



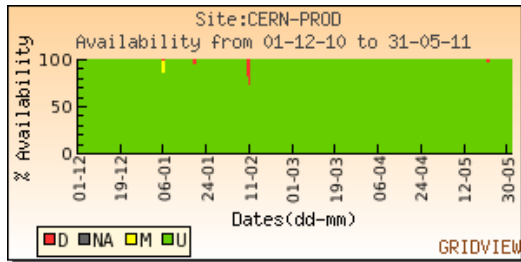
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2010 - May 2011)

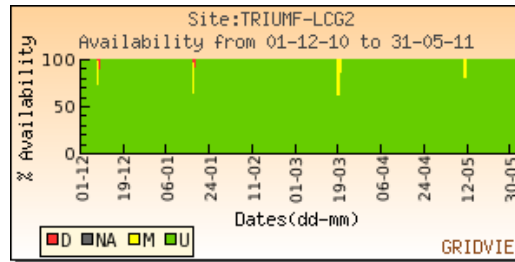
Availability is calculated as $\text{uptime} / (\text{total_time} - \text{time_status_was_UNKNOWN})$

Target reliability for each site is 97 % and Target for 8 best sites is 98 % from January, 2009

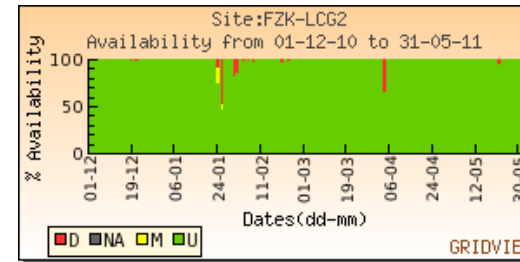
December 2010 - May 2011
Availability for last 6 Months



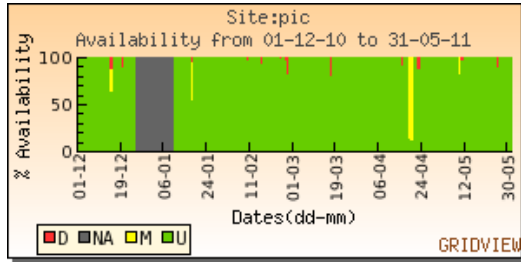
CH-CERN Avail: 100 % Unkn: 0 %



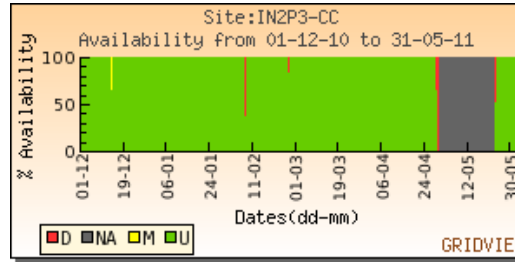
CA-TRIUMF Avail: 99 % Unkn: 1 %



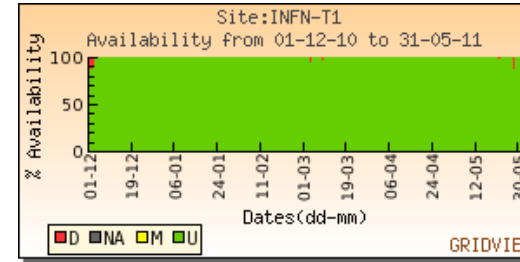
DE-KIT Avail: 99 % Unkn: 0 %



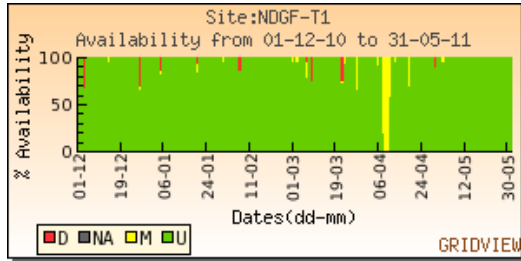
ES-PIC Avail: 98 % Unkn: 12 %



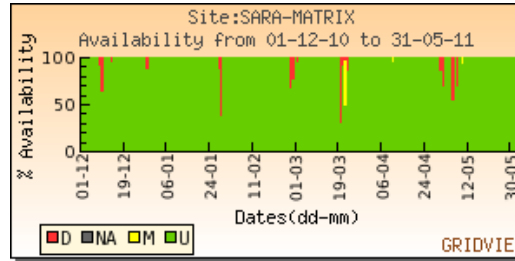
FR-CCIN2P3 Avail: 98 % Unkn: 14 %



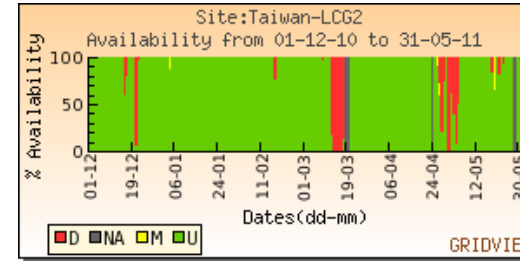
IT-INFN-CNAF Avail: 100 % Unkn: 0 %



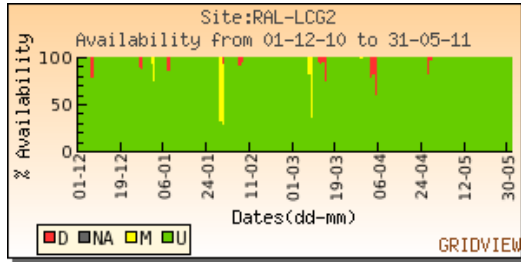
NDGF Avail: 97 % Unkn: 1 %



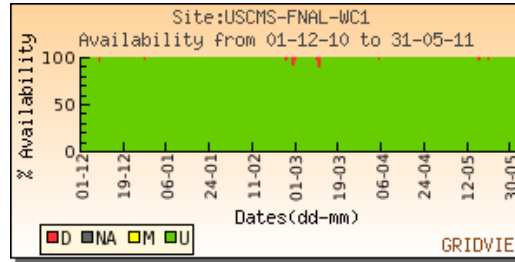
NL-T1 Avail: 98 % Unkn: 2 %



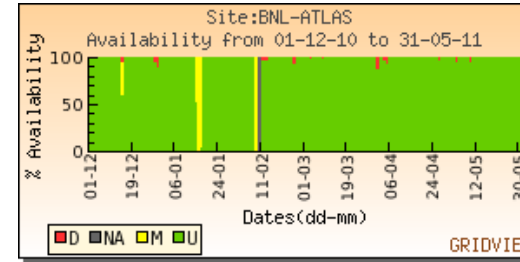
TW-ASGC Avail: 93 % Unkn: 5 %



UK-T1-RAL Avail: 98 % Unkn: 0 %



US-FNAL-CMS Avail: 100 % Unkn: 0 %



US-T1-BNL Avail: 98 % Unkn: 2 %



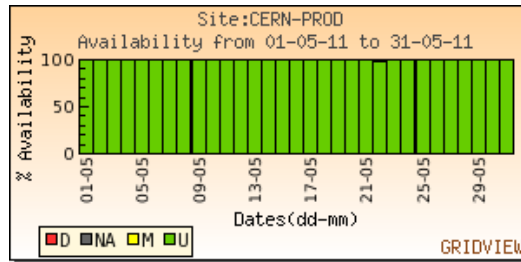
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

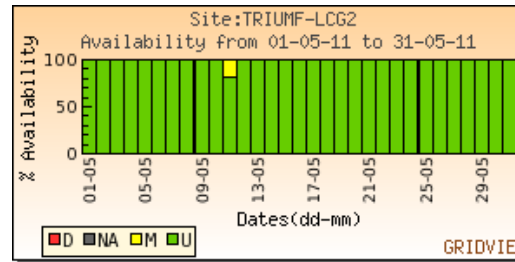
May 2011

Availability is calculated as uptime / (total_time - time_status_was_UNKNOWNN)

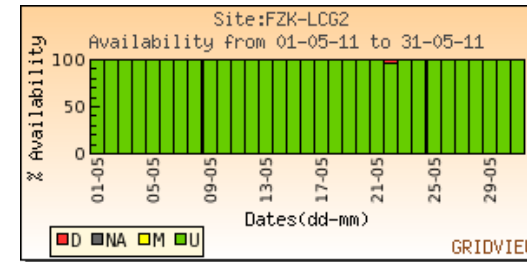
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



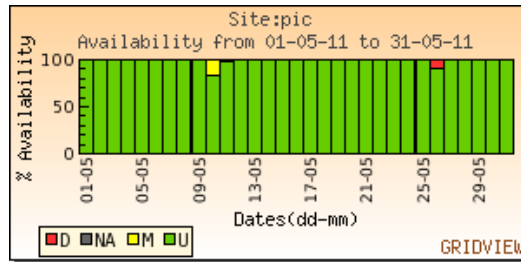
CH-CERN Avail: 100 % Unkn: 1 %



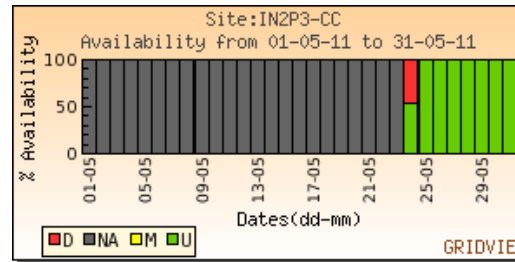
CA-TRIUMF Avail: 99 % Unkn: 2 %



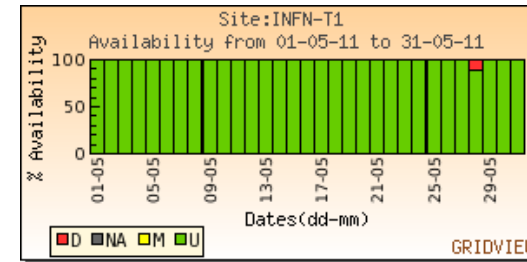
DE-KIT Avail: 100 % Unkn: 0 %



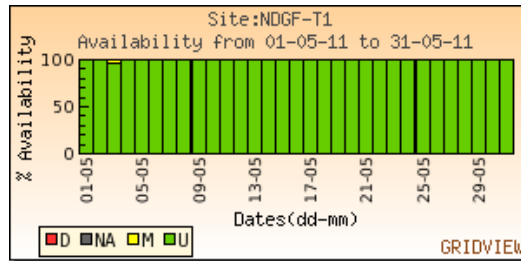
ES-PIC Avail: 99 % Unkn: 1 %



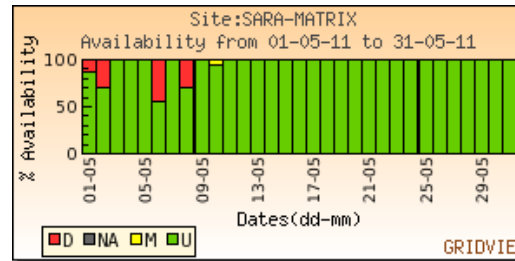
FR-CCIN2P3 Avail: 96 % Unkn: 75 %



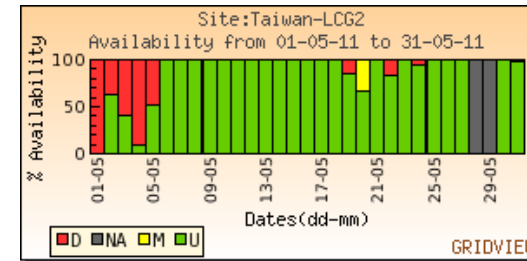
IT-INFN-CNAF Avail: 100 % Unkn: 0 %



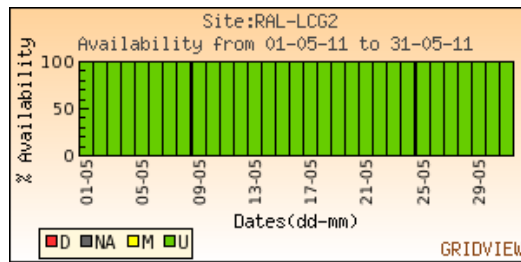
NDGF Avail: 100 % Unkn: 1 %



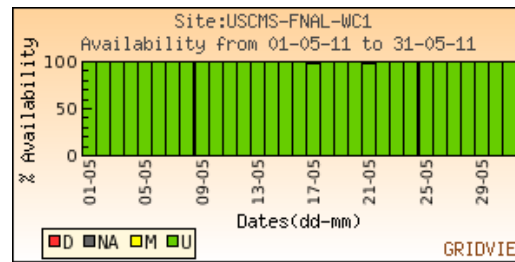
NL-T1 Avail: 96 % Unkn: 1 %



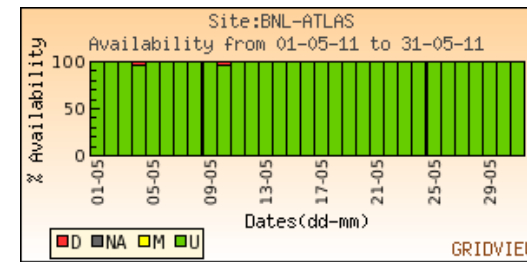
TW-ASGC Avail: 85 % Unkn: 14 %



UK-T1-RAL Avail: 100 % Unkn: 0 %



US-FNAL-CMS Avail: 100 % Unkn: 1 %



US-T1-BNL Avail: 100 % Unkn: 1 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

May 2011

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) Availability = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits : >=

