



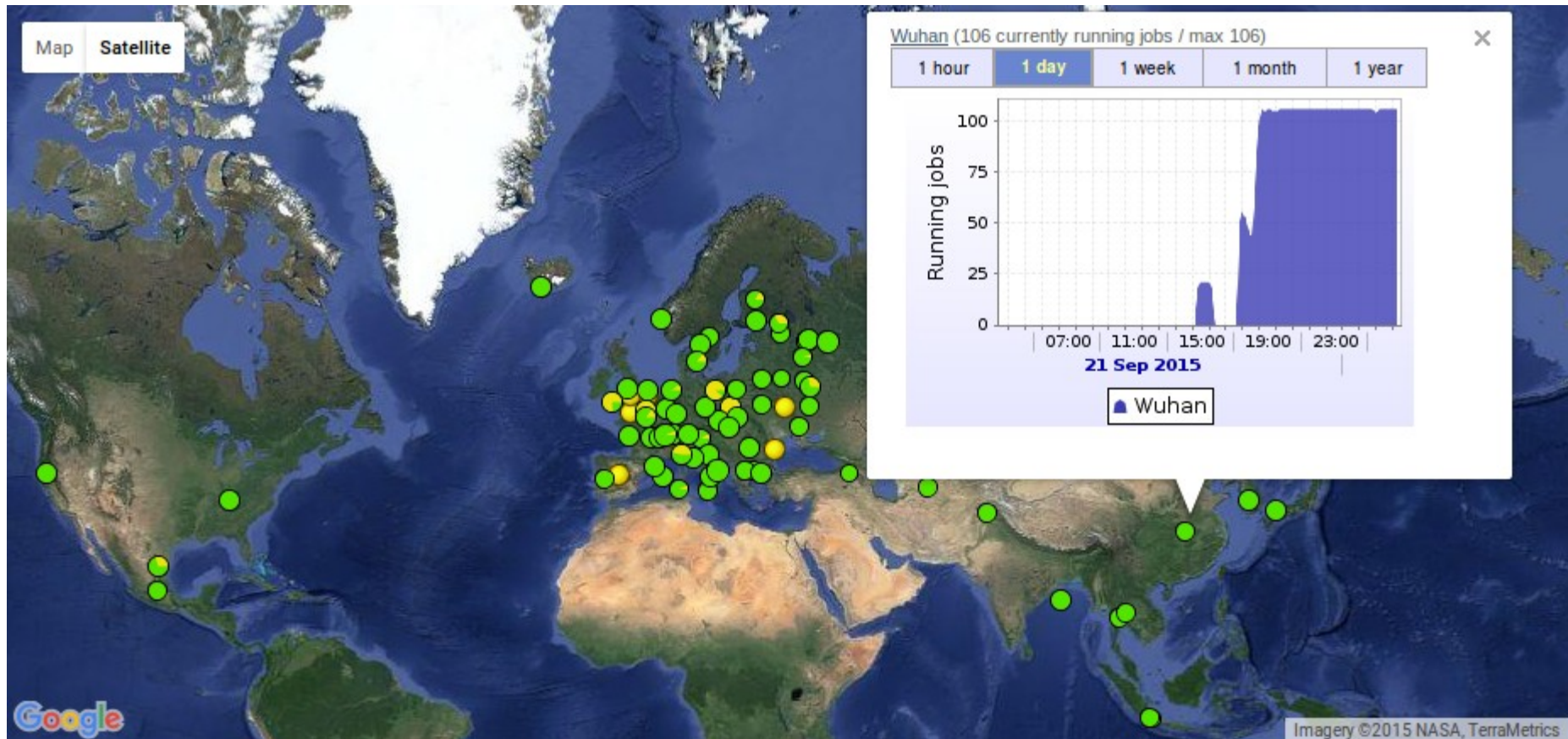
# Wuhan Site Report

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# Wuhan Site in MonALISA

