



Reliability of WLCG Tier-1 Sites + CERN for LHCb

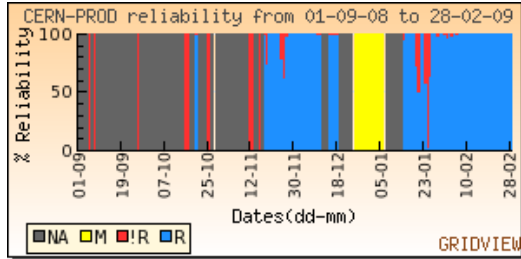
September 2008 - February 2009

Data from SAM Monitoring. Plots show Reliability for last 6 Months

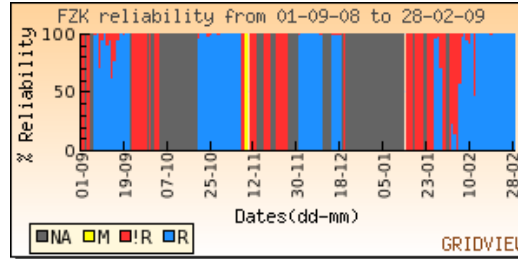
Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95 % and Target for 8 best sites is 97 % from June, 2008

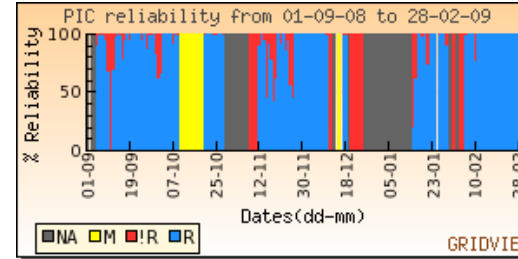
Target reliability for each site is 97 % and Target for 8 best sites is 98 % from January, 2009



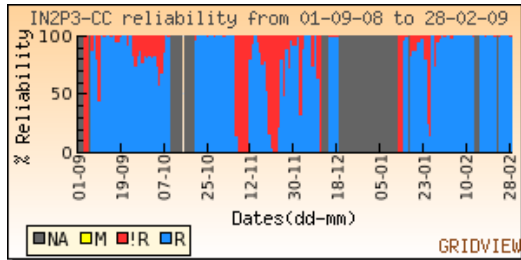
CERN Rel: 90 %



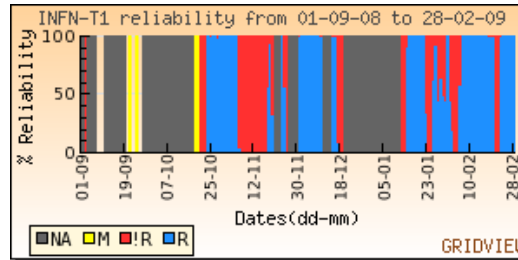
DE-KIT Rel: 73 %



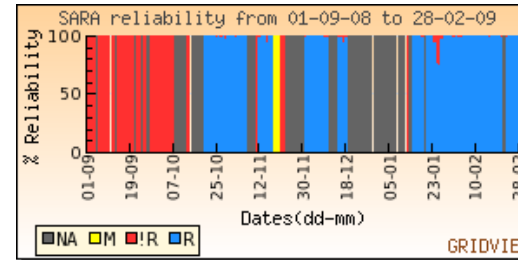
ES-PIC Rel: 88 %



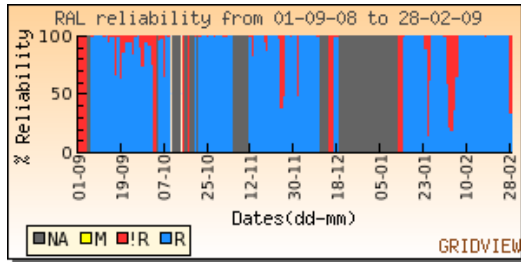
FR-CCIN2P3 Rel: 88 %



IT-INFN-CNAF Rel: 67 %



NL-T1 Rel: 91 %



UK-T1-RAL Rel: 91 %



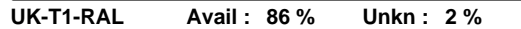
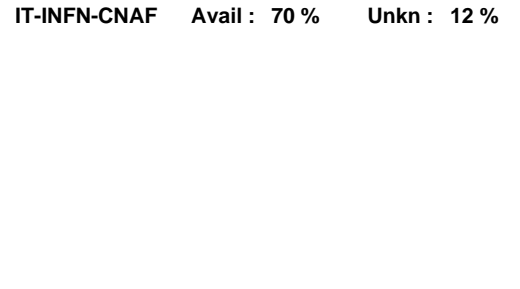
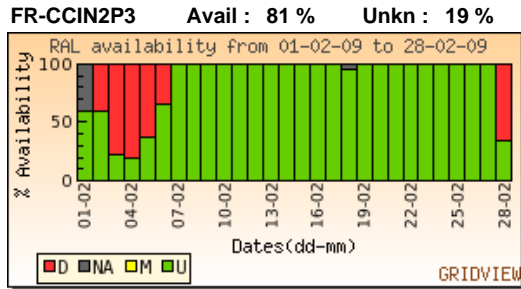
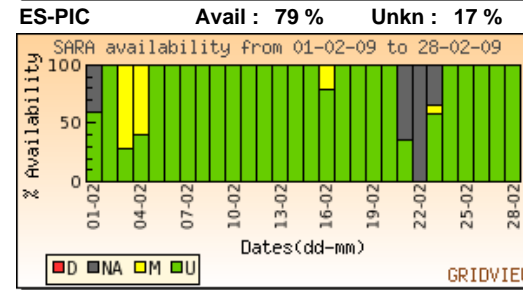
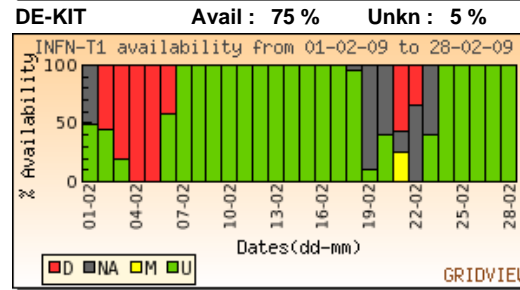
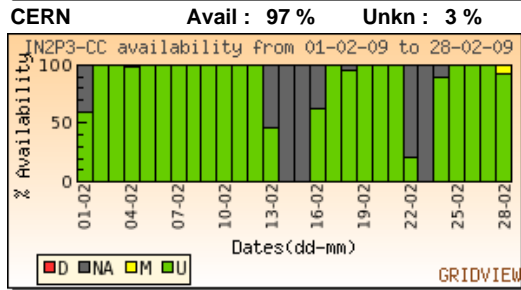
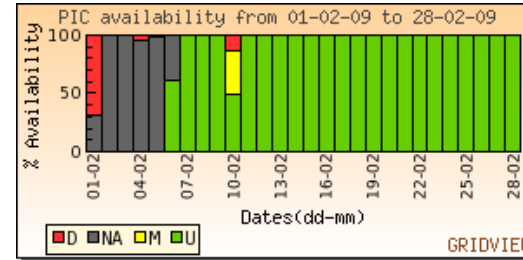
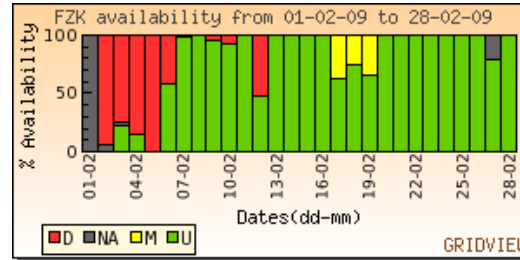
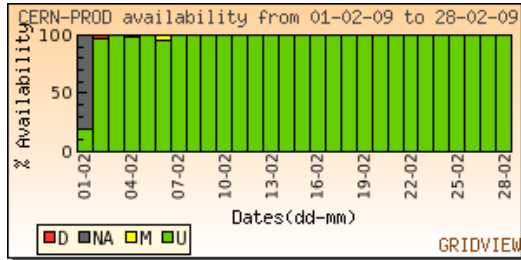
Availability of WLCG Tier-1 Sites + CERN for LHCb

February 2009

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

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





Service Availability Data for WLCG Tier-1s + CERN for LHCb

February 2009

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

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

Availability

Colour Coding Limits :

>= TARGET: 97 %

90% OF TARGET: 87 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/02/2009	19	81	0	100	0	31	60	40	50	50	60	40	60	40	36	55
02/02/2009	97	0	0	6	0	100	100	0	45	0	100	0	60	0	57	15
03/02/2009	100	0	23	2	0	100	100	0	20	0	29	0	23	0	42	15
04/02/2009	99	0	15	0	0	95	99	0	0	0	41	0	19	0	39	14
05/02/2009	100	0	0	0	0	98	100	0	0	0	100	0	38	0	48	14
06/02/2009	96	0	58	0	61	39	100	0	58	0	100	0	65	0	77	6
07/02/2009	100	0	98	0	100	0	100	0	100	0	100	0	100	0	100	0
08/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
09/02/2009	100	0	96	0	100	0	100	0	100	0	100	0	100	0	99	0
10/02/2009	100	0	92	0	49	0	100	0	100	0	100	0	100	0	92	0
11/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
12/02/2009	100	0	48	0	100	0	100	0	100	0	100	0	100	0	93	0
13/02/2009	100	0	100	0	100	0	46	54	100	0	100	0	100	0	92	8
14/02/2009	100	0	100	0	100	0	0	100	100	0	100	0	100	0	86	14
15/02/2009	100	0	100	0	100	0	0	100	100	0	100	0	100	0	86	14
16/02/2009	100	0	100	0	100	0	62	38	100	0	79	0	100	0	92	5
17/02/2009	100	0	62	0	100	0	100	0	100	0	100	0	100	0	95	0
18/02/2009	100	0	75	0	100	0	96	4	96	4	100	0	96	4	95	2
19/02/2009	100	0	65	0	100	0	100	0	11	89	100	0	100	0	82	13
20/02/2009	100	0	100	0	100	0	100	0	40	60	100	0	100	0	91	9
21/02/2009	100	0	100	0	100	0	100	0	0	17	36	64	100	0	77	12
22/02/2009	100	0	100	0	100	0	21	79	0	65	0	100	100	0	60	35
23/02/2009	100	0	100	0	100	0	0	100	40	60	58	35	100	0	71	28
24/02/2009	100	0	100	0	100	0	90	10	100	0	100	0	100	0	99	1
25/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
26/02/2009	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0
27/02/2009	100	0	79	21	100	0	100	0	100	0	100	0	100	0	97	3
28/02/2009	100	0	100	0	100	0	93	0	100	0	100	0	35	0	90	0
Average	97	3	75	5	79	17	81	19	70	12	86	9	86	2	82	9