97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CA-TRIUMF		CH-CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NDGF		NL-T1 SARA		TW-ASGC		UK-T1-RAL		US-FNAL-CMS		US-T1-BNL		Average			
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn		
01/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	86	0	0	0	100	0	100	0	100	0	100	0	90	8
02/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	70	0	63	0	100	0	100	0	100	0	100	0	94	8
03/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	96	0	100	0	41	0	100	0	100	0	100	0	100	0	94	8
04/05/2011	100	0	100	13	100	0	100	0	N/A	100	100	0	100	0	100	0	9	0	100	0	100	6	100	0	95	0	91	10
05/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	51	0	100	0	100	1	100	0	100	0	96	8
06/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	56	15	100	0	100	0	100	0	100	0	100	0	97	10
07/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	18	100	0	100	0	100	0	100	0	100	10
08/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	71	0	100	0	100	0	100	0	100	0	100	0	97	8
09/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
10/05/2011	100	0	100	0	100	0	83	0	N/A	100	100	0	100	0	94	0	100	0	100	0	100	3	100	0	96	0	98	9
11/05/2011	81	12	100	0	100	0	98	0	N/A	100	100	0	100	0	100	0	100	4	100	0	100	0	100	0	100	0	98	10
12/05/2011	100	9	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	9
13/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	36	100	0	100	0	100	0	100	0	100	11
14/05/2011	100	14	100	6	100	4	100	13	N/A	100	100	3	100	12	100	6	100	29	100	3	100	3	100	15	100	15	100	17
15/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	78	100	0	100	0	100	0	100	0	100	15
16/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
17/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	99	0	100	0	100	0	100	8
18/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
19/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	86	0	100	0	100	0	100	0	100	0	99	8
20/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	67	0	100	0	100	0	100	0	100	0	97	8
21/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	98	0	100	0	100	0	100	8
22/05/2011	100	15	97	1	96	0	100	3	N/A	100	100	3	100	12	100	9	83	2	100	3	100	1	100	15	98	14		
23/05/2011	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
24/05/2011	100	0	100	0	100	0	100	0	54	38	100	0	100	0	100	0	95	5	100	0	100	3	100	0	97	4		
25/05/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	10	100	0	100	2	100	0	100	1		
26/05/2011	100	0	100	0	100	0	91	0	100	0	100	0	100	0	100	0	100	15	100	0	100	0	100	0	100	0	99	1
27/05/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	14	100	0	100	0	100	0	100	0	100	1
28/05/2011	100	0	100	0	100	0	100	0	100	0	88	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	99	8
29/05/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	8
30/05/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	10	100	0	100	0	100	0	100	0	100	1
31/05/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	98	3	100	0	100	0	100	0	100	0	100	0
Average	99	2	100	1	100	0	99	1	96	75	100	0	100	1	96	1	85	14	100	0	100	1	100	1	98	8		

Average Availability for all sites: 98 %

Average Availability for 8 best sites : 100 %



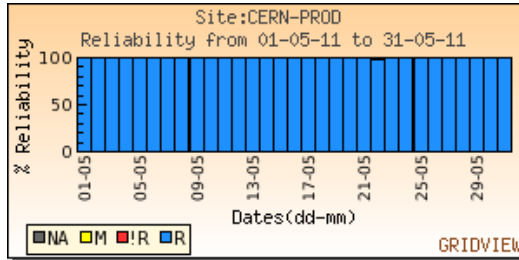
Reliability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

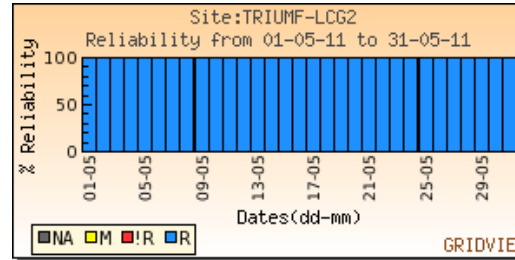
May 2011

Reliability is calculated as uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN)

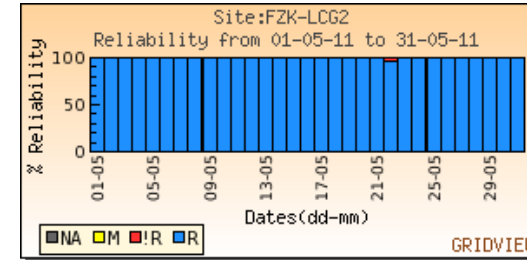
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



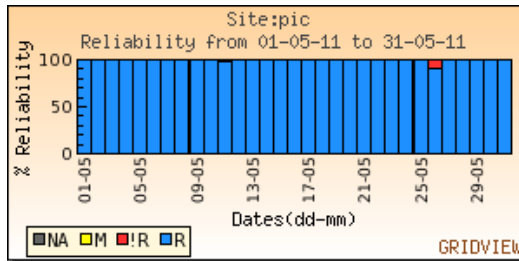
CH-CERN Rel: 100 %



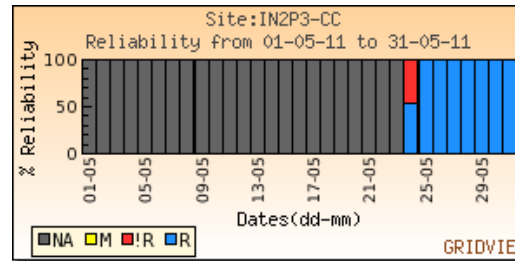
CA-TRIUMF Rel: 100 %



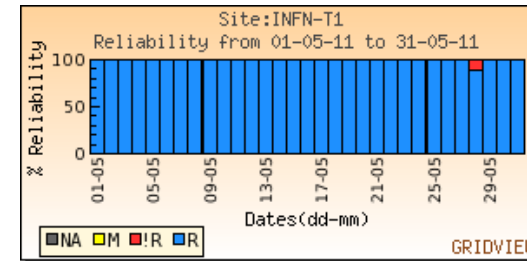
DE-KIT Rel: 100 %



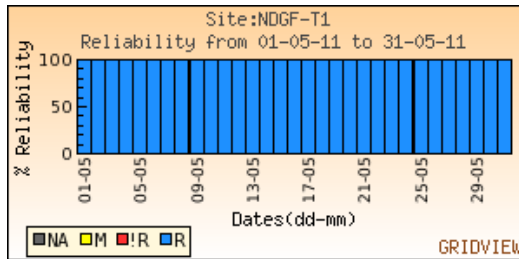
ES-PIC Rel: 100 %



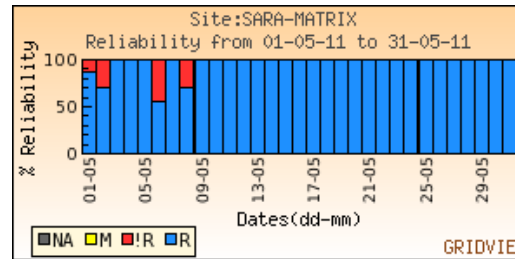
FR-CCIN2P3 Rel: 96 %



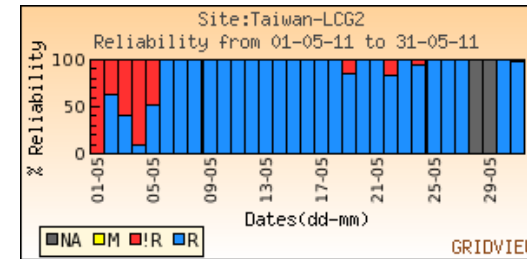
IT-INFN-CNAF Rel: 100 %



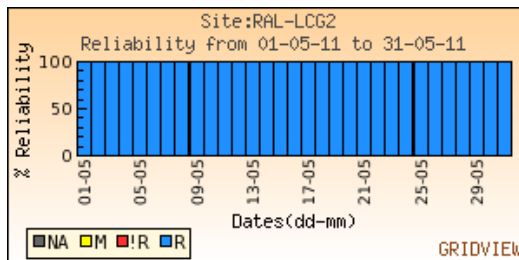
NDGF Rel: 100 %



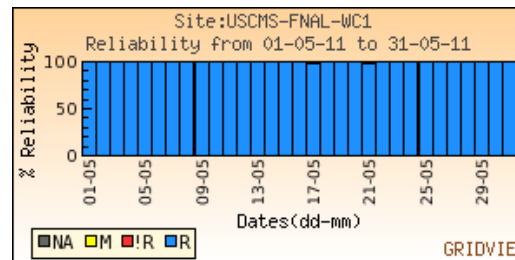
NL-T1 Rel: 96 %



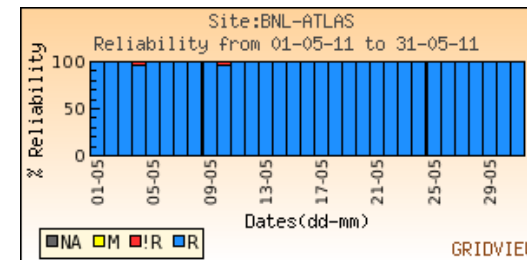
TW-ASGC Rel: 86 %



UK-T1-RAL Rel: 100 %



US-FNAL-CMS Rel: 100 %



US-T1-BNL Rel: 100 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : **>= TARGET:** 97 %

90% OF TARGET: 87 %

Date	CA-TRIUMF	CH-CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NDGF	NL-T1 SARA	TW-ASGC	UK-T1-RAL	US-FNAL-CMS	US-T1-BNL	Average Reliability
01/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	86 %	0 %	100 %	100 %	100 %	90 %
02/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	70 %	63 %	100 %	100 %	100 %	94 %
03/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	41 %	100 %	100 %	100 %	95 %
04/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	9 %	100 %	100 %	95 %	91 %
05/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	51 %	100 %	100 %	100 %	96 %
06/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	56 %	100 %	100 %	100 %	100 %	97 %
07/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
08/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	71 %	100 %	100 %	100 %	100 %	97 %
09/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
10/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	96 %	100 %
11/05/2011	100 %	100 %	100 %	98 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
12/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
13/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
14/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
15/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
16/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
17/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	99 %	100 %	100 %
18/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
19/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	86 %	100 %	100 %	100 %	99 %
20/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
21/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	98 %	100 %	100 %
22/05/2011	100 %	97 %	96 %	100 %	N/A	100 %	100 %	100 %	83 %	100 %	100 %	100 %	98 %
23/05/2011	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
24/05/2011	100 %	100 %	100 %	100 %	54 %	100 %	100 %	100 %	95 %	100 %	100 %	100 %	97 %
25/05/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/05/2011	100 %	100 %	100 %	91 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
27/05/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/05/2011	100 %	100 %	100 %	100 %	100 %	88 %	100 %	100 %	N/A	100 %	100 %	100 %	99 %
29/05/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
30/05/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
31/05/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	98 %	100 %	100 %	100 %	100 %
Average	100 %	100 %	100 %	100 %	96 %	100 %	100 %	96 %	86 %	100 %	100 %	100 %	98 %

Average Reliability for all sites: 98 %

Average Reliability for 8 best sites 100 %



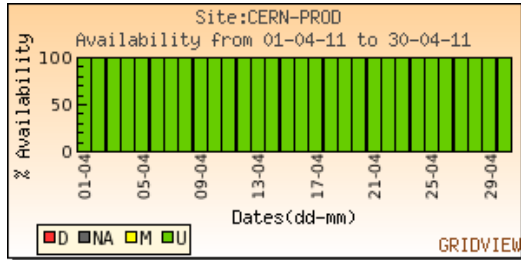
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

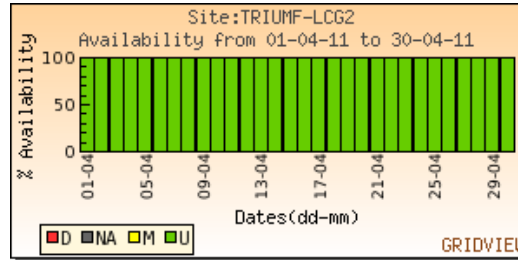
April 2011

Availability is calculated as uptime / (total_time - time_status_was_UNKNOWNN)

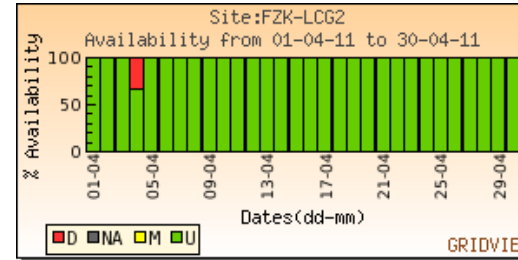
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