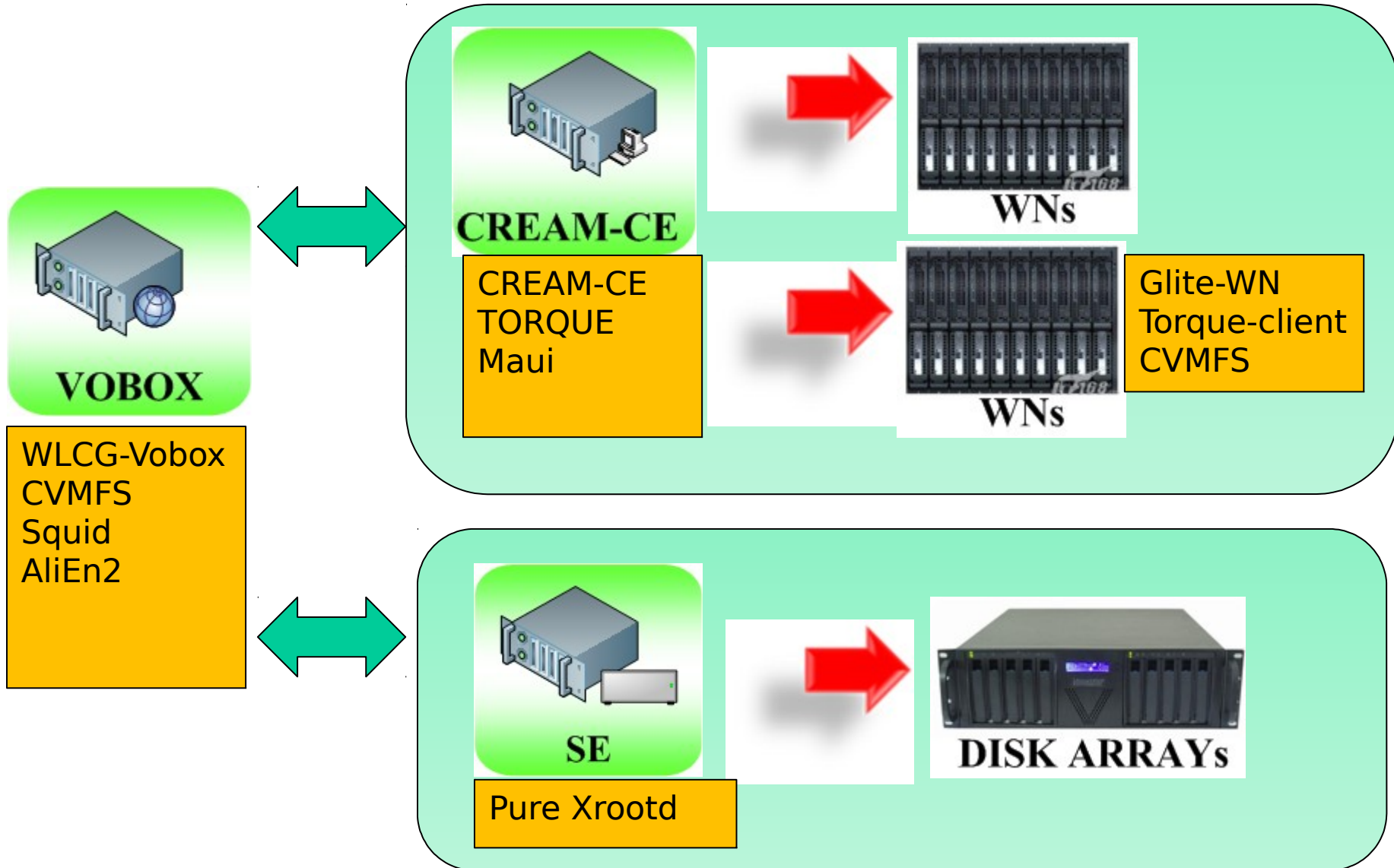


Many Thanks to CERN and ALICE Collaboration for the excellent work!