Average Availability for all sites: 82 %

Average Availability for 8 best sites : 82 %



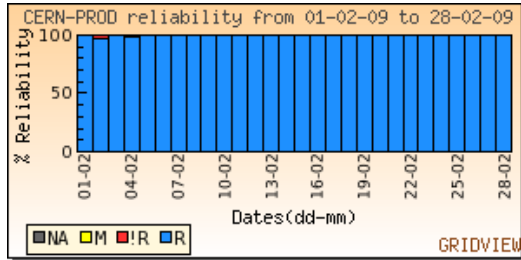
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February 2009

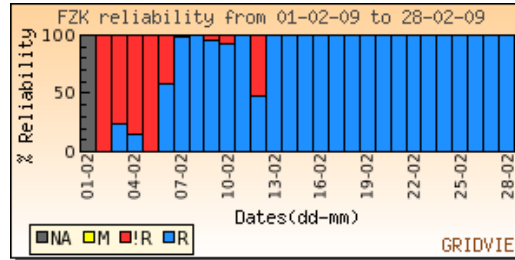
Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

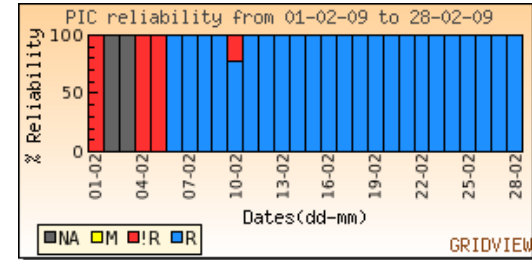
Target reliability for each site is 97% and Target for 8 best sites is 98%



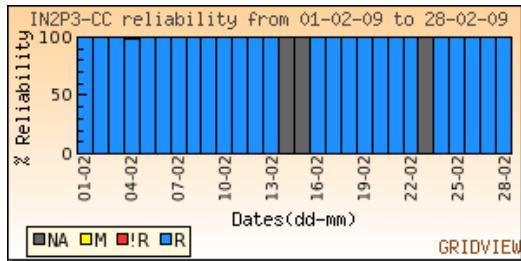
CERN Rel: 100%



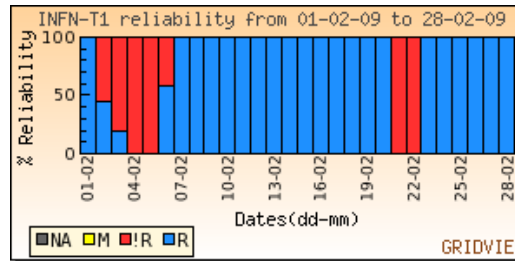
DE-KIT Rel: 82%



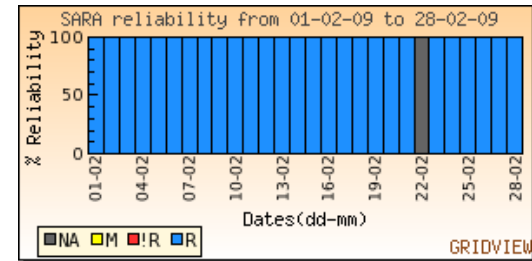
ES-PIC Rel: 96%



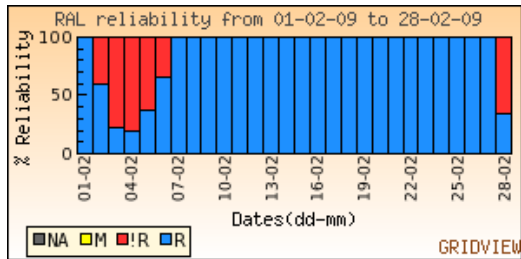
FR-CCIN2P3 Rel: 100%



IT-INFN-CNAF Rel: 81%



NL-T1 Rel: 100%



UK-T1-RAL Rel: 87%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

February 2009

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

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	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/02/2009	100 %	N/A	0 %	100 %	100 %	100 %	100 %	78 %
02/02/2009	97 %	0 %	N/A	100 %	45 %	100 %	60 %	68 %
03/02/2009	100 %	23 %	N/A	100 %	20 %	100 %	23 %	56 %
04/02/2009	99 %	15 %	0 %	99 %	0 %	100 %	19 %	50 %
05/02/2009	100 %	0 %	0 %	100 %	0 %	100 %	38 %	56 %
06/02/2009	100 %	58 %	100 %	100 %	58 %	100 %	65 %	82 %
07/02/2009	100 %	98 %	100 %	100 %	100 %	100 %	100 %	100 %
08/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
09/02/2009	100 %	96 %	100 %	100 %	100 %	100 %	100 %	99 %
10/02/2009	100 %	92 %	78 %	100 %	100 %	100 %	100 %	97 %
11/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
12/02/2009	100 %	48 %	100 %	100 %	100 %	100 %	100 %	93 %
13/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
14/02/2009	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
15/02/2009	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
16/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
17/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
18/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
19/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
20/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
21/02/2009	100 %	100 %	100 %	100 %	0 %	100 %	100 %	90 %
22/02/2009	100 %	100 %	100 %	100 %	0 %	N/A	100 %	92 %
23/02/2009	100 %	100 %	100 %	N/A	100 %	100 %	100 %	100 %
24/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
26/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
27/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/02/2009	100 %	100 %	100 %	100 %	100 %	100 %	35 %	91 %
Average	100 %	82 %	96 %	100 %	81 %	100 %	87 %	92 %

Average Reliability for all sites: **92 %**

Average Reliability for 8 best sites : **92 %**



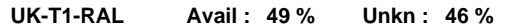
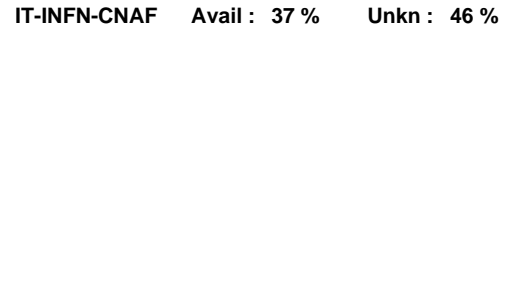
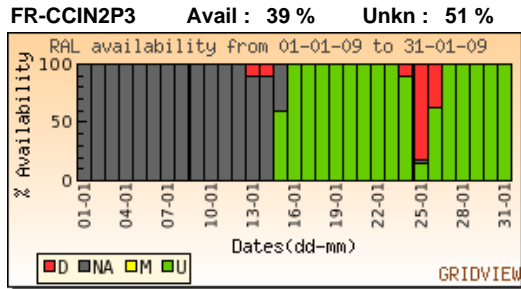
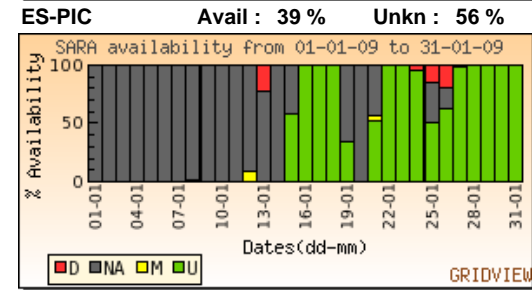
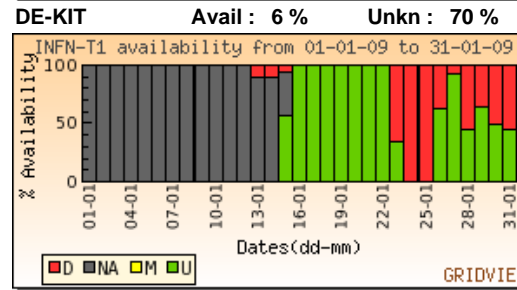
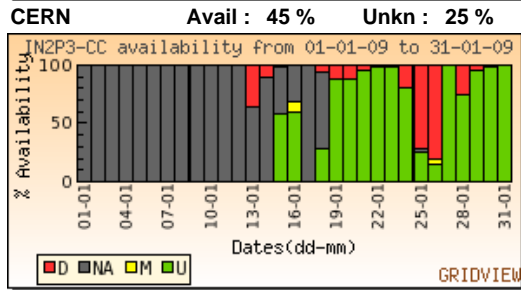
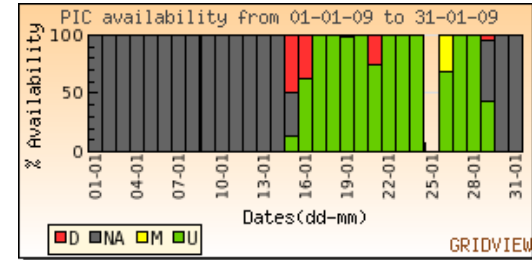
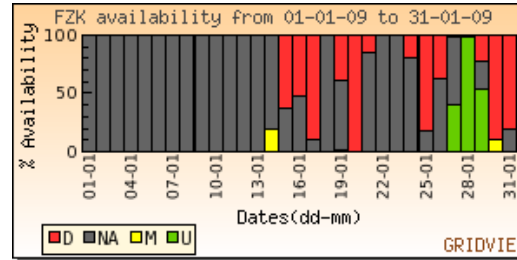
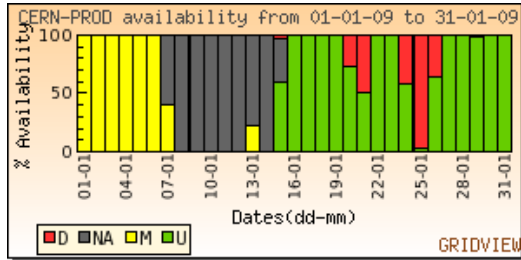
Availability of WLCG Tier-1 Sites + CERN for LHCb

January 2009

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

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





Service Availability Data for WLCG Tier-1s + CERN for LHCb

January 2009

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

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

Availability

Colour Coding Limits :

>= TARGET: 97 %

90% OF TARGET:

87 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
02/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
03/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
04/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
05/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
06/01/2009	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	86
07/01/2009	0	59	0	100	0	100	0	100	0	100	0	100	0	100	0	94
08/01/2009	0	100	0	100	0	100	0	100	0	100	0	98	0	100	0	100
09/01/2009	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
10/01/2009	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
11/01/2009	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
12/01/2009	0	100	0	100	0	100	0	100	0	100	0	91	0	100	0	99
13/01/2009	0	77	0	100	0	100	0	64	0	89	0	77	0	89	0	85
14/01/2009	0	100	0	80	0	100	0	90	0	90	0	100	0	90	0	93
15/01/2009	60	37	0	37	13	37	58	40	57	37	58	42	60	40	44	39
16/01/2009	100	0	0	48	62	0	60	31	100	0	100	0	100	0	75	11
17/01/2009	100	0	0	10	100	0	0	100	100	0	100	0	100	0	71	16
18/01/2009	100	0	0	100	100	0	29	65	100	0	100	0	100	0	76	24
19/01/2009	100	0	0	60	98	0	88	0	100	0	34	66	100	0	74	18
20/01/2009	73	0	0	0	100	0	88	0	100	0	0	100	100	0	66	14
21/01/2009	51	0	0	85	75	0	96	0	100	0	52	44	100	0	68	18
22/01/2009	100	0	0	100	100	0	98	0	100	0	100	0	100	0	85	14
23/01/2009	100	0	0	100	100	0	98	0	35	0	100	0	100	0	76	14
24/01/2009	58	0	0	80	100	0	81	0	0	0	95	0	90	0	61	11
25/01/2009	3	0	0	18	0	0	25	3	0	0	51	34	15	3	16	10
26/01/2009	64	0	0	62	69	0	15	0	62	0	62	18	63	0	48	11
27/01/2009	100	0	40	59	100	0	100	0	92	0	98	0	100	0	90	8
28/01/2009	100	0	98	0	100	0	75	0	45	0	100	0	100	0	88	0
29/01/2009	98	0	54	24	44	52	96	0	64	0	100	0	100	0	79	11
30/01/2009	100	0	0	0	0	100	98	0	50	0	100	0	100	0	64	14
31/01/2009	100	0	0	19	0	100	100	0	45	0	100	0	100	0	64	17
Average	45	25	6	70	39	56	39	51	37	46	44	54	49	46	37	50

Average Availability for all sites: 37 %

Average Availability for 8 best sites : 37 %



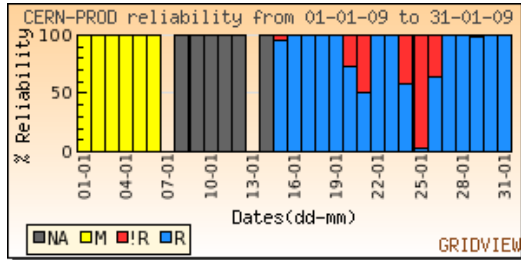
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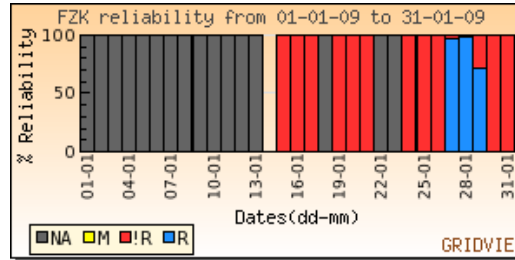
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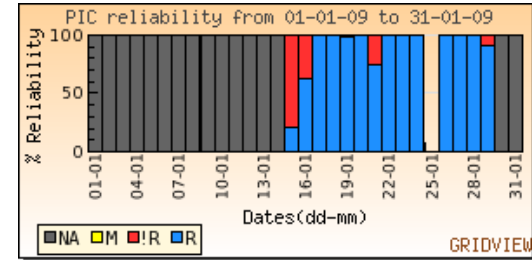
Target reliability for each site is 97 % and Target for 8 best sites is 98 %



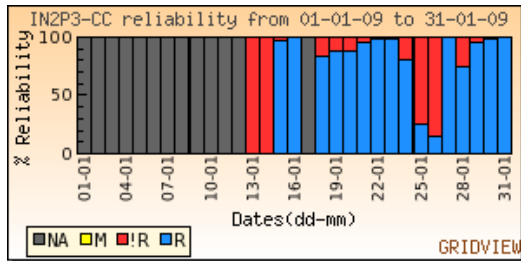
CERN Rel: 85 %



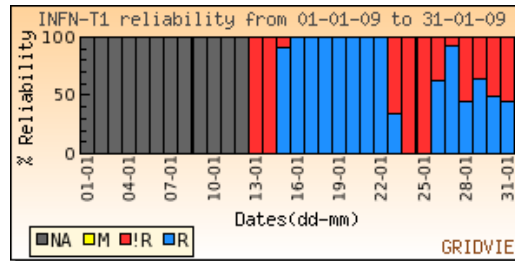
DE-KIT Rel: 22 %



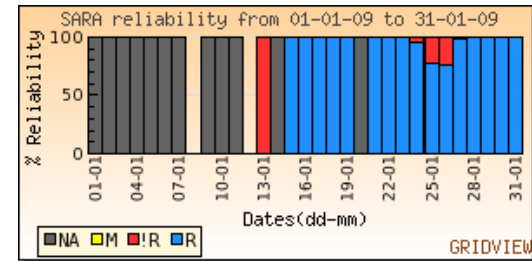
ES-PIC Rel: 91 %



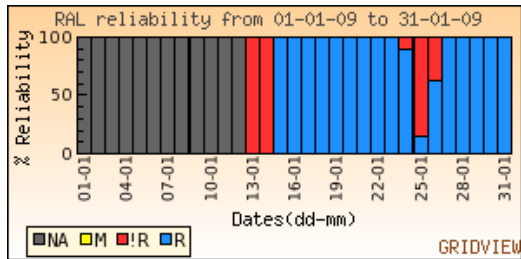
FR-CCIN2P3 Rel: 80 %



IT-INFN-CNAF Rel: 68 %



NL-T1 Rel: 95 %



UK-T1-RAL Rel: 91 %



Service Availability Data for WLCG Tier-1s + CERN for LHCb

January 2009

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

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	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
02/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
03/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
04/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
05/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
06/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
08/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/01/2009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/01/2009	N/A	N/A	N/A	0 %	0 %	0 %	0 %	0 %
14/01/2009	N/A	N/A	N/A	0 %	0 %	N/A	0 %	0 %
15/01/2009	97 %	0 %	21 %	97 %	91 %	100 %	100 %	72 %
16/01/2009	100 %	0 %	62 %	100 %	100 %	100 %	100 %	85 %
17/01/2009	100 %	0 %	100 %	N/A	100 %	100 %	100 %	85 %
18/01/2009	100 %	N/A	100 %	82 %	100 %	100 %	100 %	99 %
19/01/2009	100 %	0 %	98 %	88 %	100 %	100 %	100 %	91 %
20/01/2009	73 %	0 %	100 %	88 %	100 %	N/A	100 %	77 %
21/01/2009	51 %	0 %	75 %	96 %	100 %	100 %	100 %	84 %
22/01/2009	100 %	N/A	100 %	98 %	100 %	100 %	100 %	100 %
23/01/2009	100 %	N/A	100 %	98 %	35 %	100 %	100 %	89 %
24/01/2009	58 %	0 %	100 %	81 %	0 %	95 %	90 %	68 %
25/01/2009	3 %	0 %	N/A	26 %	0 %	78 %	16 %	17 %
26/01/2009	64 %	0 %	100 %	16 %	62 %	76 %	63 %	57 %
27/01/2009	100 %	98 %	100 %	100 %	92 %	98 %	100 %	98 %
28/01/2009	100 %	98 %	100 %	75 %	45 %	100 %	100 %	88 %
29/01/2009	98 %	71 %	92 %	96 %	64 %	100 %	100 %	89 %
30/01/2009	100 %	0 %	N/A	98 %	50 %	100 %	100 %	76 %
31/01/2009	100 %	0 %	N/A	100 %	45 %	100 %	100 %	77 %
Average	85 %	22 %	91 %	80 %	68 %	95 %	91 %	79 %

Average Reliability for all sites: **79 %**

Average Reliability for 8 best sites : **79 %**



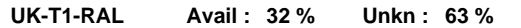
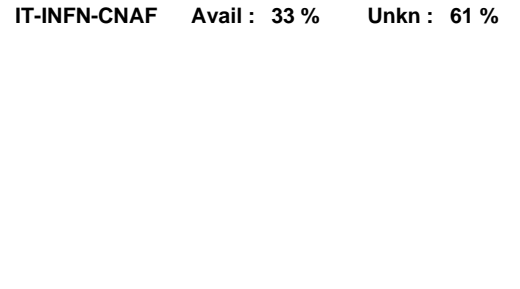
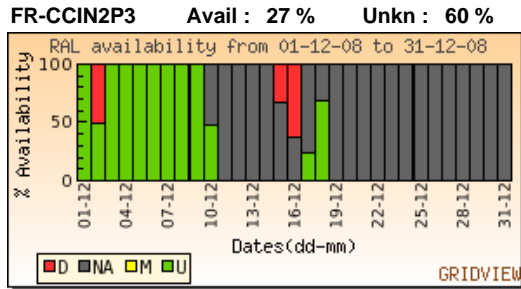
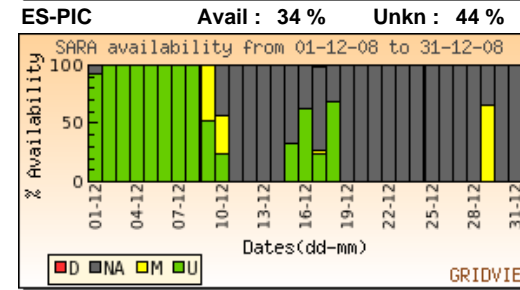
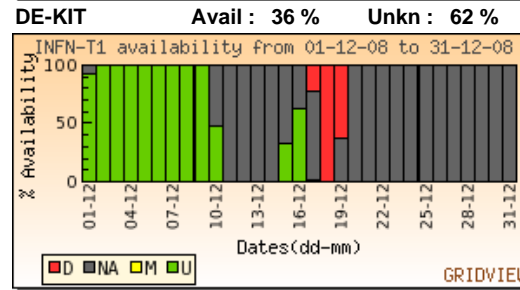
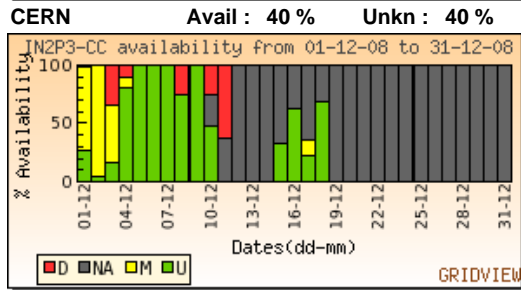
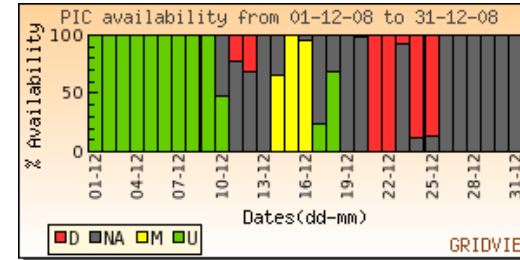
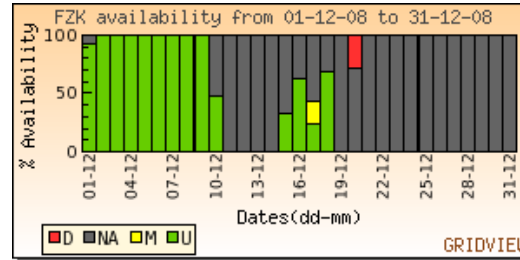
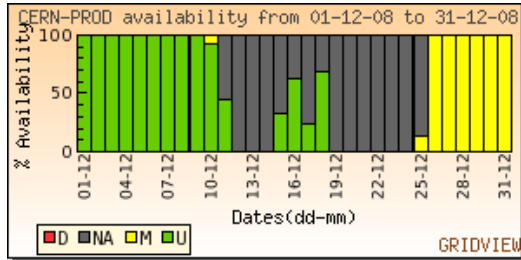
Availability of WLCG Tier-1 Sites + CERN for LHCb