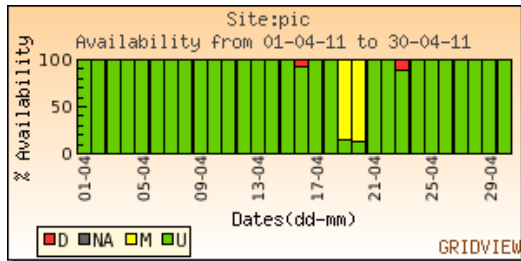
CH-CERN Avail: 100 % Unkn: 0 %



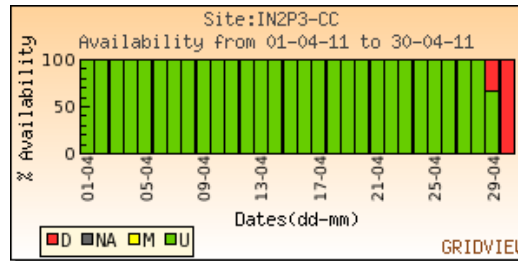
CA-TRIUMF Avail: 100 % Unkn: 0 %



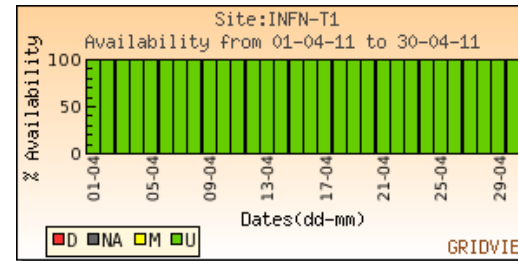
DE-KIT Avail: 99 % Unkn: 0 %



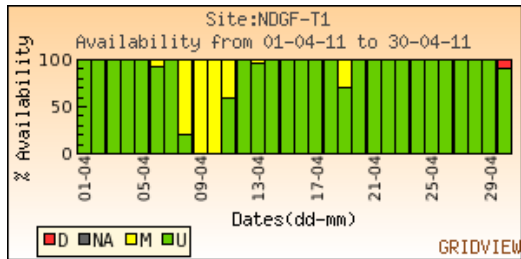
ES-PIC Avail: 93 % Unkn: 3 %



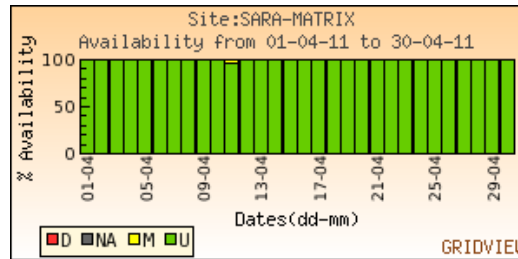
FR-CCIN2P3 Avail: 95 % Unkn: 4 %



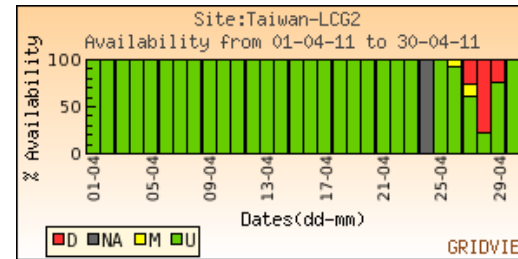
IT-INFN-CNAF Avail: 100 % Unkn: 0 %



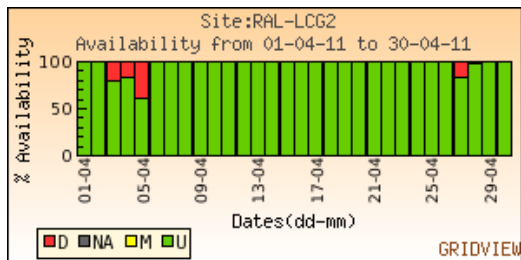
NDGF Avail: 88 % Unkn: 0 %



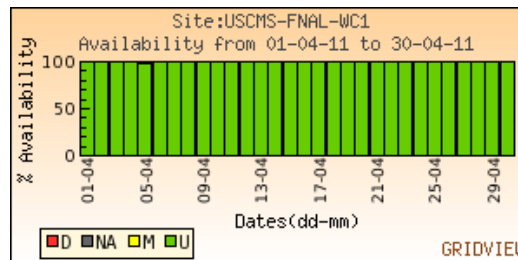
NL-T1 Avail: 100 % Unkn: 0 %



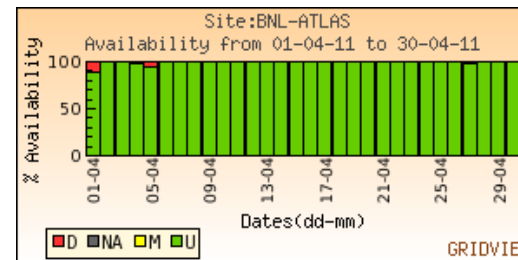
TW-ASGC Avail: 95 % Unkn: 7 %



UK-T1-RAL Avail: 97 % Unkn: 2 %



US-FNAL-CMS Avail: 100 % Unkn: 1 %



US-T1-BNL Avail: 99 % Unkn: 1 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

April 2011

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) Availability = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits : >=

97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CA-TRIUMF		CH-CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NDGF		NL-T1 SARA		TW-ASGC		UK-T1-RAL		US-FNAL-CMS		US-T1-BNL		Average			
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn		
01/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	89	2	99	0
02/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	4	100	0
03/04/2011	100	0	100	0	100	0	100	0	100	72	100	0	100	0	100	0	100	0	80	0	100	0	100	0	100	0	98	6
04/04/2011	100	0	100	0	67	0	100	0	100	38	100	0	100	0	100	0	100	0	83	5	100	0	100	0	99	0	96	4
05/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	61	7	98	0	100	0	95	12	96	2
06/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	92	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
07/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
08/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	21	0	100	0	100	0	100	0	100	0	100	0	100	0	93	0
09/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	100	17	100	0	92	1
10/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	92	0
11/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	58	0	96	0	100	0	100	0	100	0	100	0	100	0	96	0
12/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
13/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	96	0	100	0	100	0	100	0	100	0	100	0	100	0
14/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
15/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
16/04/2011	100	0	100	0	100	0	92	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
17/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
18/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	4	100	0
19/04/2011	100	0	100	0	100	0	15	0	100	0	100	0	71	0	100	0	100	0	100	0	100	0	100	0	100	0	90	0
20/04/2011	100	0	100	0	100	0	12	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	17	93	1
21/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
22/04/2011	100	0	100	0	100	0	100	15	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	1
23/04/2011	100	0	100	0	100	0	88	17	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	9
24/04/2011	100	0	100	0	100	0	100	11	100	0	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	9
25/04/2011	100	0	100	0	100	0	100	37	100	0	100	0	100	0	100	0	100	0	100	23	100	7	100	0	100	0	100	6
26/04/2011	100	0	100	0	100	0	100	17	100	0	100	0	100	0	100	0	92	0	100	18	100	0	100	0	100	0	99	3
27/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	61	0	84	2	100	0	97	0	100	0	95	0
28/04/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	23	0	98	13	100	0	100	0	100	0	93	1
29/04/2011	100	0	100	0	100	0	100	0	66	0	100	0	100	0	100	0	77	0	100	0	100	0	100	0	100	0	95	0
30/04/2011	100	0	100	0	100	0	100	0	0	0	100	0	91	8	100	0	100	0	100	0	100	0	100	0	100	0	91	1
Average	100	0	100	0	99	0	93	3	95	4	100	0	88	0	100	0	95	7	97	2	100	1	99	1	97	1		

Average Availability for all sites: 97 %

Average Availability for 8 best sites : 99 %



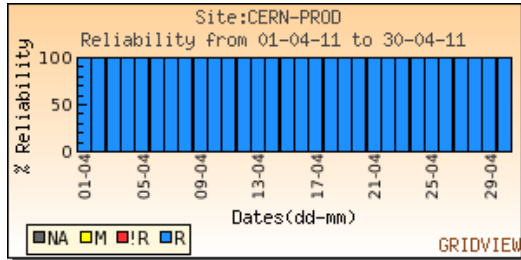
Reliability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

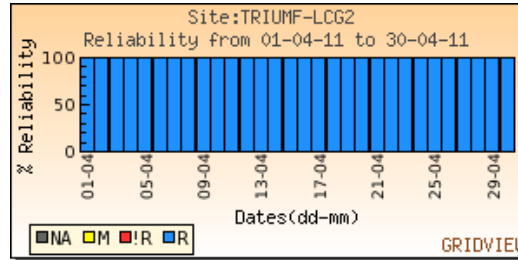
April 2011

Reliability is calculated as uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN)

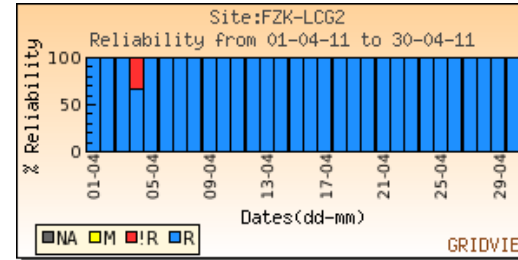
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



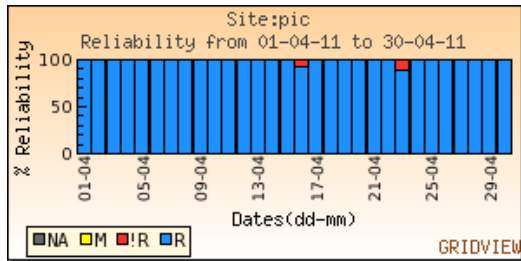
CH-CERN Rel: 100 %



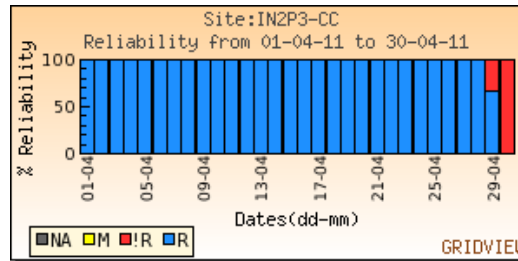
CA-TRIUMF Rel: 100 %



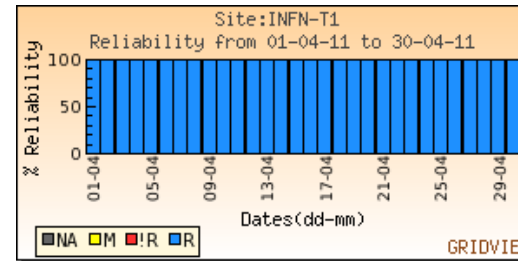
DE-KIT Rel: 99 %



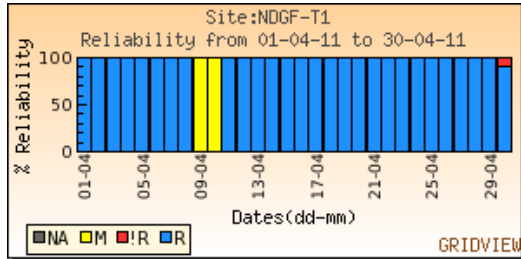
ES-PIC Rel: 99 %



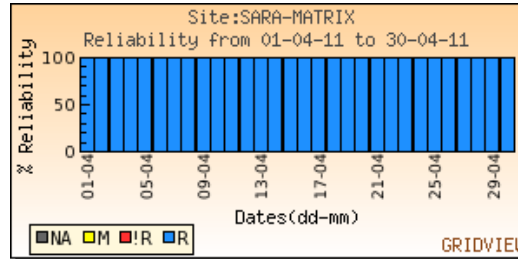
FR-CCIN2P3 Rel: 95 %



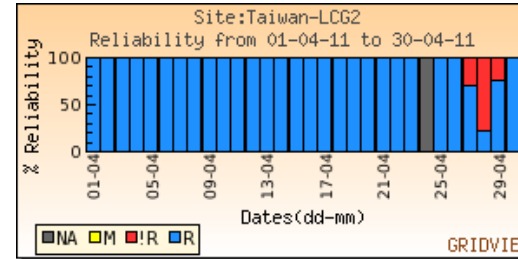
IT-INFN-CNAF Rel: 100 %



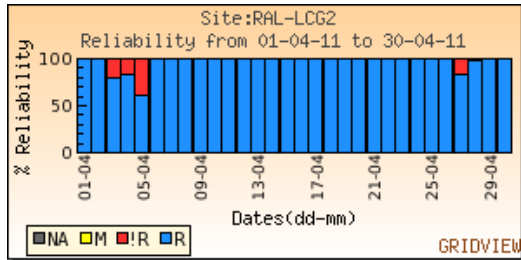
NDGF Rel: 100 %



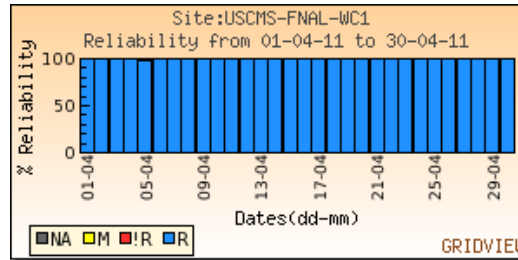
NL-T1 Rel: 100 %



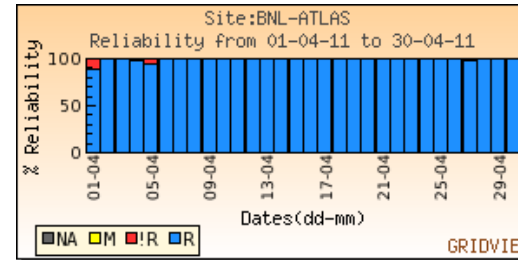
TW-ASGC Rel: 95 %



UK-T1-RAL Rel: 97 %



US-FNAL-CMS Rel: 100 %



US-T1-BNL Rel: 99 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011 to April 2011)

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : >= TARGET: 97 %

90% OF TARGET: 87 %

Date	CA-TRIUMF	CH-CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NDGF	NL-T1 SARA	TW-ASGC	UK-T1-RAL	US-FNAL-CMS	US-T1-BNL	Average Reliability
01/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	89 %	99 %
02/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
03/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	80 %	100 %	100 %	98 %
04/04/2011	100 %	100 %	67 %	100 %	100 %	100 %	100 %	100 %	100 %	83 %	100 %	99 %	96 %
05/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	61 %	98 %	95 %	96 %
06/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
08/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
09/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %
10/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %
11/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
12/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
13/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
14/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
15/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
16/04/2011	100 %	100 %	100 %	92 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
17/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
18/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
19/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
20/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
21/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
22/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
23/04/2011	100 %	100 %	100 %	88 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
24/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
25/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
27/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	69 %	84 %	100 %	97 %	96 %
28/04/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	23 %	98 %	100 %	100 %	93 %
29/04/2011	100 %	100 %	100 %	100 %	66 %	100 %	100 %	100 %	77 %	100 %	100 %	100 %	95 %
30/04/2011	100 %	100 %	100 %	100 %	0 %	100 %	91 %	100 %	100 %	100 %	100 %	100 %	91 %
Average	100 %	100 %	99 %	99 %	95 %	100 %	100 %	100 %	95 %	97 %	100 %	99 %	99 %