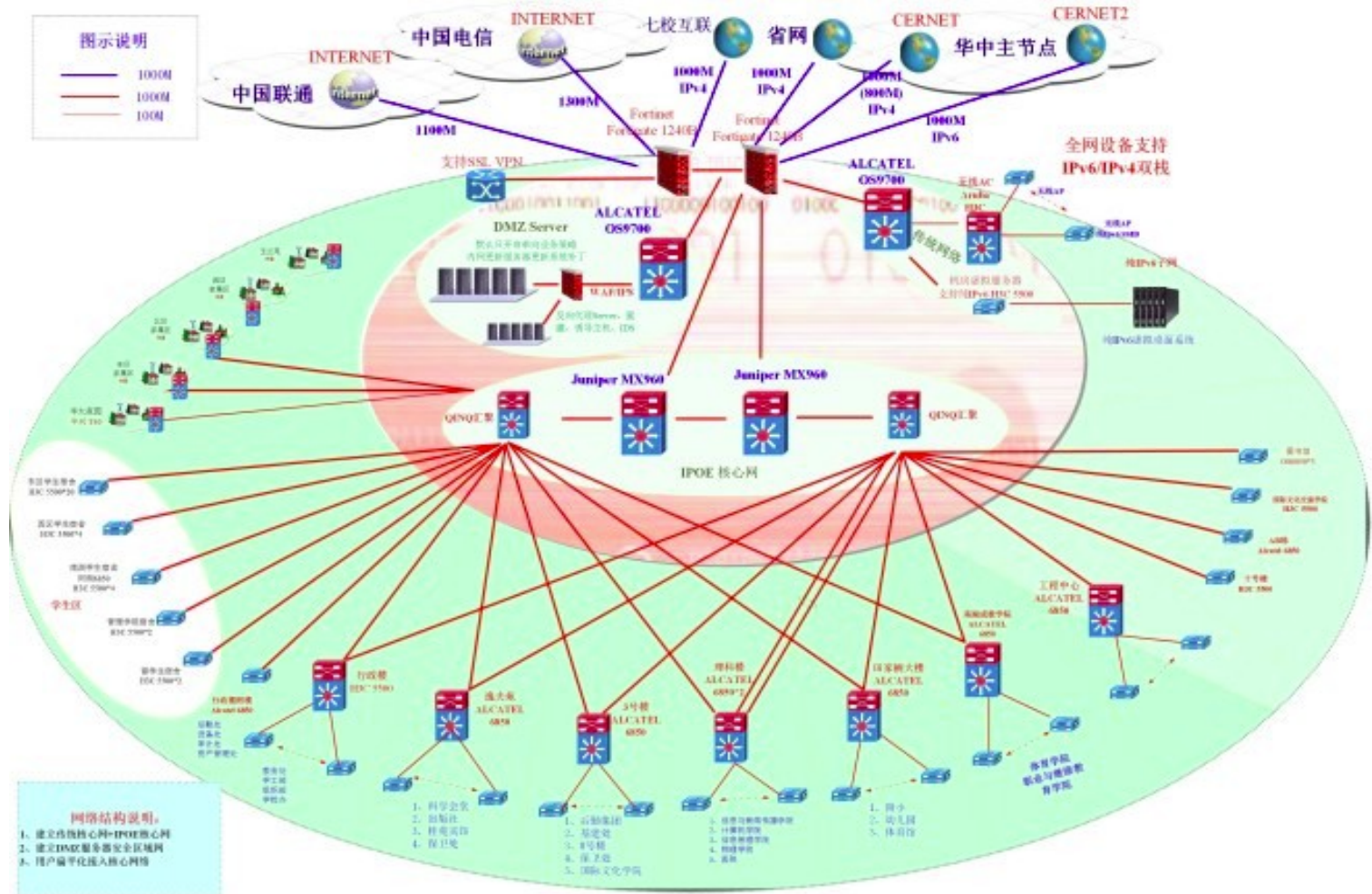
# Hardware Resources

- (1) WLCG-Vobox: 8 cores, 16G memory size, 120 G disk space
- (2) CE: 8 cores, 16G memory size, 120 G disk space
- (3) SE: ThinkServer RD530, 80TB, 12 cores, 50G memory size
- (4) 10 Worker nodes: total 240 cores, each node 50G memory size, 280G disk space