December 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

December 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average		
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	
01/12/2008	100	0	92	8	100	0	27	0	92	8	92	8	100	0	86	4	
02/12/2008	100	0	100	0	100	0	4	0	100	0	100	0	50	0	79	0	
03/12/2008	100	0	100	0	100	0	17	0	100	0	100	0	100	0	88	0	
04/12/2008	100	0	100	0	100	0	80	0	100	0	100	0	100	0	97	0	
05/12/2008	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	
06/12/2008	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	
07/12/2008	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	
08/12/2008	100	0	100	0	100	0	75	0	100	0	100	0	100	0	96	0	
09/12/2008	100	0	100	0	100	0	100	0	100	0	52	0	100	0	93	0	
10/12/2008	93	0	48	52	48	52	48	26	48	52	24	43	48	52	51	40	
11/12/2008	45	55	0	100	0	78	0	38	0	100	0	100	0	100	0	6	82
12/12/2008	0	100	0	100	0	68	0	100	0	100	0	100	0	100	0	0	95
13/12/2008	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	0	100
14/12/2008	0	100	0	100	0	35	0	100	0	100	0	100	0	100	0	0	91
15/12/2008	33	67	33	67	0	0	33	67	33	67	33	67	0	67	24	57	
16/12/2008	62	38	62	38	0	5	62	38	62	38	62	38	0	38	44	33	
17/12/2008	24	76	24	56	24	76	23	64	2	76	24	72	24	76	21	71	
18/12/2008	69	31	69	31	69	31	69	31	0	0	69	31	69	31	59	26	
19/12/2008	0	100	0	100	0	100	0	100	0	38	0	100	0	100	0	0	91
20/12/2008	0	100	0	71	0	99	0	100	0	100	0	100	0	100	0	0	96
21/12/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	0	86
22/12/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	0	86
23/12/2008	0	100	0	100	0	92	0	100	0	100	0	100	0	100	0	0	99
24/12/2008	0	100	0	100	0	12	0	100	0	100	0	100	0	100	0	0	87
25/12/2008	0	87	0	100	0	14	0	100	0	100	0	100	0	100	0	0	86
26/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
27/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
28/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
29/12/2008	0	0	0	100	0	100	0	100	0	100	0	34	0	100	0	0	76
30/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
31/12/2008	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	0	86
Average	40	40	36	62	34	44	27	60	33	61	34	61	32	63	34	56	

Average Availability for all sites: **34 %**

Average Availability for 8 best sites : **34 %**



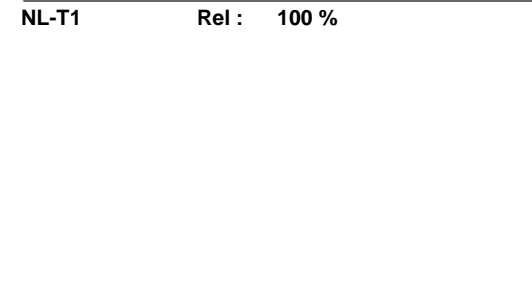
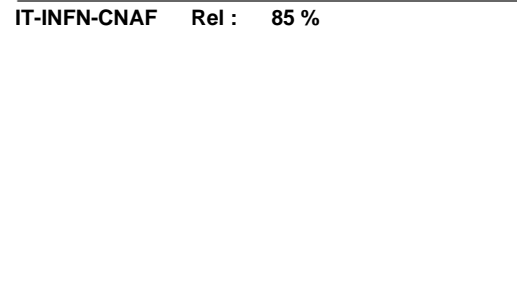
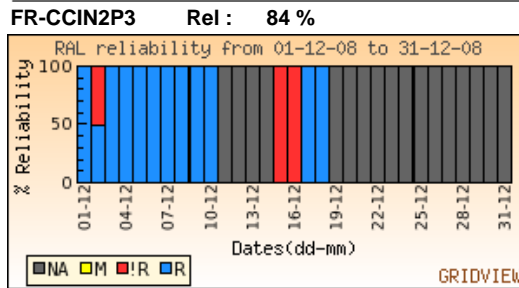
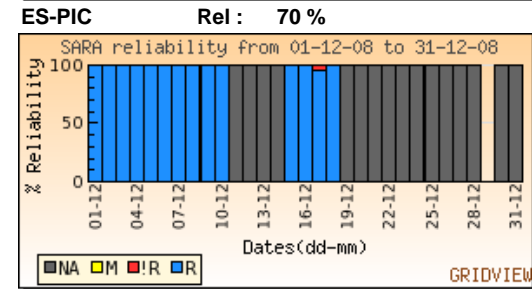
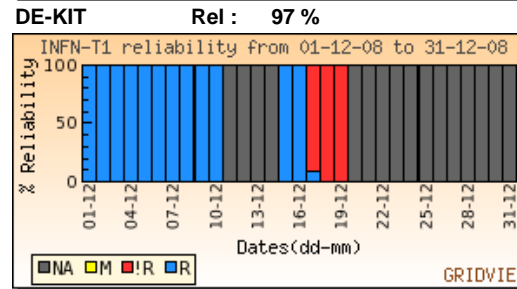
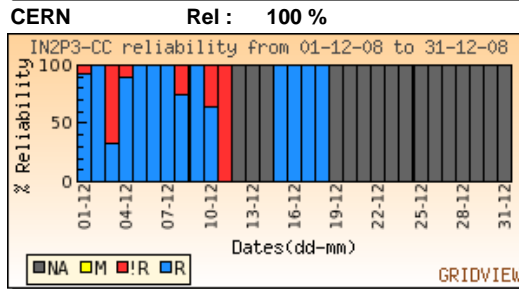
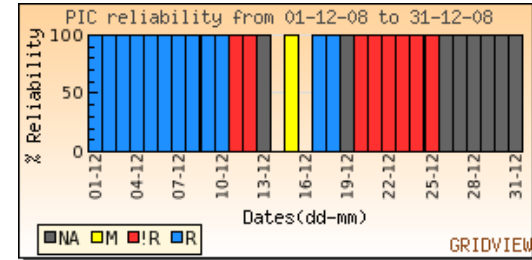
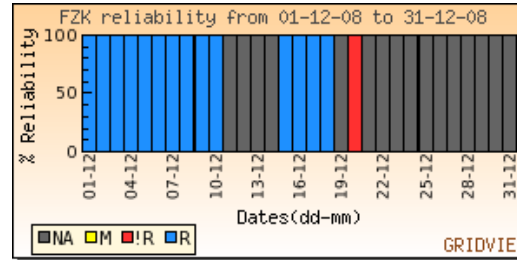
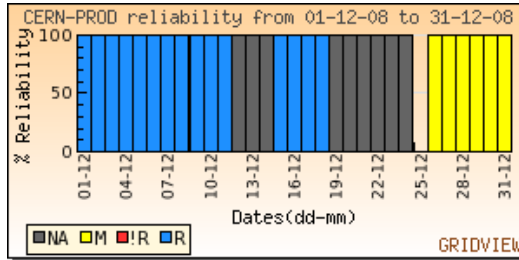
Reliability of WLCG Tier-1 Sites + CERN for LHCb

December 2008

Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95% and Target for 8 best sites is 97%





Service Availability Data for WLCG Tier-1s + CERN for LHCb

December 2008

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/12/2008	100 %	100 %	100 %	93 %	100 %	100 %	100 %	100 %
02/12/2008	100 %	100 %	100 %	99 %	100 %	100 %	50 %	92 %
03/12/2008	100 %	100 %	100 %	33 %	100 %	100 %	100 %	95 %
04/12/2008	100 %	100 %	100 %	88 %	100 %	100 %	100 %	98 %
05/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
06/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
07/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
08/12/2008	100 %	100 %	100 %	75 %	100 %	100 %	100 %	96 %
09/12/2008	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
10/12/2008	100 %	100 %	100 %	64 %	100 %	100 %	100 %	93 %
11/12/2008	100 %	N/A	0 %	0 %	N/A	N/A	N/A	35 %
12/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
13/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/12/2008	100 %	100 %	N/A	100 %	100 %	100 %	0 %	83 %
16/12/2008	100 %	100 %	N/A	100 %	100 %	100 %	0 %	83 %
17/12/2008	100 %	100 %	100 %	100 %	7 %	100 %	100 %	86 %
18/12/2008	100 %	100 %	100 %	100 %	0 %	100 %	100 %	81 %
19/12/2008	N/A	N/A	N/A	N/A	0 %	N/A	N/A	0 %
20/12/2008	N/A	0 %	0 %	N/A	N/A	N/A	N/A	0 %
21/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
22/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
23/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
24/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
25/12/2008	N/A	N/A	0 %	N/A	N/A	N/A	N/A	0 %
26/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31/12/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Average	100 %	97 %	70 %	84 %	85 %	100 %	87 %	88 %

