBURG WUPPERTAL ( Germany, ATLAS Federation FR/W )</b>						
	UNI-FREIBURG	76 %	76 %	95 %	78 %	71 %
	wuppertalprod	47 %	46 %	82 %	71 %	76 %

Federation	Site	Reli- ability	Avail- ability	Reliability History		
				Mar-08	Apr-08	May-08
<b>DE-GSI ( Germany, GSI, Darmstadt )</b>						
	GSI-LCG2	N/A	N/A	88 %	59 %	N/A
<b>DE-MCAT ( Germany, ATLAS Federation, Munich )</b>						
	LRZ-LMU	90 %	86 %	93 %	91 %	53 %
	MPPMU	97 %	97 %	74 %	75 %	91 %
<b>EE-NICPB ( Estonia, NICPB, Tallinn )</b>						
	T2_Estonia	21 %	22 %	46 %	49 %	80 %
<b>ES-ATLAS-T2 ( Spain, ATLAS Federation )</b>						
	IFIC-LCG2	100 %	100 %	99 %	89 %	97 %
	UAM-LCG2	98 %	98 %	83 %	89 %	86 %
	ifae	77 %	71 %	93 %	97 %	95 %
<b>ES-CMS-T2 ( Spain, CMS Federation )</b>						
	CIEMAT-LCG2	96 %	96 %	98 %	93 %	99 %
	IFCA-LCG2	97 %	97 %	86 %	89 %	92 %
<b>ES-LHCb-T2 ( Spain, LHCb Federation )</b>						
	UB-LCG2	89 %	89 %	77 %	74 %	67 %
	USC-LCG2	100 %	99 %	89 %	94 %	99 %
<b>FI-HIP-T2 ( Finland, NMGF/HIP Tier2 )</b>						
	CSC	90 %	90 %	84 %	87 %	94 %
<b>FR-GRIF ( France, GRIF, Paris )</b>						
	GRIF	100 %	100 %	97 %	98 %	99 %
<b>FR-IN2P3-CC-T2 ( France, CC-IN2P3 AF )</b>						
	IN2P3-CC-T2	95 %	82 %	96 %	98 %	98 %
<b>FR-IN2P3-LAPP ( France, LAPP, Annecy )</b>						
	IN2P3-LAPP	99 %	99 %	89 %	97 %	100 %
<b>FR-IN2P3-LPC ( France, LPC, Clermont-Ferrand )</b>						
	IN2P3-LPC	100 %	99 %	100 %	95 %	98 %
<b>FR-IN2P3-SUBATECH ( France, SUBATECH, Nantes )</b>						
	IN2P3-SUBATECH	91 %	91 %	99 %	92 %	96 %
<b>HU-HGCC-T2 ( Hungary, HGCC Federation )</b>						
	BUDAPEST	90 %	68 %	97 %	89 %	90 %
	ELTE	77 %	65 %	80 %	79 %	50 %
<b>IL-HEPTier-2 ( Israel, HEP-IL Tier-2 Federation )</b>						
	TAU-LCG2	16 %	4 %	12 %	9 %	N/A
	WEIZMANN-LCG2	84 %	76 %	96 %	88 %	87 %
<b>IN-DAE-KOLKATA-TIER2 ( India, VECC/SINP, Kolkata )</b>						
	IN-DAE-VECC-01	80 %	80 %	93 %	88 %	61 %
<b>IN-INDIACMS-TIFR ( India, TIFR, Mumbai )</b>						

Federation	Site	Reliability	Availability	Reliability History		
				Mar-08	Apr-08	May-08
	INDIACMS-TIFR	71 %	54 %	53 %	74 %	62 %