Average Reliability for all sites: 99 %

Average Reliability for 8 best sites 100 %



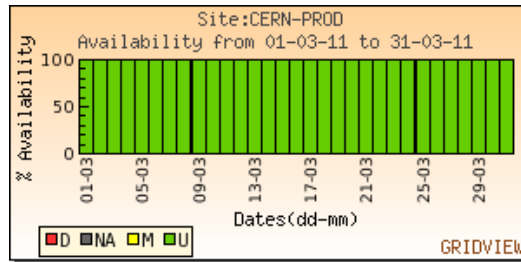
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

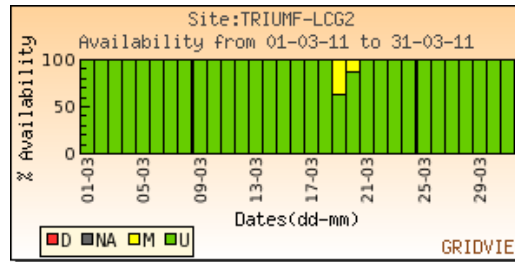
March 2011

Availability is calculated as uptime / (total_time - time_status_was_UNKNOWNN)

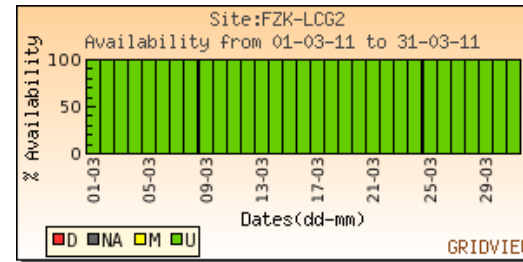
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



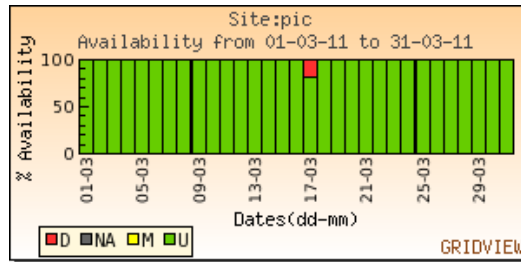
CH-CERN Avail: 100 % Unkn: 0 %



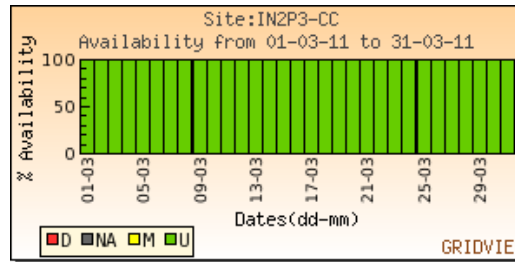
CA-TRIUMF Avail: 98 % Unkn: 1 %



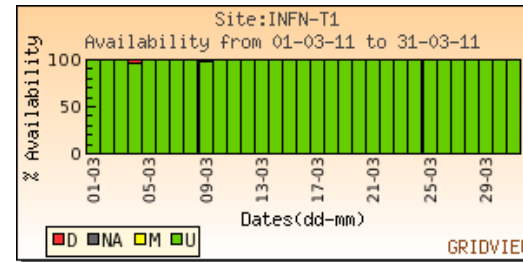
DE-KIT Avail: 100 % Unkn: 0 %



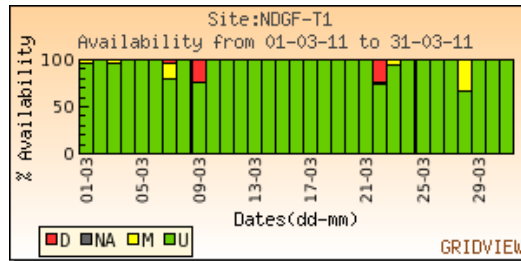
ES-PIC Avail: 100 % Unkn: 1 %



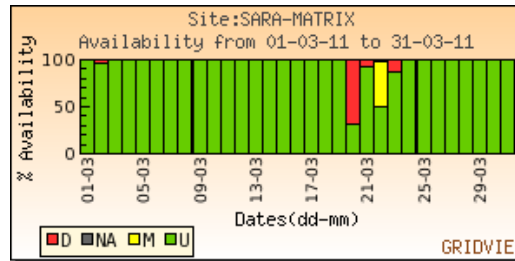
FR-CCIN2P3 Avail: 100 % Unkn: 0 %



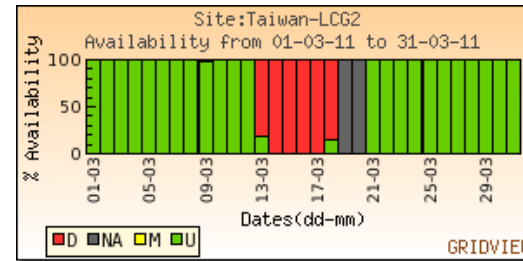
IT-INFN-CNAF Avail: 100 % Unkn: 0 %



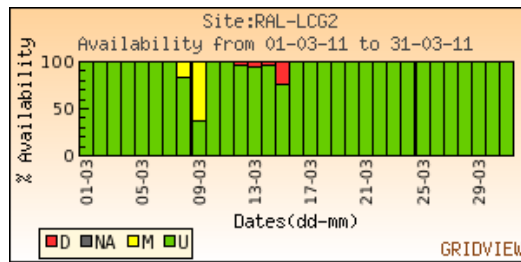
NDGF Avail: 96 % Unkn: 3 %



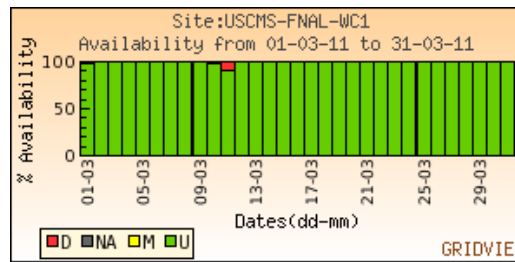
NL-T1 Avail: 95 % Unkn: 0 %



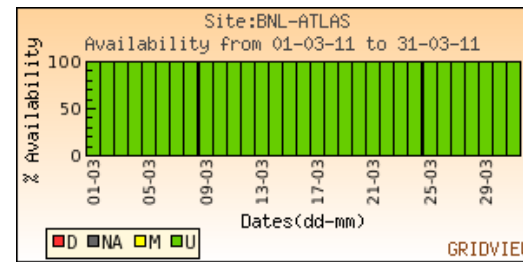
TW-ASGC Avail: 80 % Unkn: 11 %



UK-T1-RAL Avail: 96 % Unkn: 0 %



US-FNAL-CMS Avail: 100 % Unkn: 0 %



US-T1-BNL Avail: 100 % Unkn: 0 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

March 2011

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) Availability = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits : >=

97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CA-TRIUMF		CH-CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NDGF		NL-T1 SARA		TW-ASGC		UK-T1-RAL		US-FNAL-CMS		US-T1-BNL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	97	0	100	0	100	0	100	0	99	0	100	0	100	0
02/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	96	0	100	0	100	0	100	0	100	0	100	0
03/03/2011	100	17	100	0	100	0	100	0	100	0	100	0	96	0	100	0	100	0	100	0	100	0	100	0	100	1
04/03/2011	100	0	100	0	100	0	100	0	100	0	97	9	100	0	100	0	100	0	100	0	100	0	100	0	100	1
05/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
06/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
07/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	79	0	100	0	100	0	100	0	100	0	100	0	98	0
08/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	68	83	0	100	0	100	0	100	0	99	6
09/03/2011	100	0	100	0	100	0	100	0	100	0	99	6	76	38	100	0	97	19	38	0	100	0	99	0	93	5
10/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	58	100	0	100	0	100	0	99	0	100	0	100	5
11/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	90	0	100	0	99	0
12/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	96	0	100	0	100	0	100	0
13/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	19	0	94	0	100	0	100	0	93	0
14/03/2011	100	0	100	0	100	0	100	0	100	6	100	0	100	0	100	0	0	0	97	0	100	10	100	0	91	1
15/03/2011	100	0	100	0	100	0	100	0	100	8	100	0	100	0	100	0	0	0	76	0	100	0	100	0	90	1
16/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	0	0	100	0	100	0	100	0	92	0
17/03/2011	100	0	100	0	100	0	81	38	100	0	100	0	100	0	100	0	0	0	100	0	100	0	100	0	90	3
18/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	15	26	100	0	100	0	100	0	95	2
19/03/2011	62	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	97	8
20/03/2011	88	0	100	0	100	0	100	0	100	0	100	0	100	0	31	0	N/A	100	100	0	100	0	100	0	93	8
21/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	92	0	100	40	100	0	100	0	100	0	99	3
22/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	74	0	50	0	100	0	100	0	100	0	100	0	94	0
23/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	94	0	86	0	100	0	100	0	100	0	100	0	98	0
24/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
25/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
26/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
27/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
28/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	67	0	100	0	100	0	100	0	100	0	100	0	97	0
29/03/2011	100	25	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	2
30/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0	100	0	100	0	100	0
31/03/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
Average	98	1	100	0	100	0	100	1	100	0	100	0	96	3	95	0	80	11	96	0	100	0	100	0	97	2

Average Availability for all sites: 97 %

Average Availability for 8 best sites : 100 %



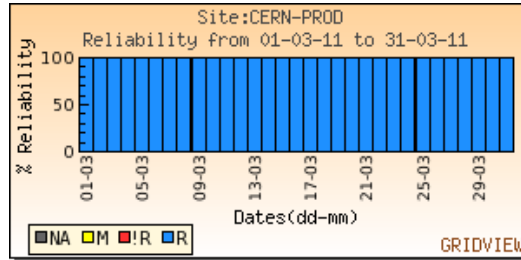
Reliability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

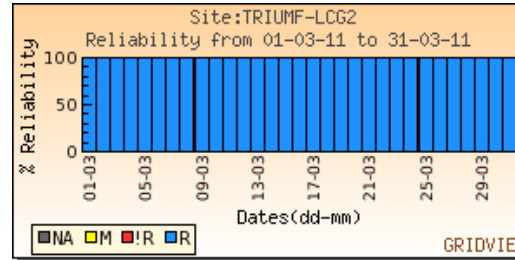
March 2011

Reliability is calculated as uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN)

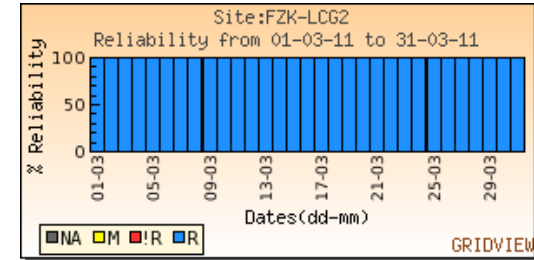
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



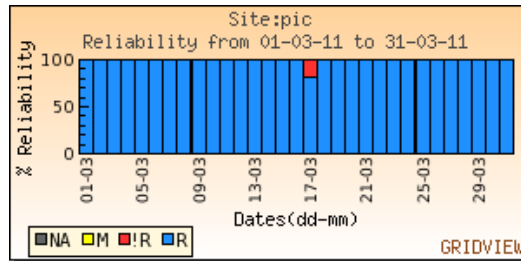
CH-CERN Rel: 100 %



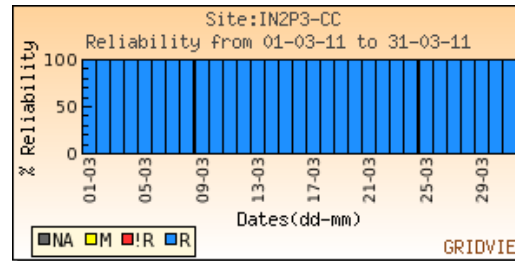
CA-TRIUMF Rel: 100 %



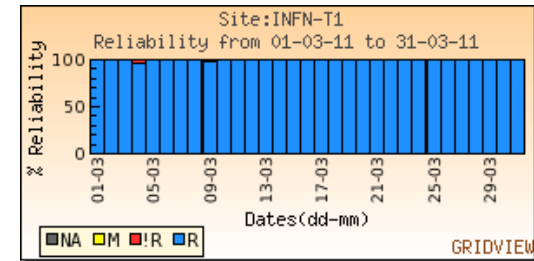
DE-KIT Rel: 100 %



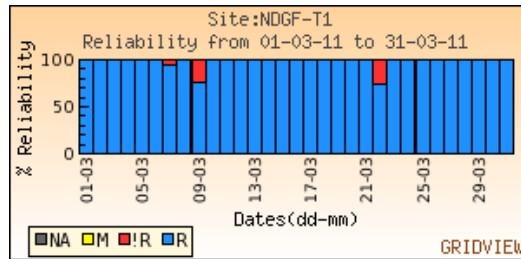
ES-PIC Rel: 100 %



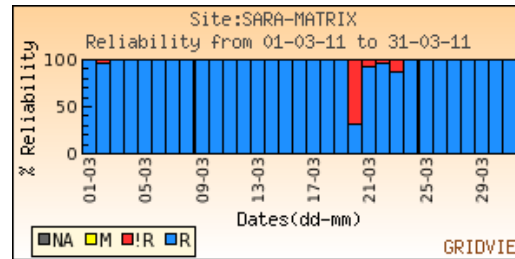
FR-CCIN2P3 Rel: 100 %



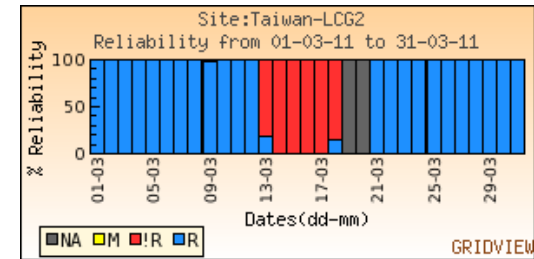
IT-INFN-CNAF Rel: 100 %



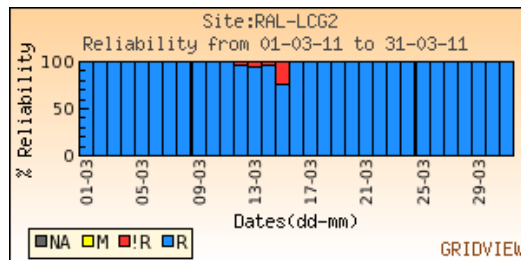
NDGF Rel: 98 %



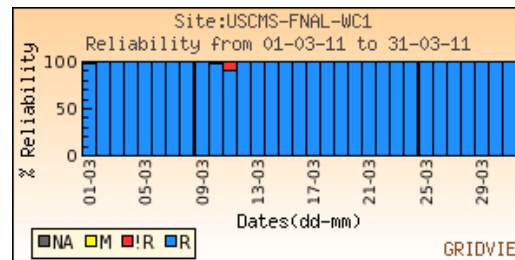
NL-T1 Rel: 97 %



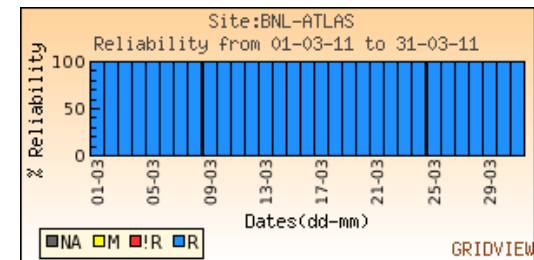
TW-ASGC Rel: 80 %



UK-T1-RAL Rel: 99 %



US-FNAL-CMS Rel: 100 %



US-T1-BNL Rel: 100 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011 to 11th 2011)