Average Reliability for all sites: **88 %**

Average Reliability for 8 best sites : **88 %**



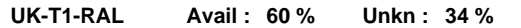
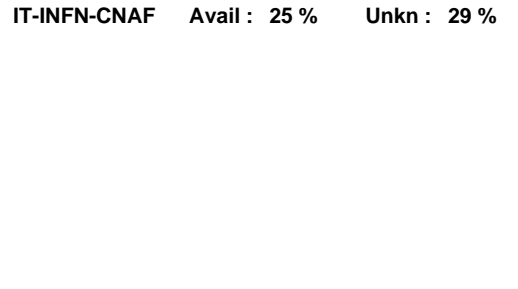
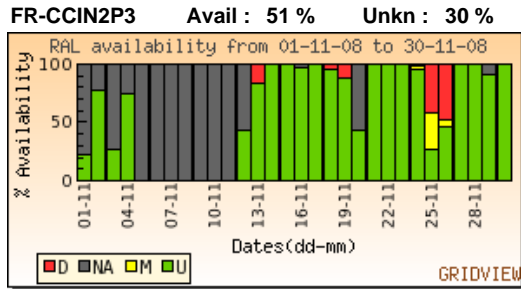
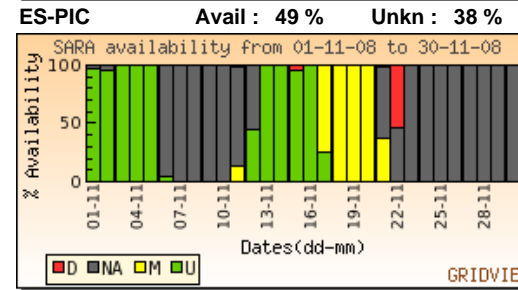
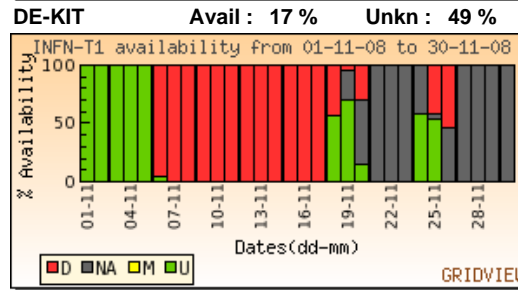
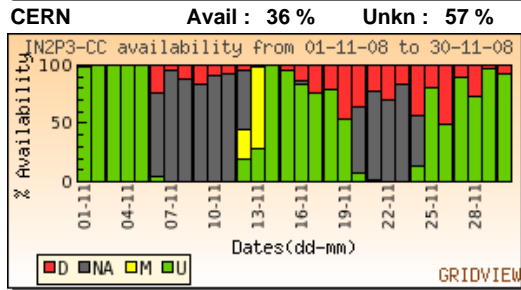
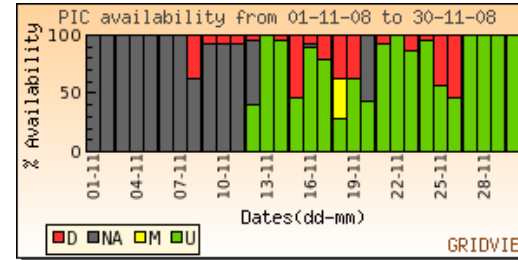
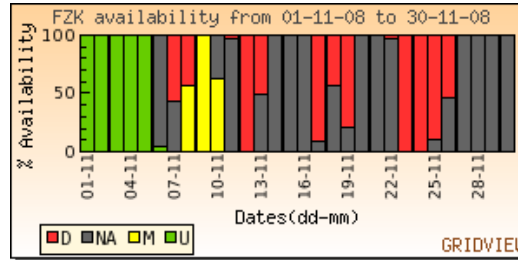
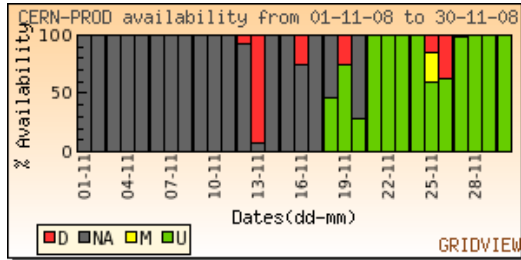
Availability of WLCG Tier-1 Sites + CERN for LHCb

November 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

November 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/11/2008	0	100	100	0	0	100	98	2	100	0	97	3	23	77	60	40
02/11/2008	0	100	100	0	0	100	100	0	100	0	95	5	77	23	67	33
03/11/2008	0	100	100	0	0	100	100	0	100	0	100	0	27	73	61	39
04/11/2008	0	100	100	0	0	100	100	0	100	0	100	0	75	25	68	32
05/11/2008	0	100	100	0	0	100	100	0	100	0	100	0	0	100	57	43
06/11/2008	0	100	4	96	0	100	4	72	4	0	4	96	0	100	2	80
07/11/2008	0	100	0	43	0	100	0	95	0	0	0	100	0	100	0	77
08/11/2008	0	100	0	0	0	63	0	88	0	0	0	100	0	100	0	64
09/11/2008	0	100	0	0	0	92	0	84	0	0	0	100	0	100	0	68
10/11/2008	0	100	0	38	0	92	0	91	0	0	0	100	0	100	0	74
11/11/2008	0	100	0	97	0	92	0	93	0	0	0	85	0	100	0	81
12/11/2008	0	93	0	0	41	55	20	50	0	0	45	55	44	56	21	44
13/11/2008	0	7	0	49	100	0	28	0	0	0	100	0	83	0	45	8
14/11/2008	0	100	0	100	96	0	100	0	0	0	100	0	100	0	57	29
15/11/2008	0	100	0	100	46	0	96	0	0	0	96	0	100	0	48	29
16/11/2008	0	75	0	100	90	2	83	4	0	0	100	0	97	3	53	26
17/11/2008	0	100	0	9	79	0	76	0	0	0	25	0	100	0	40	16
18/11/2008	46	54	0	57	29	0	79	0	56	0	0	0	95	0	44	16
19/11/2008	74	0	0	21	63	0	54	0	70	26	0	0	88	0	50	7
20/11/2008	29	71	0	100	43	57	7	57	15	55	0	0	43	57	20	57
21/11/2008	100	0	0	100	93	0	1	77	0	100	0	62	100	0	42	48
22/11/2008	100	0	0	97	100	0	0	70	0	100	0	46	100	0	43	45
23/11/2008	100	0	0	0	87	0	0	84	0	100	0	100	100	0	41	41
24/11/2008	100	0	0	0	96	0	13	43	58	42	0	100	96	0	52	26
25/11/2008	59	0	0	11	56	0	81	0	54	4	0	100	27	0	40	17
26/11/2008	63	0	0	46	46	0	49	0	0	46	0	100	46	0	29	27
27/11/2008	98	0	0	100	100	0	90	0	0	100	0	100	100	0	55	43
28/11/2008	100	0	0	100	100	0	73	0	0	100	0	100	100	0	53	43
29/11/2008	100	0	0	100	100	0	97	0	0	100	0	100	91	9	55	44
30/11/2008	100	0	0	100	100	0	92	0	0	100	0	100	100	0	56	43
Average	36	57	17	49	49	38	51	30	25	29	32	52	60	34	39	41

Average Availability for all sites: 39 %

Average Availability for 8 best sites : 39 %



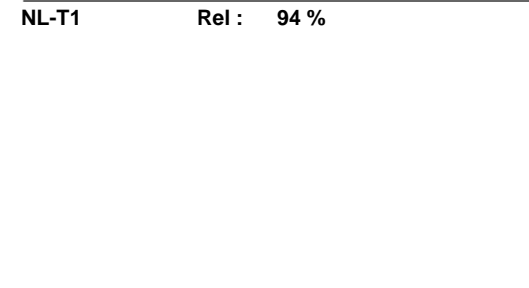
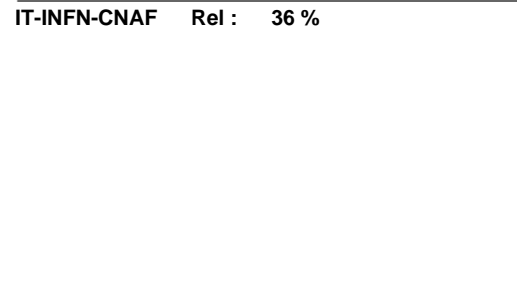
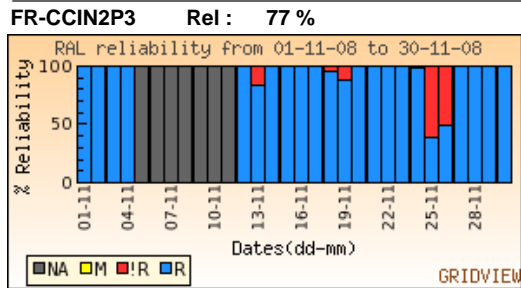
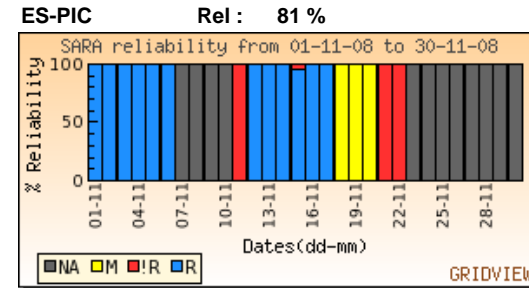
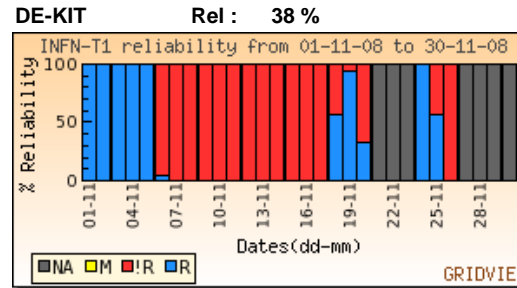
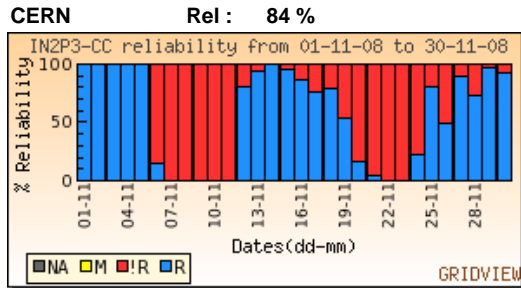
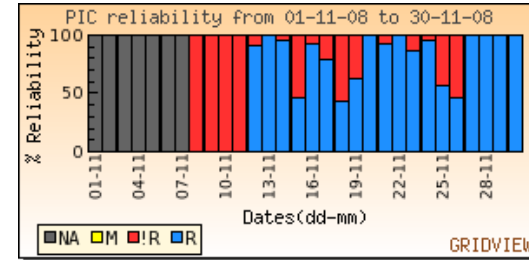
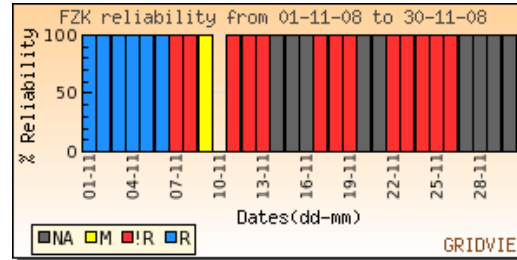
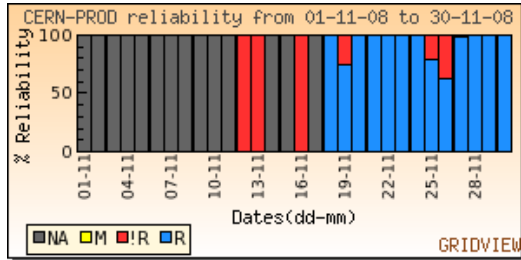
Reliability of WLCG Tier-1 Sites + CERN for LHCb