<b>IT-ALICE-federation ( Italy, INFN ALICE Federation )</b>						
	INFN-BARI	92 %	92 %	85 %	81 %	90 %
	INFN-CATANIA	58 %	58 %	75 %	96 %	93 %
	INFN-FRASCATI	86 %	87 %	71 %	97 %	96 %
	INFN-LNL-2	80 %	74 %	99 %	84 %	91 %
	INFN-MILANO	88 %	88 %	96 %	91 %	99 %
	INFN-NAPOLI-ATLAS	85 %	75 %	90 %	91 %	93 %
	INFN-PISA	88 %	88 %	88 %	72 %	81 %
	INFN-ROMA1	87 %	87 %	93 %	79 %	91 %
	INFN-ROMA1-CMS	59 %	59 %	31 %	64 %	93 %
	INFN-TORINO	34 %	18 %	88 %	78 %	87 %
<b>IT-ATLAS-federation ( Italy, INFN ATLAS Federation )</b>						
	INFN-BARI	92 %	92 %	85 %	81 %	90 %
	INFN-CATANIA	58 %	58 %	75 %	96 %	93 %
	INFN-FRASCATI	86 %	87 %	71 %	97 %	96 %
	INFN-LNL-2	80 %	74 %	99 %	84 %	91 %
	INFN-MILANO	88 %	88 %	96 %	91 %	99 %
	INFN-NAPOLI-ATLAS	85 %	75 %	90 %	91 %	93 %
	INFN-PISA	88 %	88 %	88 %	72 %	81 %
	INFN-ROMA1	87 %	87 %	93 %	79 %	91 %
	INFN-ROMA1-CMS	59 %	59 %	31 %	64 %	93 %
	INFN-TORINO	34 %	18 %	88 %	78 %	87 %
<b>IT-CMS-federation ( Italy, INFN CMS Federation )</b>						
	INFN-BARI	92 %	92 %	85 %	81 %	90 %
	INFN-CATANIA	58 %	58 %	75 %	96 %	93 %
	INFN-FRASCATI	86 %	87 %	71 %	97 %	96 %
	INFN-LNL-2	80 %	74 %	99 %	84 %	91 %
	INFN-MILANO	88 %	88 %	96 %	91 %	99 %
	INFN-NAPOLI-ATLAS	85 %	75 %	90 %	91 %	93 %
	INFN-PISA	88 %	88 %	88 %	72 %	81 %
	INFN-ROMA1	87 %	87 %	93 %	79 %	91 %
	INFN-ROMA1-CMS	59 %	59 %	31 %	64 %	93 %
	INFN-TORINO	34 %	18 %	88 %	78 %	87 %
<b>IT-LHCb-federation ( Italy, INFN LHCb Federation )</b>						
	INFN-BARI	92 %	92 %	85 %	81 %	90 %
	INFN-CATANIA	58 %	58 %	75 %	96 %	93 %
	INFN-FRASCATI	86 %	87 %	71 %	97 %	96 %
	INFN-LNL-2	80 %	74 %	99 %	84 %	91 %
	INFN-MILANO	88 %	88 %	96 %	91 %	99 %
	INFN-NAPOLI-ATLAS	85 %	75 %	90 %	91 %	93 %
	INFN-PISA	88 %	88 %	88 %	72 %	81 %
	INFN-ROMA1	87 %	87 %	93 %	79 %	91 %

Federation	Site	Reliability	Availability	Reliability History		
				Mar-08	Apr-08	May-08
	INFN-ROMA1-CMS	59 %	59 %	31 %	64 %	93 %
	INFN-TORINO	34 %	18 %	88 %	78 %	87 %
<b>JP-Tokyo-ATLAS-T2 ( Japan, ICEPP, Tokyo )</b>						
	TOKYO-LCG2	100 %	100 %	97 %	96 %	98 %
<b>KR-KISTI-T2 ( Republic of Korea, KISTI, Daejeon )</b>						