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits :

>= TARGET: 97 %

90% OF TARGET: 87 %

Date	CA-TRIUMF	CH-CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NDGF	NL-T1 SARA	TW-ASGC	UK-T1-RAL	US-FNAL-CMS	US-T1-BNL	Average Reliability
01/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %	100 %	100 %
02/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	96 %	100 %	100 %	100 %	100 %	100 %
03/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
04/03/2011	100 %	100 %	100 %	100 %	100 %	97 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
05/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
06/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	95 %	100 %	100 %	100 %	100 %	100 %	100 %
08/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
09/03/2011	100 %	100 %	100 %	100 %	100 %	99 %	76 %	100 %	97 %	100 %	100 %	99 %	98 %
10/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %	100 %	100 %
11/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	90 %	100 %	99 %
12/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	96 %	100 %	100 %	100 %
13/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	19 %	94 %	100 %	100 %	93 %
14/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	0 %	97 %	100 %	100 %	91 %
15/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	0 %	76 %	100 %	100 %	90 %
16/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	0 %	100 %	100 %	100 %	92 %
17/03/2011	100 %	100 %	100 %	81 %	100 %	100 %	100 %	100 %	0 %	100 %	100 %	100 %	90 %
18/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	15 %	100 %	100 %	100 %	95 %
19/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
20/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	31 %	N/A	100 %	100 %	100 %	94 %
21/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	92 %	100 %	100 %	100 %	100 %	99 %
22/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	75 %	95 %	100 %	100 %	100 %	100 %	98 %
23/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	86 %	100 %	100 %	100 %	100 %	99 %
24/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
27/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
29/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
30/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
31/03/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
Average	100 %	100 %	100 %	100 %	100 %	100 %	98 %	97 %	80 %	99 %	100 %	100 %	98 %

Average Reliability for all sites: 98 %

Average Reliability for 8 best sites 100 %



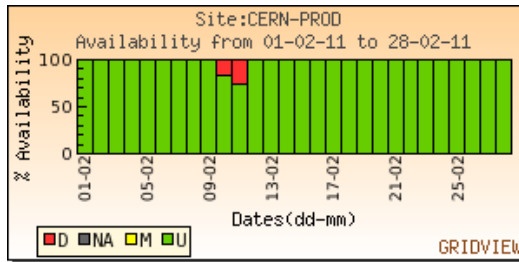
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

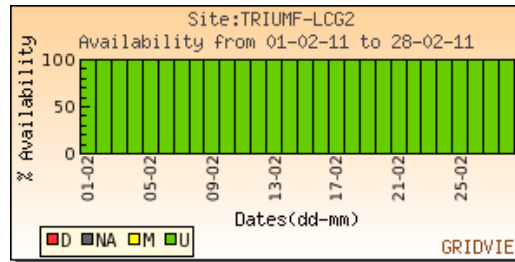
February 2011

Availability is calculated as uptime / (total_time - time_status_was_UNKOWNN)

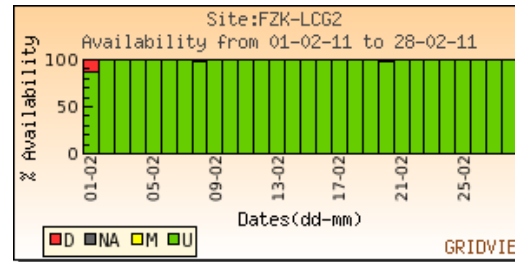
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



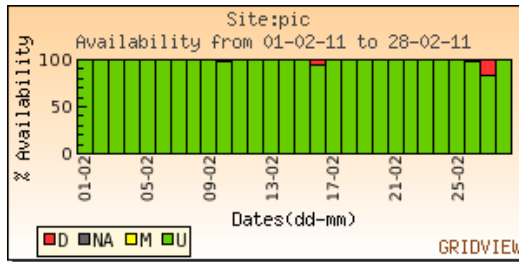
CH-CERN Avail: 99 % Unkn: 0 %



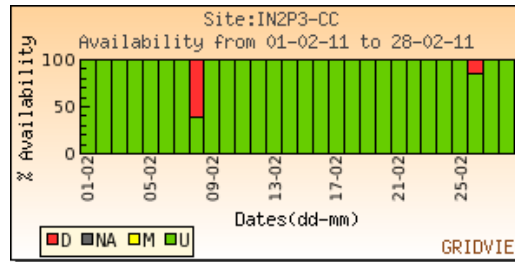
CA-TRIUMF Avail: 100 % Unkn: 2 %



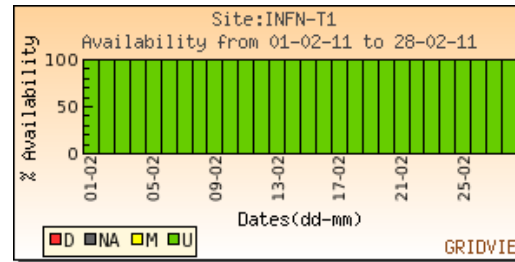
DE-KIT Avail: 99 % Unkn: 1 %



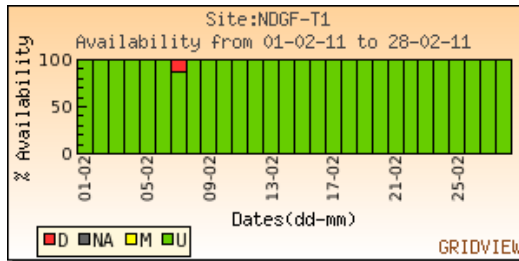
ES-PIC Avail: 99 % Unkn: 2 %



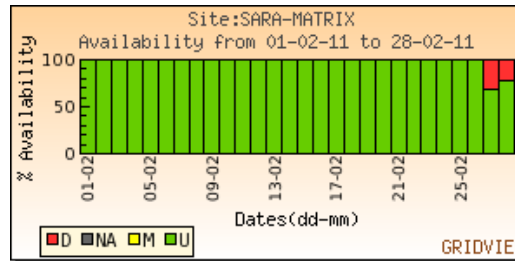
FR-CCIN2P3 Avail: 97 % Unkn: 0 %



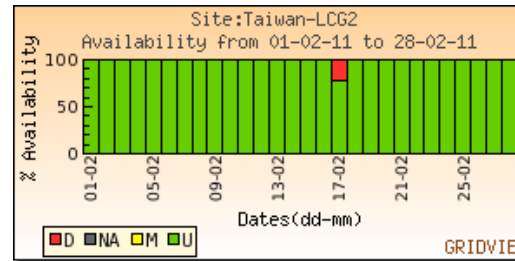
IT-INFN-CNAF Avail: 100 % Unkn: 0 %



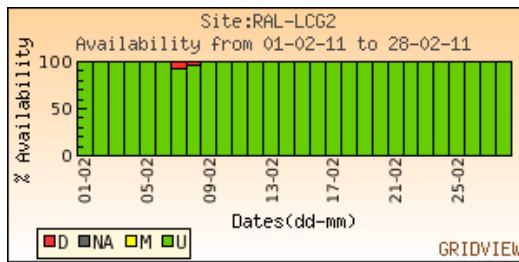
NDGF Avail: 100 % Unkn: 0 %



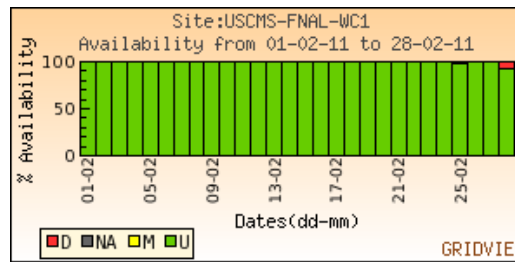
NL-T1 Avail: 98 % Unkn: 5 %



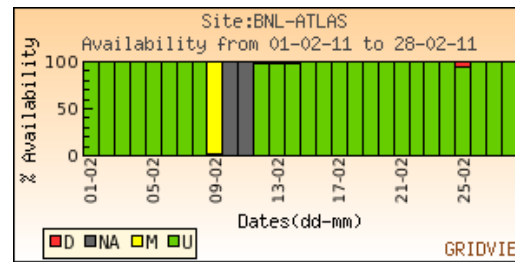
TW-ASGC Avail: 99 % Unkn: 0 %



UK-T1-RAL Avail: 100 % Unkn: 0 %



US-FNAL-CMS Avail: 100 % Unkn: 0 %



US-T1-BNL Avail: 99 % Unkn: 11 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011) **February 2011**

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits : >=

97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CA-TRIUMF		CH-CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NDGF		NL-T1 SARA		TW-ASGC		UK-T1-RAL		US-FNAL-CMS		US-T1-BNL		Average			
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn		
01/02/2011	100	0	100	0	86	0	100	15	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	1
02/02/2011	100	0	100	0	100	0	100	27	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	2
03/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
04/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
05/02/2011	100	66	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	5
06/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	61	100	0	100	0	100	0	100	0	100	0	100	5
07/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	88	0	100	43	100	0	92	0	100	0	100	1	100	0	98	4
08/02/2011	100	0	100	0	97	0	100	0	39	0	100	0	100	0	100	0	100	0	96	0	100	0	100	0	100	0	94	0
09/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	2	96	100	8
10/02/2011	100	0	83	0	100	0	98	0	100	0	100	0	100	0	100	0	100	0	100	0	100	1	N/A	100	98	8	98	8
11/02/2011	100	0	75	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	N/A	100	98	8
12/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	98	0	100	0
13/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0	100	0
14/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0	100	0
15/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
16/02/2011	100	0	100	0	100	0	94	5	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
17/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	9	77	0	100	0	100	0	100	0	100	0	98	1
18/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	1	100	0
19/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
20/02/2011	100	0	100	0	98	19	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	2
21/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	3	100	0
22/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
23/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
24/02/2011	100	0	100	0	100	0	99	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
25/02/2011	100	0	100	0	100	0	100	0	100	5	100	0	100	0	100	0	100	0	100	0	99	2	94	3	99	1	99	1
26/02/2011	100	0	100	0	100	0	98	0	86	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
27/02/2011	100	0	100	0	100	0	83	2	100	0	100	0	100	0	69	0	100	0	100	0	100	0	100	0	100	0	96	0
28/02/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	79	19	100	0	100	0	93	3	100	0	100	0	98	2
Average	100	2	99	0	99	1	99	2	97	0	100	0	100	0	98	5	99	0	100	0	100	0	100	0	99	11	99	2

Average Availability for all sites: 99 %

Average Availability for 8 best sites : 100 %



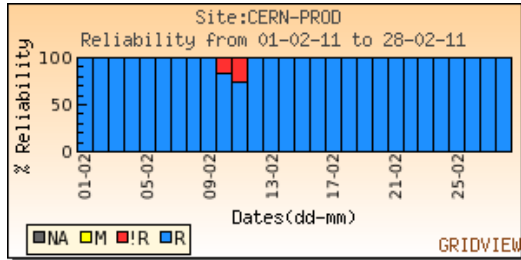
Reliability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

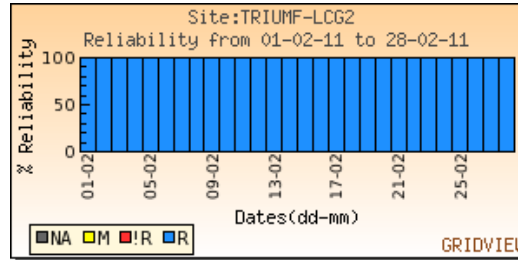
February 2011

Reliability is calculated as uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN)

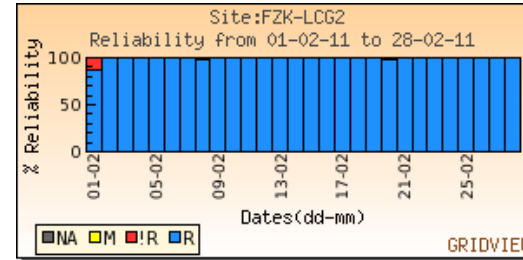
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