November 2008

Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %



UK-T1-RAL Rel: 94 %



Service Availability Data for WLCG Tier-1s + CERN for LHCb

November 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
02/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
03/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
04/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
05/11/2008	N/A	100 %	N/A	100 %	100 %	100 %	N/A	100 %
06/11/2008	N/A	100 %	N/A	15 %	4 %	100 %	N/A	12 %
07/11/2008	N/A	0 %	N/A	0 %	0 %	N/A	N/A	0 %
08/11/2008	N/A	0 %	0 %	0 %	0 %	N/A	N/A	0 %
09/11/2008	N/A	N/A	0 %	0 %	0 %	N/A	N/A	0 %
10/11/2008	N/A	N/A	0 %	0 %	0 %	N/A	N/A	0 %
11/11/2008	N/A	0 %	0 %	0 %	0 %	0 %	N/A	0 %
12/11/2008	0 %	0 %	91 %	80 %	0 %	100 %	100 %	41 %
13/11/2008	0 %	0 %	100 %	94 %	0 %	100 %	83 %	54 %
14/11/2008	N/A	N/A	96 %	100 %	0 %	100 %	100 %	79 %
15/11/2008	N/A	N/A	46 %	96 %	0 %	96 %	100 %	67 %
16/11/2008	0 %	N/A	91 %	87 %	0 %	100 %	100 %	72 %
17/11/2008	N/A	0 %	79 %	76 %	0 %	100 %	100 %	54 %
18/11/2008	100 %	0 %	44 %	79 %	56 %	N/A	95 %	67 %
19/11/2008	74 %	0 %	63 %	54 %	95 %	N/A	88 %	63 %
20/11/2008	100 %	N/A	100 %	17 %	33 %	N/A	100 %	68 %
21/11/2008	100 %	N/A	93 %	4 %	N/A	N/A	100 %	91 %
22/11/2008	100 %	0 %	100 %	0 %	N/A	0 %	100 %	77 %
23/11/2008	100 %	0 %	87 %	0 %	N/A	N/A	100 %	69 %
24/11/2008	100 %	0 %	96 %	22 %	100 %	N/A	99 %	71 %
25/11/2008	80 %	0 %	56 %	81 %	56 %	N/A	39 %	53 %
26/11/2008	63 %	0 %	46 %	49 %	0 %	N/A	49 %	40 %
27/11/2008	98 %	N/A	100 %	90 %	N/A	N/A	100 %	97 %
28/11/2008	100 %	N/A	100 %	73 %	N/A	N/A	100 %	93 %
29/11/2008	100 %	N/A	100 %	97 %	N/A	N/A	100 %	99 %
30/11/2008	100 %	N/A	100 %	92 %	N/A	N/A	100 %	98 %
Average	84 %	38 %	81 %	77 %	36 %	94 %	94 %	71 %

Average Reliability for all sites: **71 %**

Average Reliability for 8 best sites : **71 %**



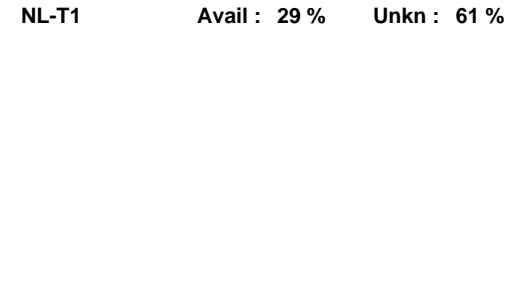
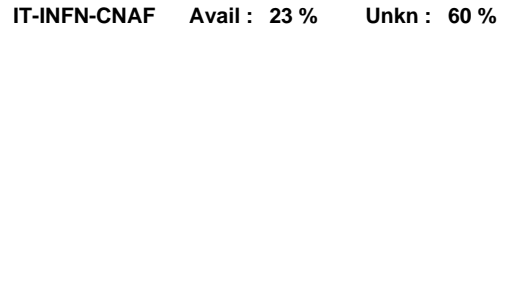
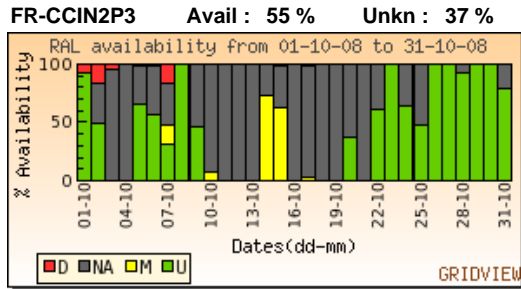
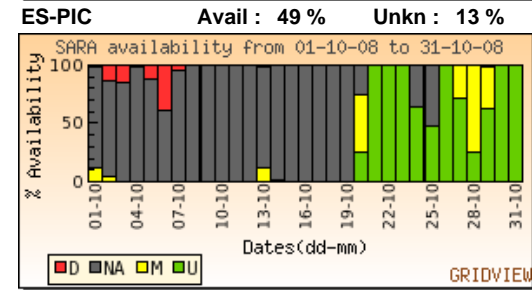
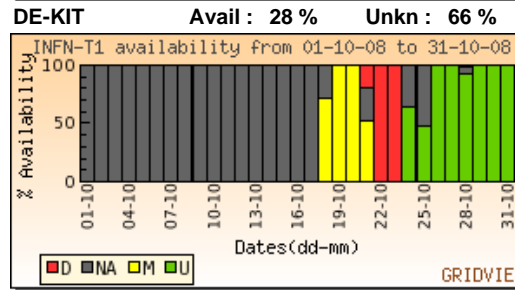
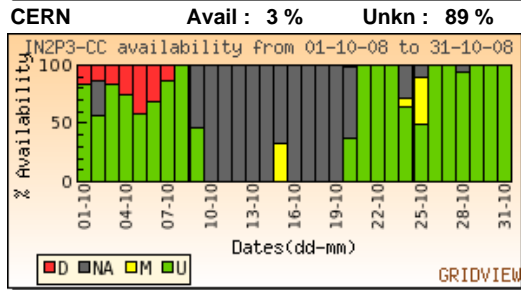
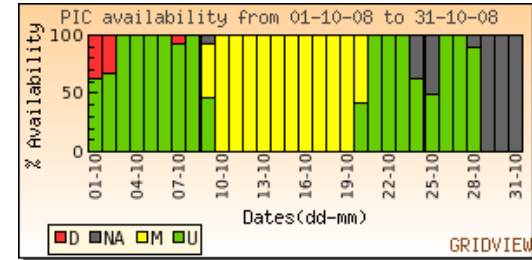
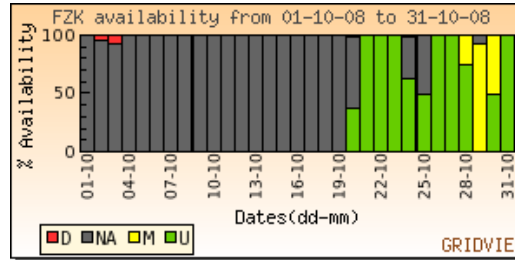
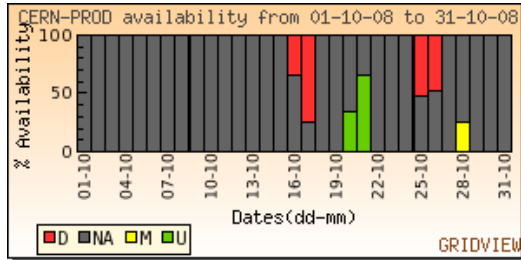
Availability of WLCG Tier-1 Sites + CERN for LHCb

October 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %



UK-T1-RAL Avail : 43 % Unkn : 50 %



Service Availability Data for WLCG Tier-1s + CERN for LHCb

October 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/10/2008	0	100	0	100	63	0	84	0	0	100	0	87	92	0	34	55
02/10/2008	0	100	0	96	67	0	57	30	0	100	0	83	49	35	25	63
03/10/2008	0	100	0	92	100	0	83	0	0	100	0	85	0	96	26	68
04/10/2008	0	100	0	100	100	0	75	0	0	100	0	99	0	100	25	71
05/10/2008	0	100	0	100	100	0	58	0	0	100	0	88	66	32	32	60
06/10/2008	0	100	0	100	100	0	68	0	0	100	0	61	57	42	32	58
07/10/2008	0	100	0	100	92	0	87	0	0	100	0	96	32	35	30	61
08/10/2008	0	100	0	100	100	0	100	0	0	100	0	100	100	0	43	57
09/10/2008	0	100	0	100	47	8	47	53	0	100	0	100	47	53	20	73
10/10/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	92	0	85
11/10/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	86
12/10/2008	0	100	0	100	0	0	0	100	0	100	0	100	0	100	0	86
13/10/2008	0	100	0	100	0	0	0	100	0	100	0	87	0	100	0	84
14/10/2008	0	100	0	100	0	0	0	100	0	100	0	99	0	27	0	75
15/10/2008	0	100	0	100	0	0	0	67	0	100	0	100	0	37	0	72
16/10/2008	0	66	0	100	0	0	0	100	0	100	0	100	0	100	0	81
17/10/2008	0	26	0	100	0	0	0	100	0	100	0	100	0	96	0	75
18/10/2008	0	100	0	100	0	0	0	100	0	29	0	100	0	100	0	76
19/10/2008	0	100	0	100	0	0	0	100	0	0	0	100	0	100	0	71
20/10/2008	35	65	37	62	42	0	37	62	0	0	25	25	37	63	30	40
21/10/2008	65	35	100	0	100	0	100	0	0	28	100	0	0	100	66	23
22/10/2008	0	100	100	0	100	0	100	0	0	0	100	0	61	39	66	20
23/10/2008	0	100	100	0	100	0	100	0	0	0	100	0	100	0	71	14
24/10/2008	0	100	63	36	63	37	64	28	64	36	64	36	64	36	55	44
25/10/2008	0	48	49	51	49	51	49	10	48	52	48	52	48	52	42	45
26/10/2008	0	52	100	0	100	0	100	0	100	0	100	0	100	0	86	7
27/10/2008	0	100	100	0	100	0	100	0	100	0	71	0	100	0	82	14
28/10/2008	0	75	74	0	89	11	94	6	93	6	25	0	93	7	67	15
29/10/2008	0	100	0	7	0	100	100	0	100	0	62	0	100	0	52	30
30/10/2008	0	100	50	0	0	100	100	0	100	0	100	0	100	0	64	29
31/10/2008	0	100	100	0	0	100	100	0	100	0	100	0	79	21	68	32
Average	3	89	28	66	49	13	55	37	23	60	29	61	43	50	33	54