	KR-KISTI-GCRT-01	89 %	85 %	77 %	74 %	59 %
<b>NO-NORDGRID-T2 ( Norway, UNINETT SIGMA Tier-2 )</b>						
	UiB	N/A	N/A	N/A	N/A	N/A
<b>PK-CMS-T2 ( Pakistan, Pakistan Tier-2 Federation )</b>						
	NCP-LCG2	85 %	80 %	82 %	65 %	56 %
	PAKGRID-LCG2	76 %	76 %	64 %	72 %	69 %
<b>PL-TIER2-WLCG ( Poland, Polish Tier-2 Federation )</b>						
	CYFRONET-IA64	N/A	N/A	97 %	93 %	95 %
	CYFRONET-LCG2	96 %	96 %	98 %	95 %	93 %
	PSNC	70 %	69 %	83 %	89 %	88 %
	WARSAW-EGEE	82 %	81 %	99 %	89 %	94 %
<b>PT-LIP-LCG-Tier2 ( Portugal, LIP Tier-2 Federation )</b>						
	LIP-Coimbra	96 %	82 %	60 %	92 %	97 %
	LIP-Lisbon	69 %	69 %	87 %	64 %	71 %
<b>RO-LCG ( Romania, Romanian Tier-2 Federation )</b>						
	NIHAM	89 %	85 %	88 %	95 %	85 %
	RO-02-NIPNE	34 %	17 %	91 %	89 %	78 %
	RO-07-NIPNE	83 %	78 %	84 %	91 %	86 %
	RO-11-NIPNE	84 %	85 %	76 %	74 %	93 %
<b>RU-RDIG ( Russian Fed., Russian Data-Intensive GRID )</b>						
	ITEP	98 %	98 %	100 %	95 %	81 %
	JINR-LCG2	96 %	95 %	89 %	90 %	95 %
	RRC-KI	29 %	20 %	50 %	60 %	73 %
	RU-Phys-SPbSU	98 %	98 %	82 %	73 %	78 %
	RU-Protvino-IHEP	96 %	83 %	97 %	97 %	92 %
	RU-SPbSU	95 %	95 %	74 %	79 %	80 %
	Ru-Troitsk-INR-LCG2	89 %	88 %	60 %	76 %	85 %
	ru-Moscow-FIAN-LCG2	96 %	96 %	90 %	80 %	44 %
	ru-Moscow-MEPHI-LCG2	88 %	88 %	93 %	70 %	92 %
	ru-Moscow-SINP-LCG2	100 %	100 %	99 %	98 %	97 %
	ru-PNPI	98 %	98 %	92 %	82 %	90 %
<b>SI-SiGNET ( Slovenia, SiGNET )</b>						
	SiGNET	96 %	94 %	93 %	92 %	96 %
<b>T2_US_Caltech ( USA, Caltech CMS T2 )</b>						
	cit_cms_t2	N/A	N/A	N/A	N/A	N/A

Federation	Site	Reliability	Availability	Reliability History		
				Mar-08	Apr-08	May-08
<b>T2_US_Florida ( USA, Florida CMS T2 )</b>						
	uflorida-hpc	N/A	N/A	N/A	N/A	N/A
	uflorida-ihepa	N/A	N/A	N/A	N/A	N/A
	uflorida-pg	N/A	N/A	N/A	N/A	N/A
<b>T2_US_MIT ( USA, MIT CMS T2 )</b>						
	mit_cms	N/A	N/A	N/A	N/A	N/A
<b>T2_US_Nebraska ( USA, Nebraska CMS T2 )</b>						
	nebraska	N/A	N/A	N/A	N/A	N/A
<b>T2_US_Purdue ( USA, Purdue CMS T2 )</b>						
	purdue-lear	N/A	N/A	N/A	N/A	N/A
	purdue-rcac	N/A	N/A	N/A	N/A	N/A
	purdue-steele	N/A	N/A	N/A	N/A	N/A
