



Enabling Grids for E-science

Monitoring and enforcement of Service Level Agreements

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www.eu-egee.org



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- **Current status:**
 - V1.5 at <https://edms.cern.ch/document/860386/>
 - conservative targets, non-legally binding, called an SLD
 - metrics table can be modified, free to add addendums
 - partnership between ROCs and Resource Centres
- **Availability/Reliability statistics are being gathered and circulated**



EGEE Availability and Reliability Report

Region Summary - Sorted by Availability

April 2008

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

Availability = % of successful tests

Reliability = Availability / Scheduled Availability

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

Colour coding :



Region	Avail- ability	Reli- ability
France	86 %	86 %
NorthernEurope	83 %	85 %
UKI	81 %	89 %
SouthEasternEurope	76 %	77 %
GermanySwitzerland	74 %	75 %
CERN	73 %	74 %
CentralEurope	73 %	87 %
AsiaPacific	72 %	73 %
SouthWesternEurope	71 %	76 %
Russia	69 %	74 %
Italy	67 %	77 %

<http://gvdev.cern.ch/GVPC/Excel/SiteMonthlyAvailability.php?Month=05&Year=2008&Production=yes&Certified=yes&Region=All&Columns=1>

Site Availability/Reliability of Region-'All' Sites [May, 2008] new Algorithm				
	Site	Region	Availability	Reliability
1	NIKHEF-ELPROD	NorthernEurope	1.00	1.00
2	LSG-WUR	NorthernEurope	1.00	1.00
3	BG04-ACAD	SouthEasternEurope	1.00	1.00
4	WCSS64	CentralEurope	1.00	1.00
5	IN2P3-CC-T2	France	1.00	1.00
6	ALBERTA-LCG2	CERN	1.00	1.00
7	INFN-ROMA1-VIRGO	Italy	1.00	1.00
8	TW-NCI-IHEP	AsiaPacific	1.00	1.00
9	INFN-FRASCATI	Italy	1.00	1.00
10	BG-IRNE	SouthEasternEurope	1.00	1.00
11	JP-KEK-CRC-01	AsiaPacific	1.00	1.00
12	GR-06-IASA	SouthEasternEurope	1.00	1.00
13	IN2P3-LAPP	France	1.00	1.00
14	AEGIS01-PHY-SCL	SouthEasternEurope	1.00	1.00
15	UKI-SOUTHGRID-BRIS-HEP	UKI	1.00	1.00
16	UKI-LT2-IC-LeSC	UKI	1.00	1.00
17	RU-Protvino-IHEP	Russia	1.00	1.00
18	CY-01-KIMON	SouthEasternEurope	1.00	1.00
19	GUP-JKU	CentralEurope	1.00	1.00
20	VU-MIF-LCG2	NorthernEurope	1.00	1.00
21	ITEP	Russia	1.00	1.00
22	CERN-PROD	CERN	1.00	1.00
23	CY-03-INTERCOLLEGE	SouthEasternEurope	1.00	1.00
24	IN2P3-CC	France	1.00	1.00
25	PEARL-AMU	CentralEurope	0.99	0.99

- **Need to start roll-out**
 - How?
 - Send two signed copies to sites, and get one back?
 - Fax, E-mail?
 - How to keep track of rollout?
- **Enforcement**
 - How to do monthly reviews?
 - ROCs & their sites
 - EGEE level
 - OAT ... need for an SLA portal?
 - E.g. for allowing sites to make annotations