Average Availability for all sites: 33 %

Average Availability for 8 best sites : 33 %



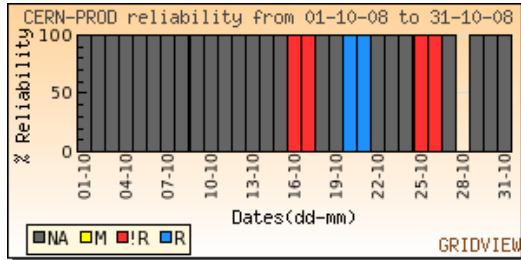
Reliability of WLCG Tier-1 Sites + CERN for LHCb

October 2008

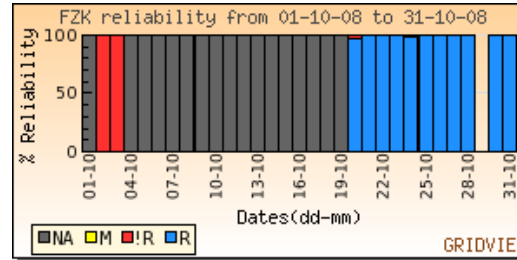
Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

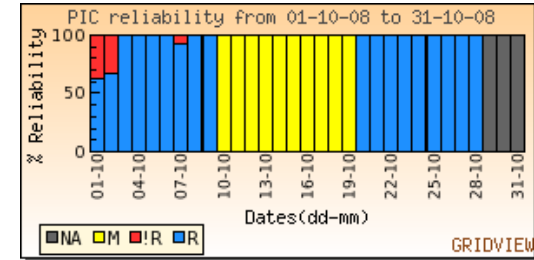
Target reliability for each site is 95% and Target for 8 best sites is 97%



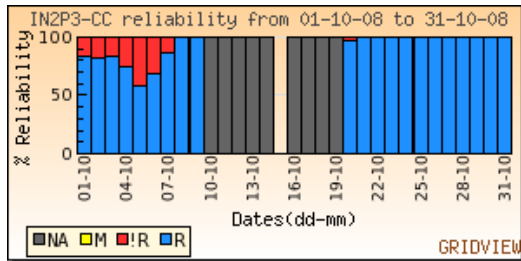
CERN Rel: 32%



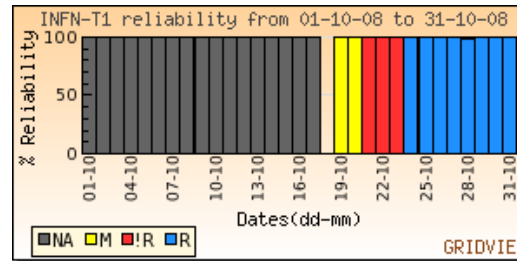
DE-KIT Rel: 98%



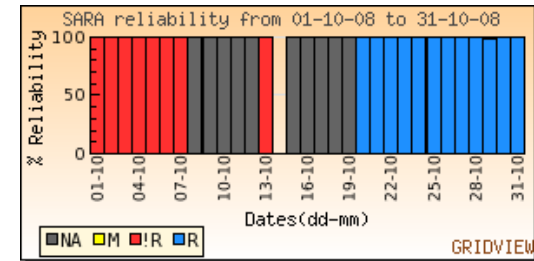
ES-PIC Rel: 95%



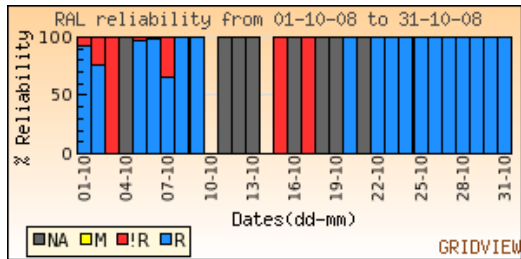
FR-CCIN2P3 Rel: 91%



IT-INFN-CNAF Rel: 76%



NL-T1 Rel: 91%



UK-T1-RAL Rel: 96%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

October 2008

Reliability = time_site_is_available / (total_time - time_site_is_scheduled_down)

Availability = time_site_is_available / total_time

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/10/2008	N/A	N/A	63 %	84 %	N/A	N/A	92 %	79 %
02/10/2008	N/A	0 %	67 %	82 %	N/A	0 %	76 %	69 %
03/10/2008	N/A	0 %	100 %	83 %	N/A	0 %	0 %	81 %
04/10/2008	N/A	N/A	100 %	75 %	N/A	0 %	N/A	87 %
05/10/2008	N/A	N/A	100 %	58 %	N/A	0 %	96 %	80 %
06/10/2008	N/A	N/A	100 %	68 %	N/A	0 %	98 %	76 %
07/10/2008	N/A	N/A	92 %	87 %	N/A	0 %	65 %	83 %
08/10/2008	N/A	N/A	100 %	100 %	N/A	N/A	100 %	100 %
09/10/2008	N/A	N/A	100 %	100 %	N/A	N/A	100 %	100 %
10/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/10/2008	0 %	N/A	N/A	N/A	N/A	N/A	N/A	0 %
17/10/2008	0 %	N/A	N/A	N/A	N/A	N/A	N/A	0 %
18/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19/10/2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20/10/2008	100 %	100 %	100 %	100 %	N/A	100 %	100 %	100 %
21/10/2008	100 %	100 %	100 %	100 %	0 %	100 %	N/A	96 %
22/10/2008	N/A	100 %	100 %	100 %	0 %	100 %	100 %	82 %
23/10/2008	N/A	100 %	100 %	100 %	0 %	100 %	100 %	83 %
24/10/2008	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %
25/10/2008	0 %	100 %	100 %	100 %	100 %	100 %	100 %	85 %
26/10/2008	0 %	100 %	100 %	100 %	100 %	100 %	100 %	93 %
27/10/2008	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %
28/10/2008	N/A	100 %	100 %	100 %	100 %	100 %	100 %	100 %
29/10/2008	N/A	N/A	N/A	100 %	100 %	100 %	100 %	100 %
30/10/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
31/10/2008	N/A	100 %	N/A	100 %	100 %	100 %	100 %	100 %
Average	32 %	98 %	95 %	91 %	76 %	91 %	96 %	90 %

Average Reliability for all sites: **88 %**

Average Reliability for 8 best sites : **88 %**



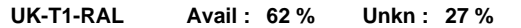
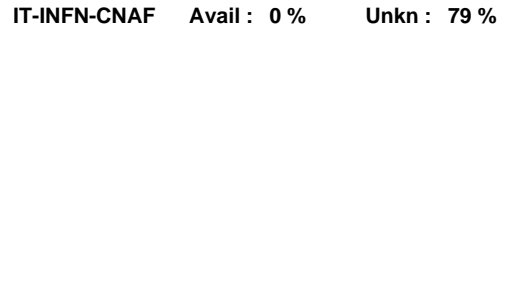
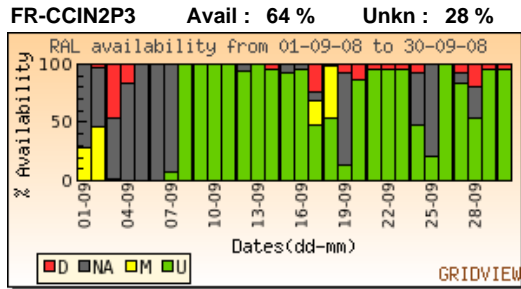
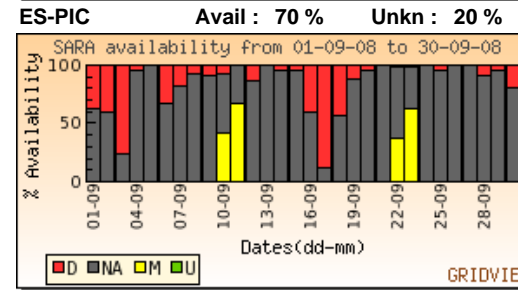
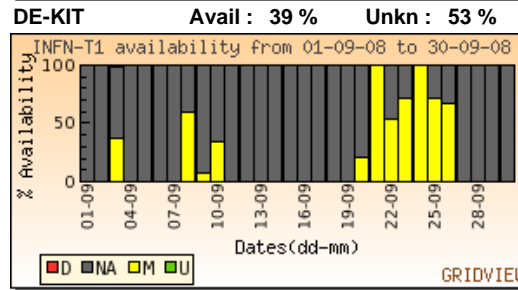
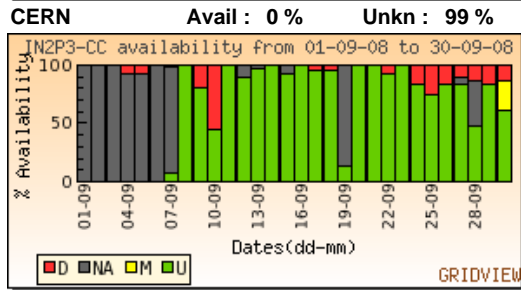
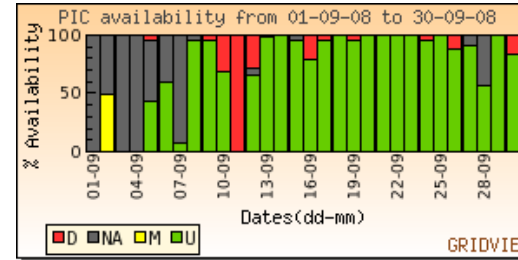
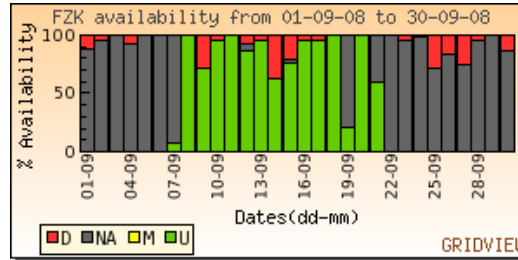
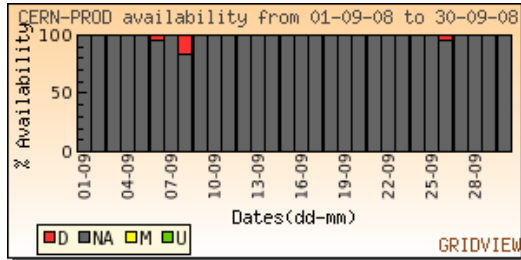
Availability of WLCG Tier-1 Sites + CERN for LHCb

September 2008

Data from SAM Monitoring.