<b>T2_US_UCSD ( USA, UC San Diego CMS T2 )</b>						
	ucsdt2	N/A	N/A	N/A	N/A	N/A
<b>T2_US_Wisconsin ( USA, U. Wisconsin CMS T2 )</b>						
	GLOW	N/A	N/A	N/A	N/A	N/A
<b>TR-Tier2-federation ( Turkey, Turkish Tier-2 Federation )</b>						
	TR-03-METU	88 %	89 %	95 %	51 %	77 %
	TR-10-ULAKBIM	98 %	98 %	85 %	80 %	88 %
<b>TW-FTT-T2 ( Taipei, Taiwan Analysis Facility Federation )</b>						
	TW-FTT	93 %	93 %	86 %	87 %	98 %
<b>UK-London-Tier2 ( UK, London Tier 2 )</b>						
	UKI-LT2-Brunel	99 %	99 %	66 %	74 %	98 %
	UKI-LT2-IC-HEP	82 %	77 %	97 %	95 %	99 %
	UKI-LT2-IC-LeSC	82 %	77 %	99 %	97 %	99 %
	UKI-LT2-QMUL	95 %	81 %	N/A	N/A	88 %
	UKI-LT2-RHUL	99 %	98 %	89 %	89 %	97 %
	UKI-LT2-UCL-CENTRAL	N/A	N/A	74 %	N/A	N/A
	UKI-LT2-UCL-HEP	96 %	84 %	85 %	86 %	82 %
<b>UK-NorthGrid ( UK, NorthGrid )</b>						
	UKI-NORTHGRID-LANCS-HEP	98 %	98 %	76 %	94 %	88 %
	UKI-NORTHGRID-LIV-HEP	100 %	100 %	83 %	93 %	97 %
	UKI-NORTHGRID-MAN-HEP	79 %	79 %	99 %	92 %	88 %
	UKI-NORTHGRID-SHEF-HEP	98 %	97 %	98 %	91 %	98 %
<b>UK-ScotGrid ( UK, ScotGrid )</b>						
	ScotGRID-Edinburgh	100 %	100 %	91 %	66 %	100 %
	UKI-SCOTGRID-DURHAM	96 %	68 %	93 %	87 %	88 %
	UKI-SCOTGRID-ECDF	98 %	59 %	86 %	88 %	87 %
	UKI-SCOTGRID-GLASGOW	98 %	98 %	87 %	95 %	95 %
<b>UK-SouthGrid ( UK, SouthGrid )</b>						

Federation	Site	Reliability	Availability	Reliability History		
				Mar-08	Apr-08	May-08
	EFDA-JET	40 %	31 %	88 %	88 %	89 %
	UKI-SOUTHGRID-BHAM-HEP	99 %	99 %	91 %	92 %	94 %
	UKI-SOUTHGRID-BRIS-HEP	98 %	98 %	99 %	95 %	93 %
	UKI-SOUTHGRID-CAM-HEP	98 %	95 %	97 %	76 %	71 %
	UKI-SOUTHGRID-OX-HEP	99 %	99 %	99 %	76 %	87 %
	UKI-SOUTHGRID-RALPP	93 %	93 %	94 %	89 %	94 %
<b>US-AGLT2 ( USA, Great Lakes ATLAS T2 )</b>						
	AGLT2	N/A	N/A	N/A	N/A	N/A
<b>US-MWT2 ( USA, Midwest ATLAS T2 )</b>						
	MWT2_IU	N/A	N/A	N/A	N/A	N/A
	MWT2_UC	N/A	N/A	N/A	N/A	N/A
<b>US-NET2 ( USA, Northeast ATLAS T2 )</b>						
	BU_ATLAS_Tier2	N/A	N/A	N/A	N/A	N/A
<b>US-SWT2 ( USA, Southwest ATLAS T2 )</b>						
	OU_OCHEP_SWT2	N/A	N/A	N/A	N/A	N/A
<b>US-WT2 ( USA, SLAC ATLAS T2 )</b>						
	PROD_SLAC	N/A	N/A	N/A	N/A	N/A