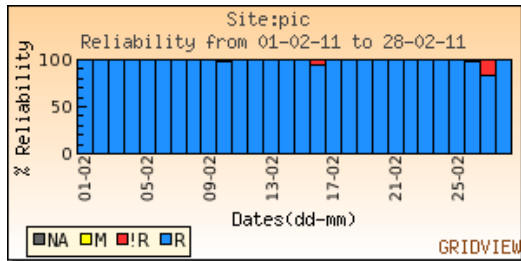
CH-CERN Rel: 99 %



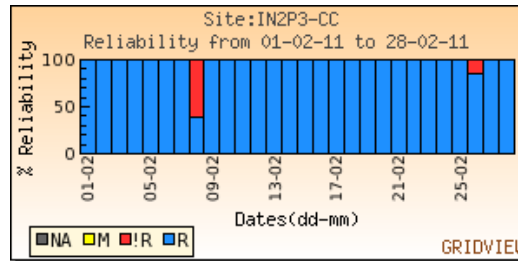
CA-TRIUMF Rel: 100 %



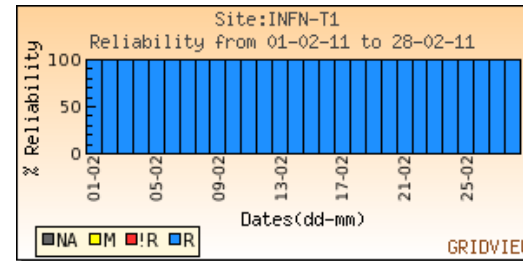
DE-KIT Rel: 99 %



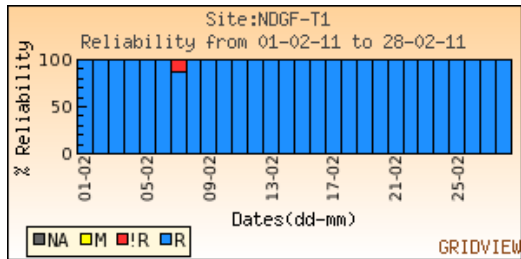
ES-PIC Rel: 99 %



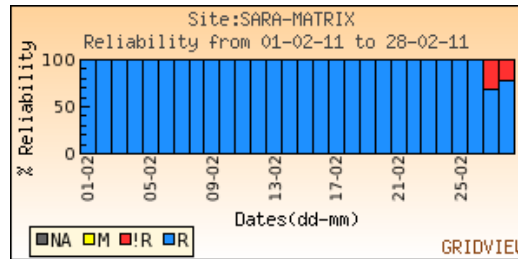
FR-CCIN2P3 Rel: 97 %



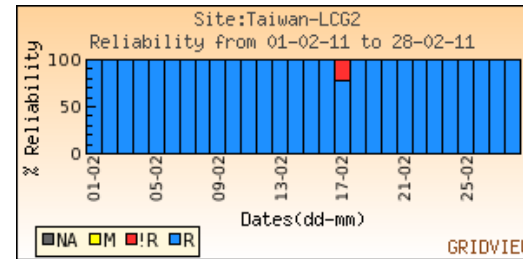
IT-INFN-CNAF Rel: 100 %



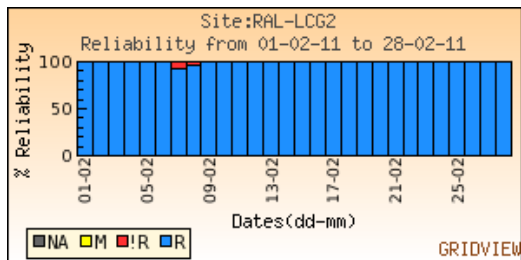
NDGF Rel: 100 %



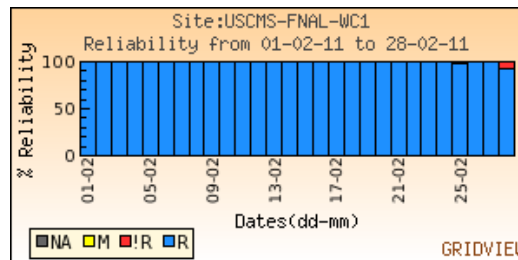
NL-T1 Rel: 98 %



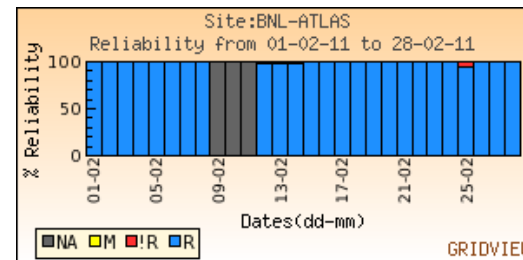
TW-ASGC Rel: 99 %



UK-T1-RAL Rel: 100 %



US-FNAL-CMS Rel: 100 %



US-T1-BNL Rel: 100 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011) to February 2011

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : >= TARGET: 97 %

90% OF TARGET: 87 %

Date	CA-TRIUMF	CH-CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NDGF	NL-T1 SARA	TW-ASGC	UK-T1-RAL	US-FNAL-CMS	US-T1-BNL	Average Reliability
01/02/2011	100 %	100 %	86 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
02/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
03/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
04/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
05/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
06/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	88 %	100 %	100 %	92 %	100 %	98 %
08/02/2011	100 %	100 %	97 %	100 %	39 %	100 %	100 %	100 %	100 %	100 %	96 %	100 %	94 %
09/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %
10/02/2011	100 %	83 %	100 %	98 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	98 %
11/02/2011	100 %	75 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	98 %
12/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	98 %	100 %
13/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %	100 %
14/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %	100 %
15/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
16/02/2011	100 %	100 %	100 %	94 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
17/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	77 %	100 %	100 %	100 %	98 %
18/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
19/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
20/02/2011	100 %	100 %	98 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
21/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
22/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
23/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
24/02/2011	100 %	100 %	100 %	99 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %	94 %	99 %
26/02/2011	100 %	100 %	100 %	98 %	86 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
27/02/2011	100 %	100 %	100 %	83 %	100 %	100 %	100 %	69 %	100 %	100 %	100 %	100 %	96 %
28/02/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	79 %	100 %	100 %	93 %	100 %	98 %
Average	100 %	99 %	99 %	99 %	97 %	100 %	100 %	98 %	99 %	100 %	100 %	100 %	99 %

Average Reliability for all sites: 99 %

Average Reliability for 8 best sites 100 %



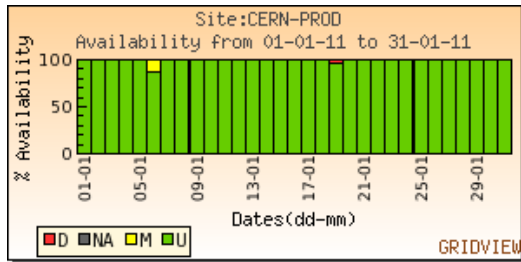
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

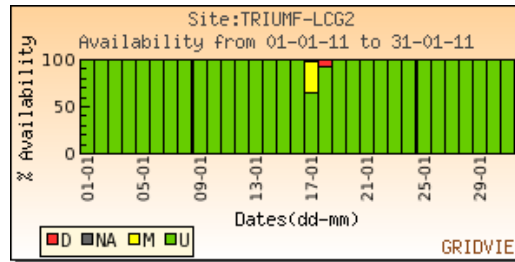
January 2011

Availability is calculated as uptime / (total_time - time_status_was_UNKNOWN)

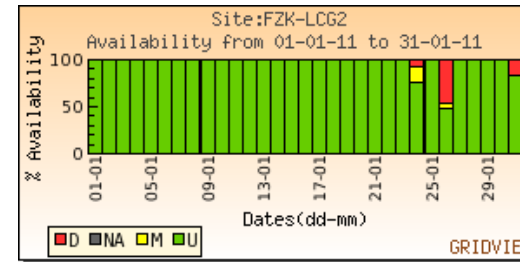
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



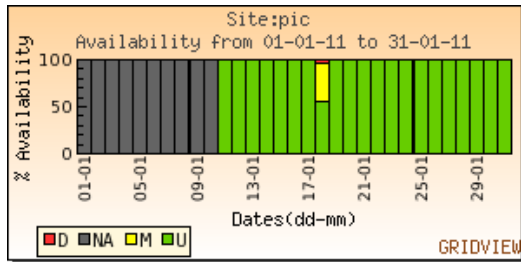
CH-CERN Avail: 99 % Unkn: 0 %



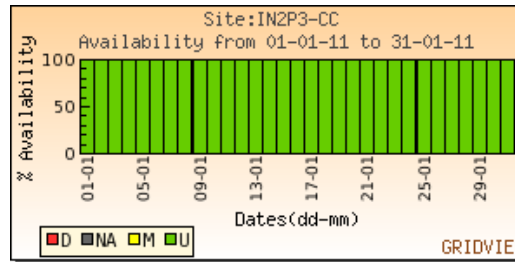
CA-TRIUMF Avail: 99 % Unkn: 0 %



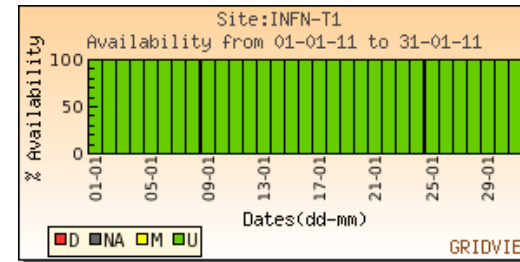
DE-KIT Avail: 97 % Unkn: 0 %



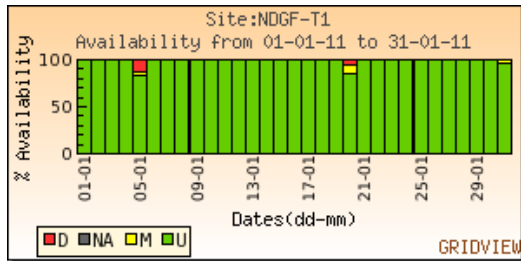
ES-PIC Avail: 98 % Unkn: 38 %



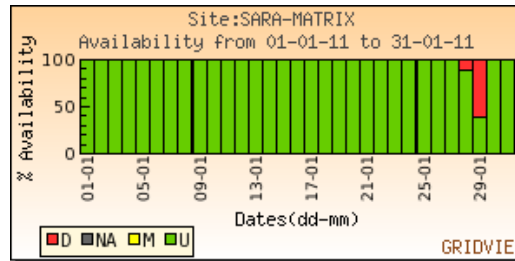
FR-CCIN2P3 Avail: 100 % Unkn: 0 %



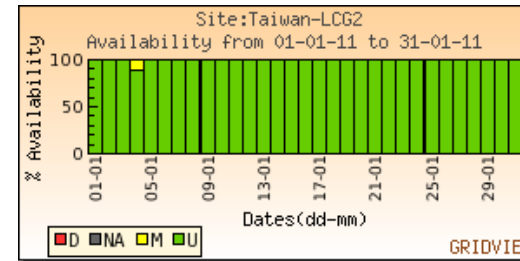
IT-INFN-CNAF Avail: 100 % Unkn: 0 %



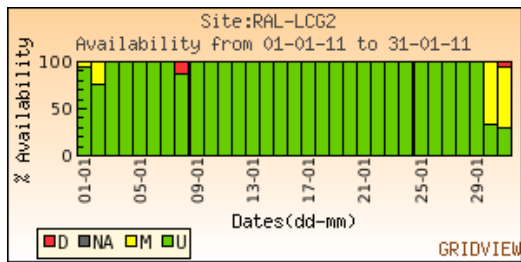
NDGF Avail: 99 % Unkn: 0 %



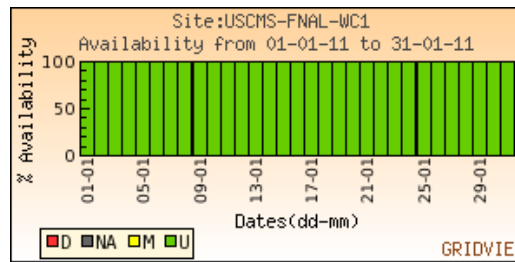
NL-T1 Avail: 98 % Unkn: 0 %



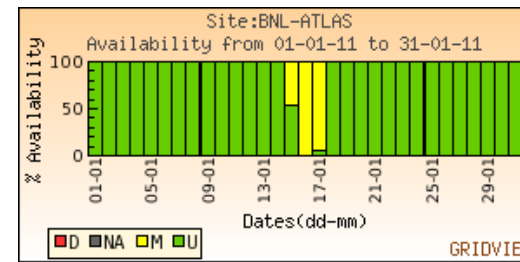
TW-ASGC Avail: 100 % Unkn: 0 %



UK-T1-RAL Avail: 94 % Unkn: 0 %



US-FNAL-CMS Avail: 100 % Unkn: 0 %



US-T1-BNL Avail: 92 % Unkn: 0 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011) **January 2011**