# Softwares Deployment at Wuhan

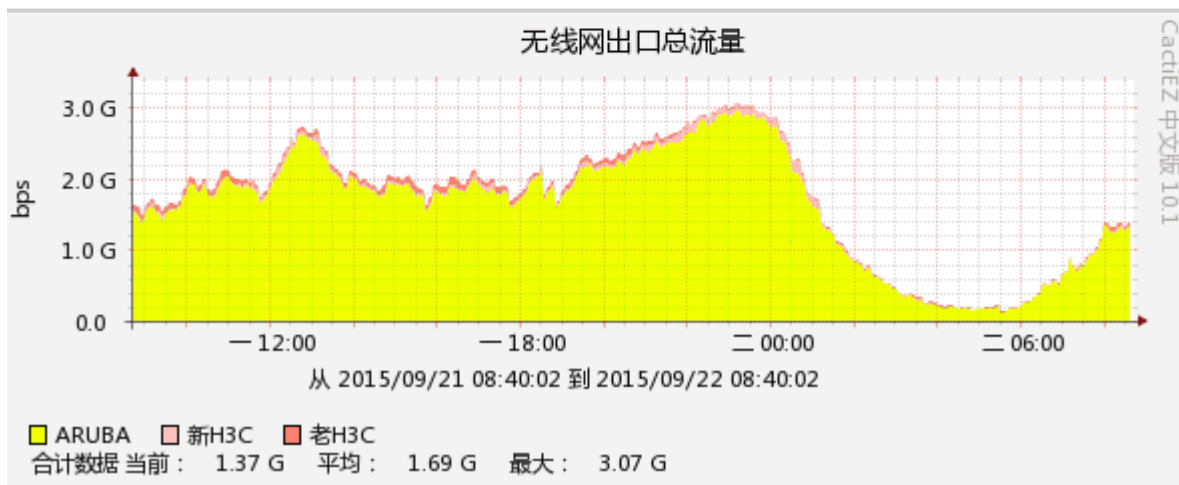
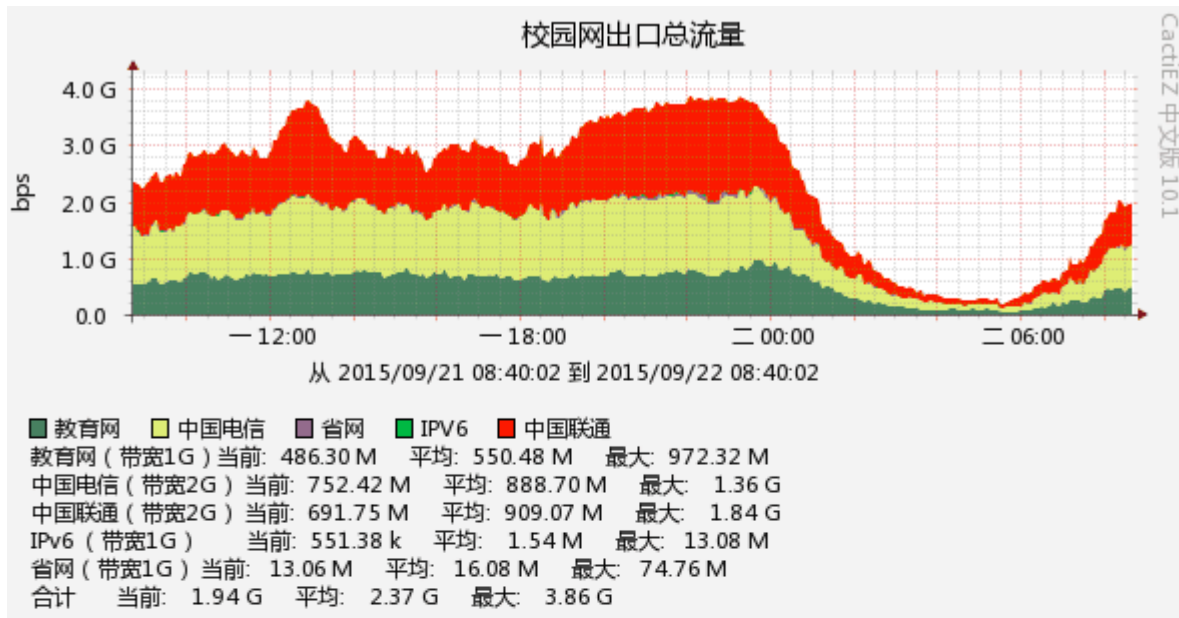