Availability is calculated as $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %





Service Availability Data for WLCG Tier-1s + CERN for LHCb

September 2008

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Availability

Colour Coding Limits :

>= TARGET: 95 %

90% OF TARGET: 86 %

Unkn : Unknown

Date	CERN		DE-KIT		ES-PIC		FR-CCIN2P3		IT-INFN-CNAF		NL-T1		UK-T1-RAL		Average	
	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn	Avail	Unkn
01/09/2008	0	100	0	88	0	100	0	100	0	100	0	62	0	71	0	89
02/09/2008	0	100	0	96	0	50	0	100	0	100	0	59	0	51	0	79
03/09/2008	0	100	0	100	0	100	0	100	0	62	0	24	0	52	0	77
04/09/2008	0	100	0	92	0	100	0	92	0	100	0	96	0	84	0	95
05/09/2008	0	100	0	100	43	53	0	92	0	100	0	100	0	100	6	92
06/09/2008	0	96	0	100	60	40	0	100	0	100	0	67	0	100	9	86
07/09/2008	0	100	8	92	7	93	7	92	0	100	0	82	7	93	4	93
08/09/2008	0	83	100	0	96	4	100	0	0	41	0	92	100	0	57	31
09/09/2008	0	100	71	0	96	0	80	0	0	92	0	91	100	0	49	41
10/09/2008	0	100	96	0	68	0	45	0	0	65	0	50	100	0	44	31
11/09/2008	0	100	100	0	0	0	100	0	0	100	0	33	100	0	43	33
12/09/2008	0	100	87	5	66	5	89	11	0	100	0	87	94	6	48	45
13/09/2008	0	100	96	0	99	0	97	3	0	100	0	100	100	0	56	43
14/09/2008	0	100	62	0	100	0	100	0	0	100	0	96	96	0	51	42
15/09/2008	0	100	76	3	95	5	92	8	0	100	0	96	92	8	51	46
16/09/2008	0	100	96	0	79	0	100	0	0	100	0	59	96	4	53	38
17/09/2008	0	100	96	0	96	0	96	0	0	100	0	12	48	7	48	31
18/09/2008	0	100	100	0	100	0	95	1	0	100	0	57	53	1	50	37
19/09/2008	0	100	21	79	96	0	13	87	0	100	0	88	14	78	20	76
20/09/2008	0	100	100	0	100	0	100	0	0	79	0	96	87	0	55	39
21/09/2008	0	100	59	41	100	0	100	0	0	0	0	100	96	0	51	34
22/09/2008	0	100	0	100	100	0	92	0	0	46	0	62	96	0	41	44
23/09/2008	0	100	0	96	100	0	100	0	0	29	0	37	96	0	42	38
24/09/2008	0	100	0	99	96	0	83	0	0	0	0	100	48	44	32	49
25/09/2008	0	100	0	71	100	0	75	0	0	29	0	96	21	79	28	54
26/09/2008	0	96	0	84	88	0	83	0	0	33	0	100	100	0	39	45
27/09/2008	0	100	0	75	91	9	83	6	0	100	0	100	83	9	37	57
28/09/2008	0	100	0	96	56	44	48	38	0	100	0	91	54	27	23	71
29/09/2008	0	100	0	100	100	0	83	0	0	100	0	96	95	0	40	57
30/09/2008	0	100	0	87	83	0	61	1	0	100	0	80	96	0	34	53
Average	0	99	39	53	70	20	64	28	0	79	0	77	62	27	34	55

Average Availability for all sites: 34 %

Average Availability for 8 best sites : 34 %



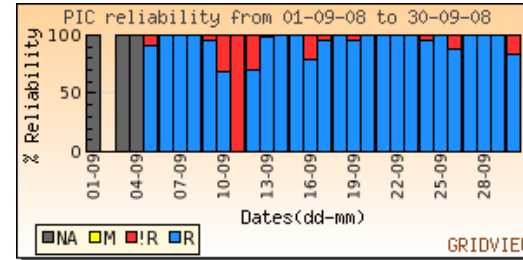
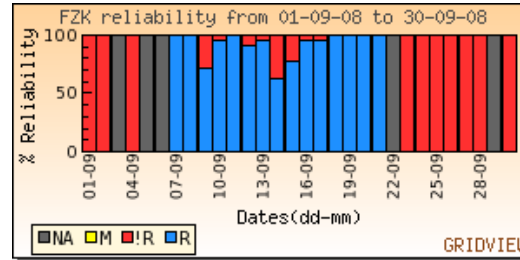
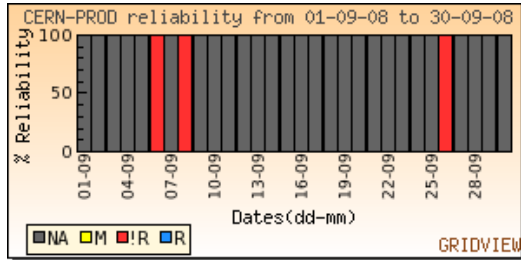
Reliability of WLCG Tier-1 Sites + CERN for LHCb

September 2008

Data from SAM Monitoring.

Reliability is calculated as $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

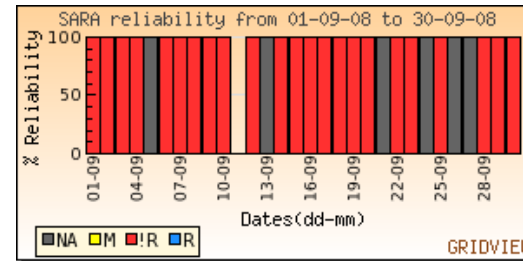
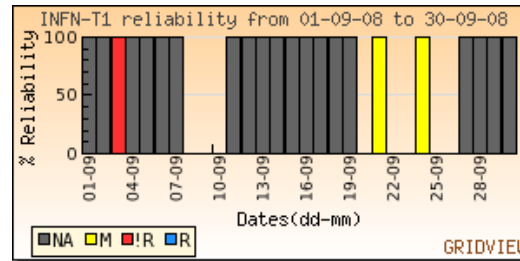
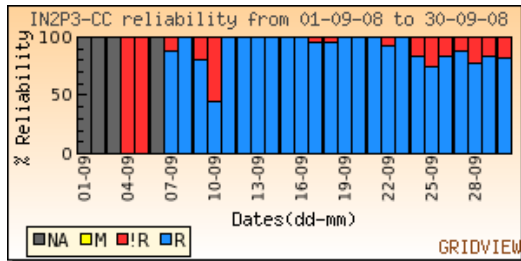
Target reliability for each site is 95% and Target for 8 best sites is 97%



CERN Rel: 0%

DE-KIT Rel: 84%

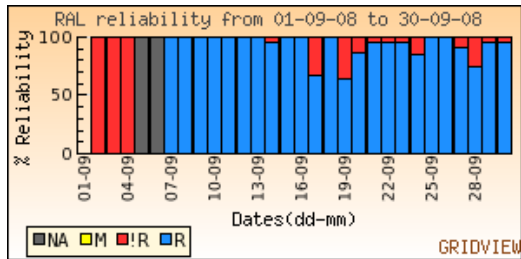
ES-PIC Rel: 90%



FR-CCIN2P3 Rel: 90%

IT-INFN-CNAF Rel: 0%

NL-T1 Rel: 0%



UK-T1-RAL Rel: 92%



Service Availability Data for WLCG Tier-1s + CERN for LHCb

September 2008

Reliability = $\text{time_site_is_available} / (\text{total_time} - \text{time_site_is_scheduled_down})$

Availability = $\text{time_site_is_available} / \text{total_time}$

Target reliability for each site is 95 % and Target for 8 best sites is 97 %

Reliability

Colour Coding Limits : **>= TARGET: 95 %**

90% OF TARGET: 86 %

Date	CERN	DE-KIT	ES-PIC	FR-CCIN2P3	IT-INFN-CNAF	NL-T1	UK-T1-RAL	Average Reliability
01/09/2008	N/A	0 %	N/A	N/A	N/A	0 %	N/A	0 %
02/09/2008	N/A	0 %	N/A	N/A	N/A	0 %	0 %	0 %
03/09/2008	N/A	N/A	N/A	N/A	N/A	0 %	0 %	0 %
04/09/2008	N/A	0 %	N/A	0 %	N/A	0 %	0 %	0 %
05/09/2008	N/A	N/A	91 %	0 %	N/A	N/A	N/A	77 %
06/09/2008	0 %	N/A	100 %	N/A	N/A	0 %	N/A	61 %
07/09/2008	N/A	98 %	100 %	100 %	N/A	0 %	100 %	62 %
08/09/2008	0 %	100 %	100 %	100 %	N/A	0 %	100 %	94 %
09/09/2008	N/A	71 %	96 %	80 %	N/A	0 %	100 %	85 %
10/09/2008	N/A	96 %	68 %	45 %	N/A	0 %	100 %	76 %
11/09/2008	N/A	100 %	0 %	100 %	N/A	N/A	100 %	75 %
12/09/2008	N/A	91 %	69 %	100 %	N/A	0 %	100 %	87 %
13/09/2008	N/A	96 %	99 %	100 %	N/A	N/A	100 %	99 %
14/09/2008	N/A	62 %	100 %	100 %	N/A	0 %	96 %	88 %
15/09/2008	N/A	78 %	100 %	100 %	N/A	0 %	100 %	93 %
16/09/2008	N/A	96 %	79 %	100 %	N/A	0 %	100 %	85 %
17/09/2008	N/A	96 %	96 %	96 %	N/A	0 %	66 %	73 %
18/09/2008	N/A	100 %	100 %	96 %	N/A	0 %	100 %	88 %
19/09/2008	N/A	100 %	96 %	100 %	N/A	0 %	61 %	85 %
20/09/2008	N/A	100 %	100 %	100 %	N/A	0 %	87 %	96 %
21/09/2008	N/A	100 %	100 %	100 %	N/A	N/A	96 %	99 %
22/09/2008	N/A	N/A	100 %	92 %	N/A	N/A	96 %	96 %
23/09/2008	N/A	0 %	100 %	100 %	N/A	N/A	96 %	97 %
24/09/2008	N/A	0 %	96 %	83 %	N/A	N/A	86 %	88 %
25/09/2008	N/A	0 %	100 %	75 %	N/A	0 %	100 %	77 %
26/09/2008	0 %	0 %	88 %	83 %	N/A	N/A	100 %	85 %
27/09/2008	N/A	0 %	100 %	88 %	N/A	N/A	91 %	85 %
28/09/2008	N/A	0 %	100 %	78 %	N/A	0 %	74 %	78 %
29/09/2008	N/A	N/A	100 %	83 %	N/A	0 %	95 %	91 %
30/09/2008	N/A	0 %	83 %	82 %	N/A	0 %	96 %	78 %
Average	0 %	84 %	90 %	90 %	N/A	0 %	92 %	84 %

Average Reliability for all sites: **84 %**

Average Reliability for 8 best sites : **84 %**