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits : >=

97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CA-TRIUMF		CH-CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NDGF		NL-T1 SARA		TW-ASGC		UK-T1-RAL		US-FNAL-CMS		US-T1-BNL		Average			
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn		
01/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	95	0	100	0	100	0	100	0	100	8
02/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	76	0	100	0	100	0	100	0	98	8
03/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
04/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	90	0	100	0	100	0	100	0	100	0	99	8
05/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	83	0	100	0	100	0	100	0	100	0	100	0	100	0	98	8
06/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	8
07/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
08/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	87	0	100	0	100	0	100	0	99	8
09/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
10/01/2011	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
11/01/2011	100	0	100	0	100	0	100	73	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	6
12/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
13/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	4	100	0
14/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
15/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	54	0	96	0
16/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	0	0	92	0
17/01/2011	65	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	6	0	89	0
18/01/2011	92	1	100	0	100	0	55	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	96	0
19/01/2011	100	0	95	0	100	0	100	21	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	2
20/01/2011	100	0	100	0	100	0	100	61	100	0	100	0	86	0	100	0	100	0	100	0	100	0	100	0	100	0	99	5
21/01/2011	100	0	100	0	100	0	100	5	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
22/01/2011	100	0	100	0	100	0	100	6	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	1
23/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
24/01/2011	100	0	100	0	76	0	100	3	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	98	0
25/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
26/01/2011	100	0	100	0	48	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	96	0
27/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
28/01/2011	100	0	100	0	100	0	100	1	100	0	100	0	100	0	90	0	100	0	100	0	100	0	100	0	100	0	99	0
29/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	38	0	100	0	100	0	100	0	100	0	100	0	95	0
30/01/2011	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	33	0	100	0	100	0	100	0	100	0	94	0
31/01/2011	100	0	100	0	84	0	100	0	100	0	100	0	96	0	100	0	100	0	29	0	100	0	100	0	100	0	92	0
Average	99	0	99	0	97	0	98	38	100	0	100	0	99	0	98	0	100	0	94	0	100	0	92	0	98	3		

Average Availability for all sites: 98 %

Average Availability for 8 best sites : 99 %



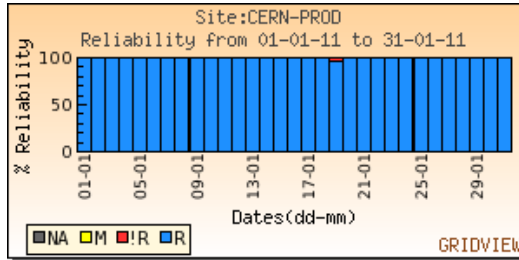
Reliability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

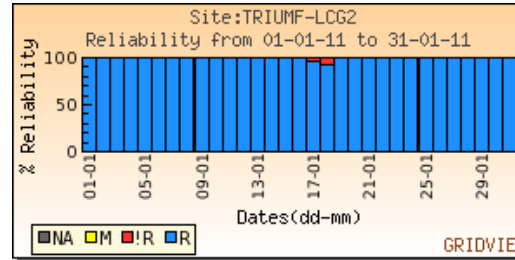
January 2011

Reliability is calculated as uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN)

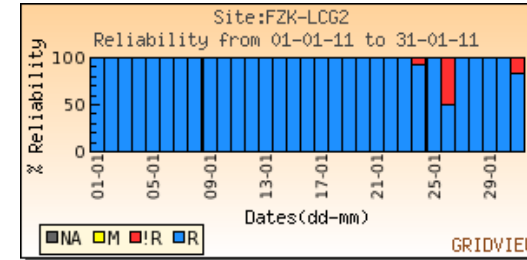
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



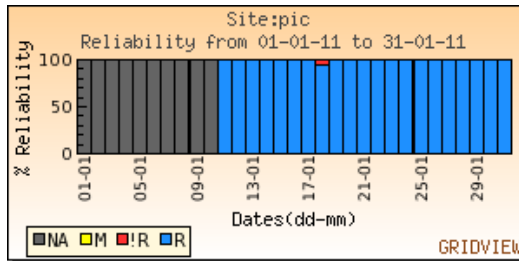
CH-CERN Rel: 100 %



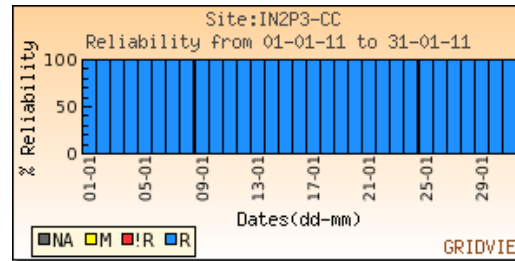
CA-TRIUMF Rel: 100 %



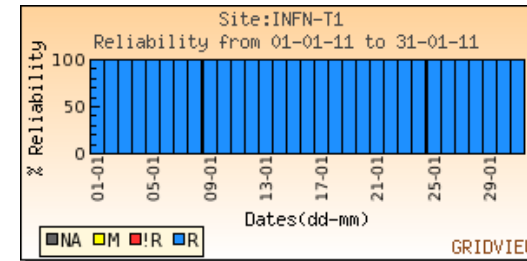
DE-KIT Rel: 98 %



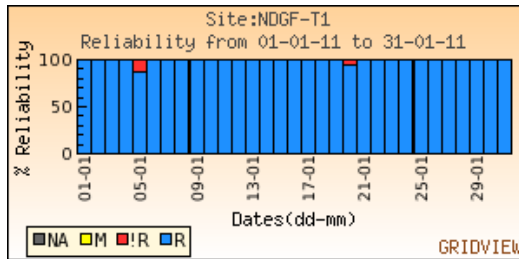
ES-PIC Rel: 100 %



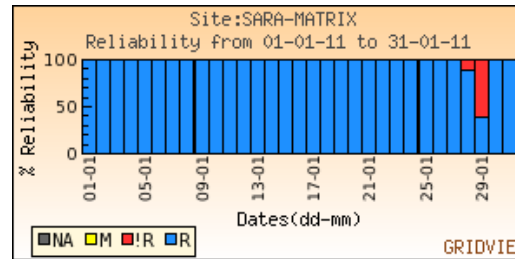
FR-CCIN2P3 Rel: 100 %



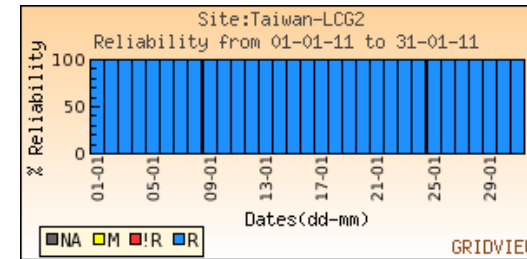
IT-INFN-CNAF Rel: 100 %



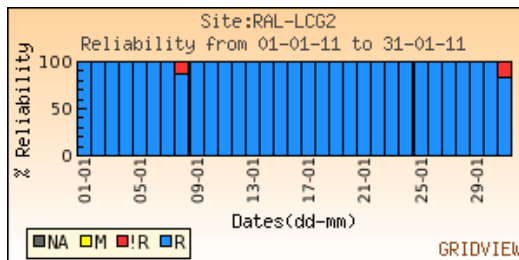
NDGF Rel: 99 %



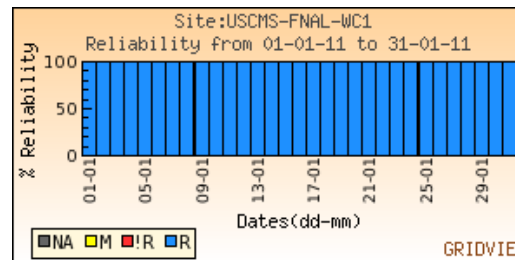
NL-T1 Rel: 98 %



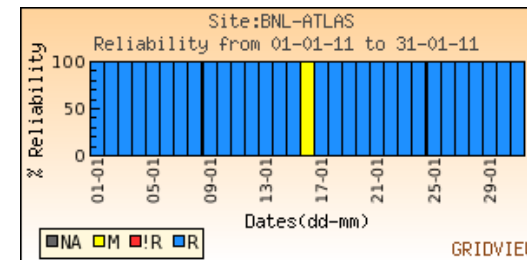
TW-ASGC Rel: 100 %



UK-T1-RAL Rel: 99 %



US-FNAL-CMS Rel: 100 %



US-T1-BNL Rel: 100 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011) to July 2011

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : >= TARGET: 97 %

90% OF TARGET: 87 %

Date	CA-TRIUMF	CH-CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NDGF	NL-T1 SARA	TW-ASGC	UK-T1-RAL	US-FNAL-CMS	US-T1-BNL	Average Reliability
01/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
02/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
03/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
04/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
05/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	87 %	100 %	100 %	100 %	100 %	100 %	99 %
06/01/2011	100 %	99 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
08/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	87 %	100 %	100 %	99 %
09/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
10/01/2011	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
11/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
12/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
13/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
14/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
15/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
16/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	N/A	100 %
17/01/2011	97 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
18/01/2011	92 %	100 %	100 %	95 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
19/01/2011	100 %	95 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
20/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	94 %	100 %	100 %	100 %	100 %	100 %	100 %
21/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
22/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
23/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
24/01/2011	100 %	100 %	92 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
25/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/01/2011	100 %	100 %	51 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	96 %
27/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	90 %	100 %	100 %	100 %	100 %	99 %
29/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	38 %	100 %	100 %	100 %	100 %	95 %
30/01/2011	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
31/01/2011	100 %	100 %	84 %	100 %	100 %	100 %	100 %	100 %	100 %	84 %	100 %	100 %	98 %
Average	100 %	100 %	98 %	100 %	100 %	100 %	99 %	98 %	100 %	99 %	100 %	100 %	99 %

Average Reliability for all sites: 99 %

Average Reliability for 8 best sites 100 %



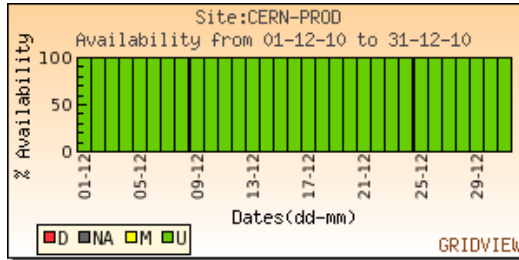
Availability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

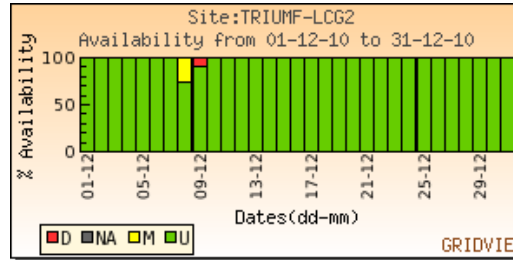
December 2010

Availability is calculated as uptime / (total_time - time_status_was_UNKNOWN)

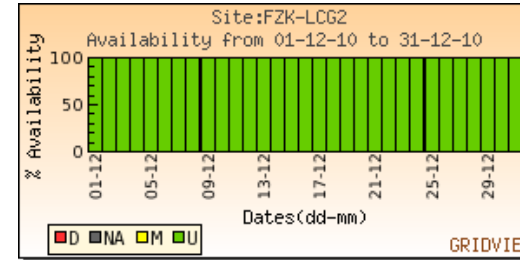
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