# Network Topology of CCNU

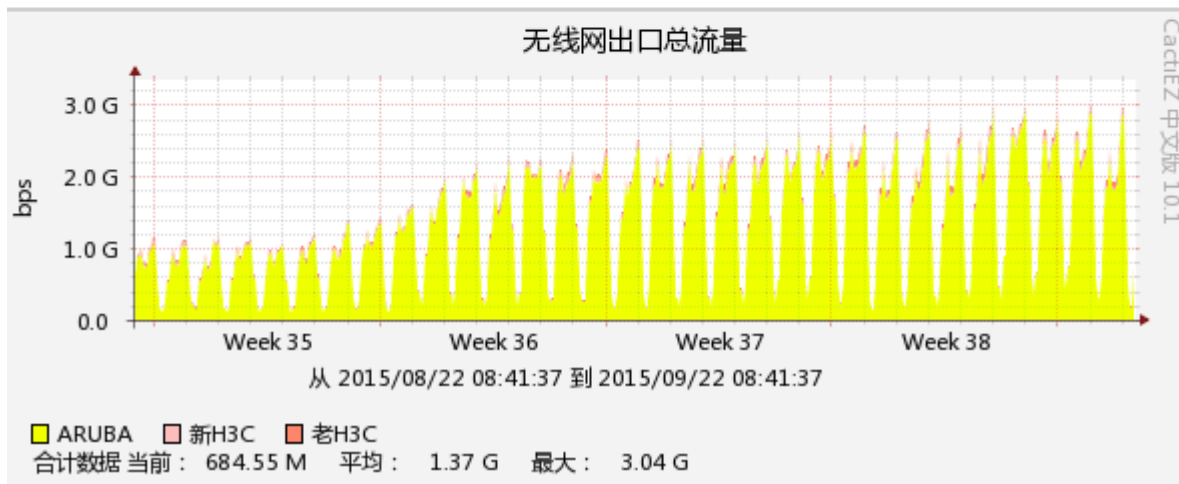
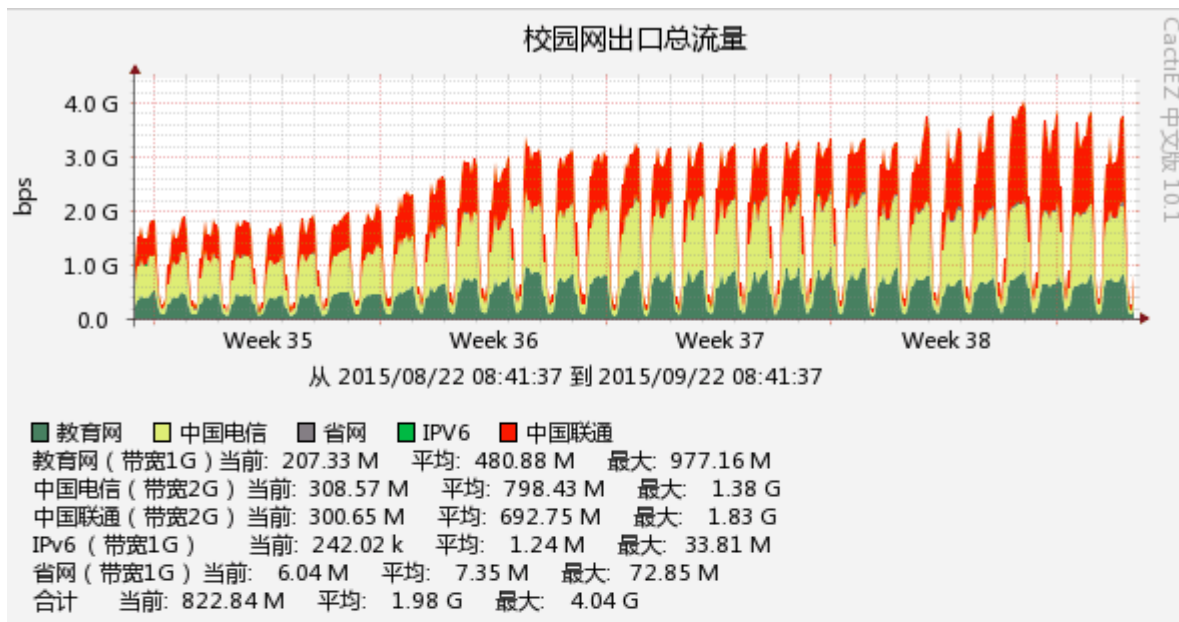