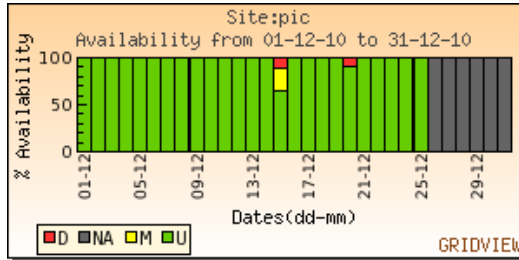
CH-CERN Avail: 100 % Unkn: 0 %



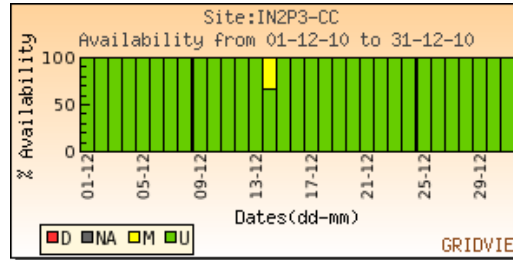
CA-TRIUMF Avail: 99 % Unkn: 1 %



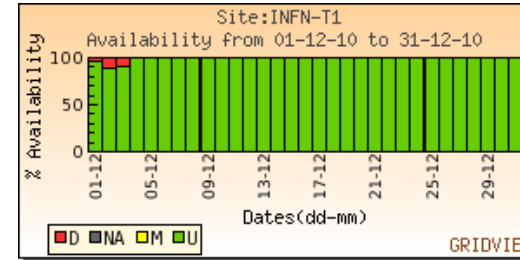
DE-KIT Avail: 100 % Unkn: 0 %



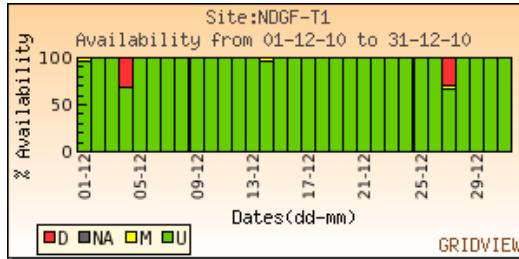
ES-PIC Avail: 98 % Unkn: 26 %



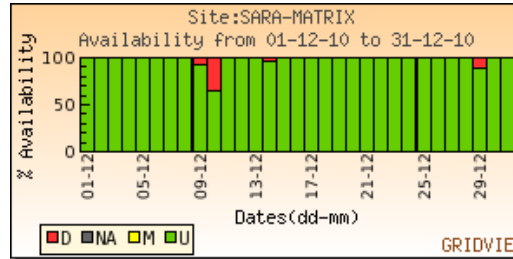
FR-CCIN2P3 Avail: 99 % Unkn: 0 %



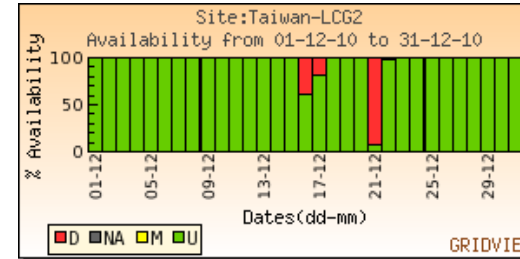
IT-INFN-CNAF Avail: 99 % Unkn: 0 %



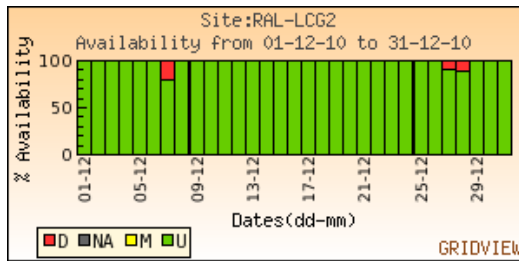
NDGF Avail: 98 % Unkn: 1 %



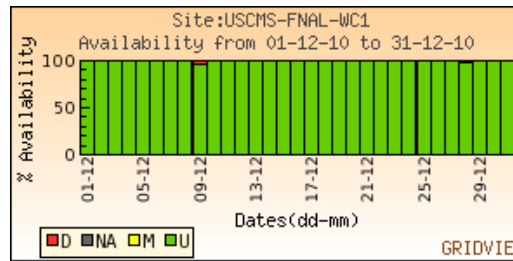
NL-T1 Avail: 98 % Unkn: 4 %



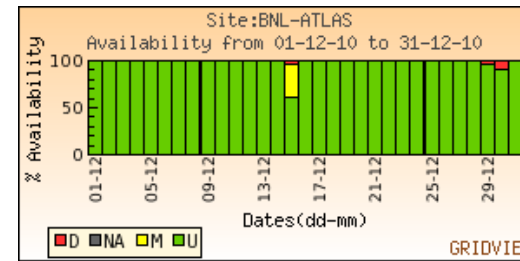
TW-ASGC Avail: 95 % Unkn: 0 %



UK-T1-RAL Avail: 99 % Unkn: 1 %



US-FNAL-CMS Avail: 100 % Unkn: 0 %



US-T1-BNL Avail: 98 % Unkn: 0 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011) **December 2010**

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Availability

Colour Coding Limits : >=

97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CA-TRIUMF		CH-CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NDGF		NL-T1 SARA		TW-ASGC		UK-T1-RAL		US-FNAL-CMS		US-T1-BNL		Average			
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn		
01/12/2010	100	0	100	0	100	0	100	0	100	0	96	0	96	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
02/12/2010	100	0	100	0	100	0	100	0	100	0	89	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
03/12/2010	100	0	100	0	100	0	100	1	100	0	90	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0
04/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	69	1	100	0	100	0	100	0	100	0	100	0	100	0	97	0
05/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
06/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
07/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	79	0	100	0	100	0	100	0	98	0
08/12/2010	75	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	1	100	0	98	0
09/12/2010	92	12	100	0	100	0	100	0	100	0	100	0	100	0	92	0	100	0	100	0	96	0	100	0	100	0	98	1
10/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	64	0	100	0	100	0	100	0	100	0	100	0	97	0
11/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
12/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
13/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
14/12/2010	100	0	100	0	100	0	100	0	67	0	100	0	96	0	97	0	100	0	100	0	100	0	100	0	100	0	97	0
15/12/2010	100	0	100	0	100	0	65	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	60	0	100	0	94	0
16/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	61	0	100	0	100	0	100	0	100	0	97	0
17/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	81	0	100	0	100	0	100	0	100	0	98	0
18/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
19/12/2010	100	15	100	9	100	0	100	62	100	3	100	8	100	17	100	62	100	9	100	14	100	0	100	0	100	0	100	17
20/12/2010	100	0	100	0	100	0	90	60	100	0	100	0	100	0	100	49	100	0	100	0	100	0	100	0	100	0	100	9
21/12/2010	100	0	100	0	99	0	100	0	100	0	100	0	100	0	100	0	8	0	100	0	100	0	100	0	100	0	92	0
22/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	99	0	100	0	100	0	100	0	100	0	100	0
23/12/2010	100	0	100	0	100	1	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
24/12/2010	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
25/12/2010	100	0	100	0	100	0	100	97	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
26/12/2010	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
27/12/2010	100	0	100	0	100	0	N/A	100	100	0	100	0	67	0	100	0	100	0	91	3	100	0	100	0	100	0	96	9
28/12/2010	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	88	5	99	0	100	0	100	0	99	9
29/12/2010	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	89	0	100	0	100	0	100	0	96	2	100	0	99	9
30/12/2010	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	90	0	100	0	99	8
31/12/2010	100	0	100	0	100	0	N/A	100	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	8
Average	99	1	100	0	100	0	98	26	99	0	99	0	98	1	98	4	95	0	99	1	100	0	98	0	99	3		

Average Availability for all sites: 99 %

Average Availability for 8 best sites : 99 %



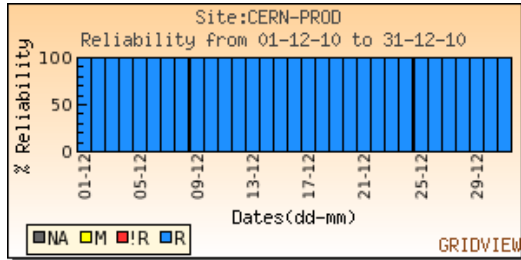
Reliability of WLCG Tier-1 Sites + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011)

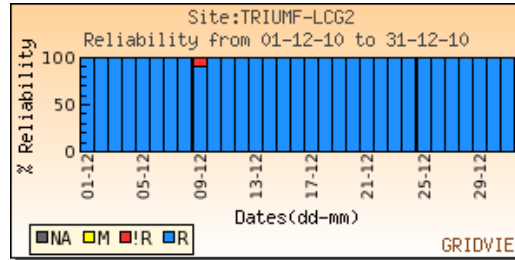
December 2010

Reliability is calculated as uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN)

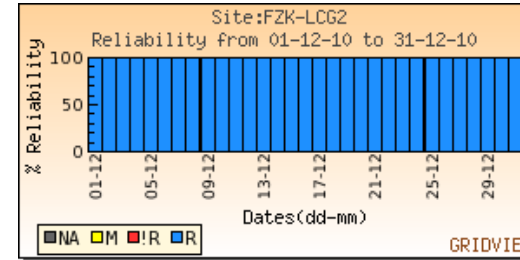
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



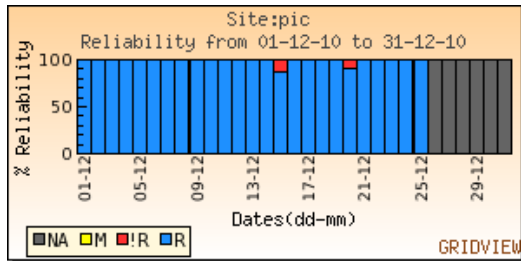
CH-CERN Rel: 100 %



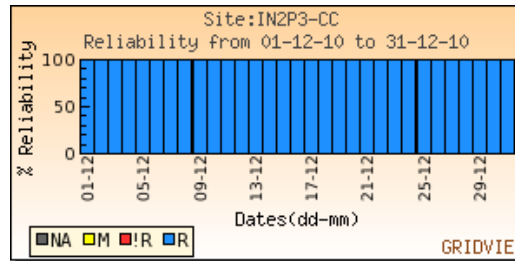
CA-TRIUMF Rel: 100 %



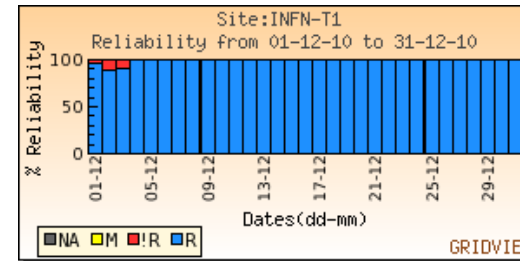
DE-KIT Rel: 100 %



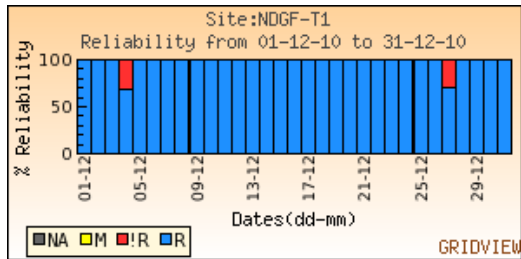
ES-PIC Rel: 99 %



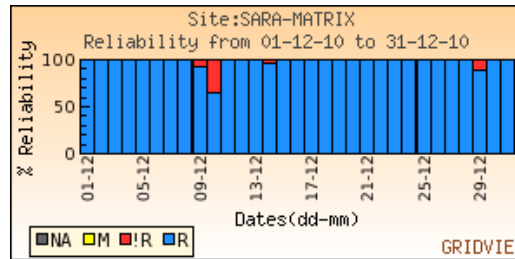
FR-CCIN2P3 Rel: 100 %



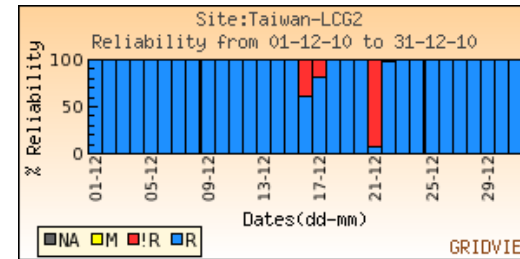
IT-INFN-CNAF Rel: 99 %



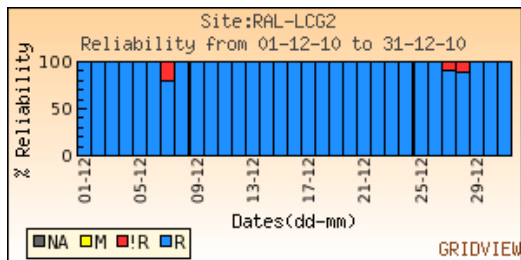
NDGF Rel: 98 %



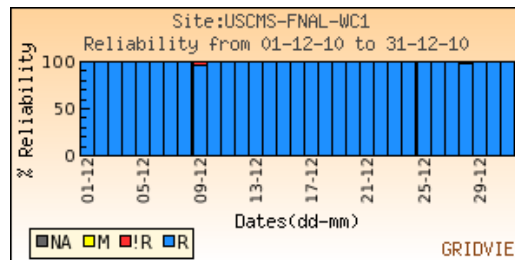
NL-T1 Rel: 98 %



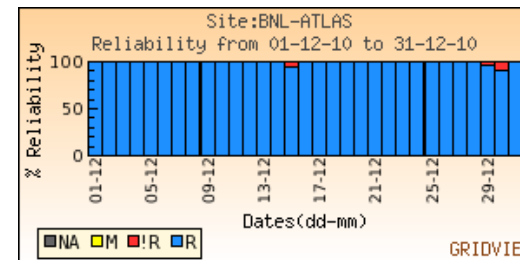
TW-ASGC Rel: 95 %



UK-T1-RAL Rel: 99 %



US-FNAL-CMS Rel: 100 %



US-T1-BNL Rel: 99 %



Service Availability Data for WLCG Tier-1s + CERN for ops (WLCG_CREAM_LCGCE_CRITICAL)

Data from Nagios/Gridview (upto Apr 2011) and Nagios/ACE (from May 2011) December 2010

Reliability = uptime / (total_time - scheduled_downtime - time_status_was_UNKNOWN) **Availability** = uptime / (total_time - time_status_was_UNKNOWN)

Target reliability for each site is 97 % and Target for 8 best sites is 98 %

Reliability

Colour Coding Limits : >= TARGET: 97 %

90% OF TARGET: 87 %

Date	CA-TRIUMF	CH-CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NDGF	NL-T1 SARA	TW-ASGC	UK-T1-RAL	US-FNAL-CMS	US-T1-BNL	Average Reliability
01/12/2010	100 %	100 %	100 %	100 %	100 %	96 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
02/12/2010	100 %	100 %	100 %	100 %	100 %	89 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
03/12/2010	100 %	100 %	100 %	100 %	100 %	90 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %
04/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	69 %	100 %	100 %	100 %	100 %	100 %	97 %
05/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
06/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	79 %	100 %	100 %	98 %
08/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
09/12/2010	92 %	100 %	100 %	100 %	100 %	100 %	100 %	92 %	100 %	100 %	96 %	100 %	98 %
10/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	64 %	100 %	100 %	100 %	100 %	97 %
11/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
12/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
13/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
14/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	97 %	100 %	100 %	100 %	100 %	100 %
15/12/2010	100 %	100 %	100 %	86 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	94 %	99 %
16/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	61 %	100 %	100 %	100 %	97 %
17/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	81 %	100 %	100 %	100 %	98 %
18/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
19/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
20/12/2010	100 %	100 %	100 %	90 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
21/12/2010	100 %	100 %	99 %	100 %	100 %	100 %	100 %	100 %	8 %	100 %	100 %	100 %	92 %
22/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	99 %	100 %	100 %	100 %	100 %
23/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
24/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/12/2010	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/12/2010	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
27/12/2010	100 %	100 %	100 %	N/A	100 %	100 %	70 %	100 %	100 %	91 %	100 %	100 %	97 %
28/12/2010	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	88 %	99 %	100 %	99 %
29/12/2010	100 %	100 %	100 %	N/A	100 %	100 %	100 %	89 %	100 %	100 %	100 %	96 %	99 %
30/12/2010	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	90 %	99 %
31/12/2010	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
Average	100 %	100 %	100 %	99 %	100 %	99 %	98 %	98 %	95 %	99 %	100 %	99 %	99 %

Average Reliability for all sites: 99 %

Average Reliability for 8 best sites 100 %