华中师范大学校园网网络拓扑图

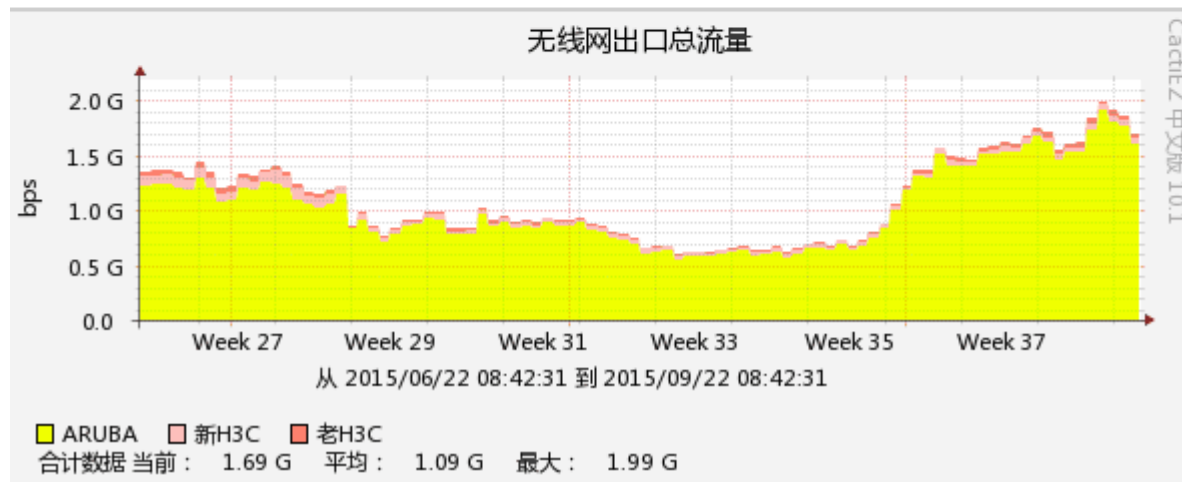
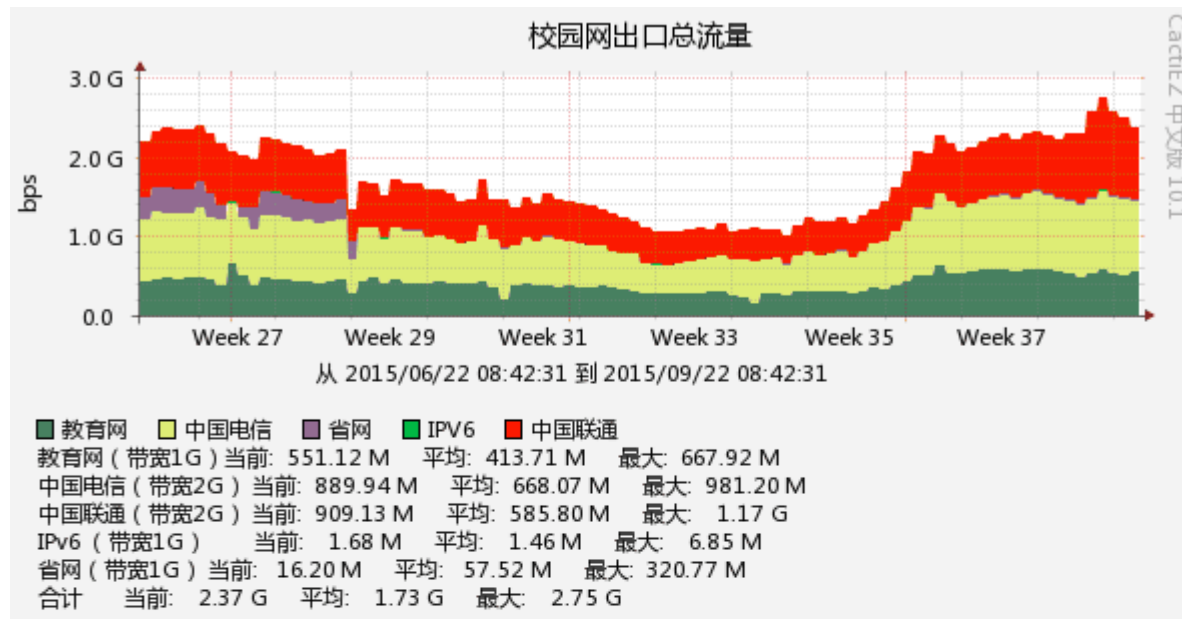
# Network Traffic Statistics of one day in CCNU



# Network Traffic Statistics of one month in CCNU



# Network Traffic Statistics of 3 months in CCNU





## Wuhan

Chart view »

## IN from

No.	ID	Site	Speed (Mbps)	Hops	RTT (ms)	Streams
1.	1254138	GSI-SGE	58.72			1
2.	1254190	NERSC	58.61			1
3.	1610123	KISTI-CREAM	16.78			1
4.	917325	UCT_CERN_RC	10.24	27	474.07	1
5.	1610208	RAL	8.38			1
6.	664669	GSI-SCLAB	3.60			1
7.	633953	Dortmund	3.07			1
8.	2282833	Altaria				1
9.	2282134	Athens				1
10.	2282550	Bandung				1
11.	2282433	Bari				1
12.	2282389	Birmingham				1
13.	2282547	BITP				1
14.	2282617	BITP_ARC				1
15.	1610529	Bologna				1
16.	2282108	Bratislava				1
17.	2282797	Cagliari				1
18.	2282699	Catania				1
19.	2282501	Catania-VF				1
20.	2282038	CCIN2P3				1
21.	2282285	CERN-AURORA				1
22.	2282800	CERN-TRITON				1
23.	2282609	CERN-ZENITH				1
24.	2285378	Cibinong				1
25.	2282017	Clermont				1
26.	2282791	CNAF				1
27.	2282377	COMSATS				1
28.	2281901	CSC				1
29.	2282390	Cyfronet				1

## OUT to

No.	ID	Site	Speed (Mbps)	Hops	RTT (ms)	Streams
1.	2282010	KISTI_GSDC	486.57	16	92.95	1
2.	1609868	Bologna	100.67	23	222.94	1
3.	2282172	GSI	100.67			1
4.	1610333	KISTI-CREAM	100.67	20	78.20	1
5.	2282267	Poznan	92.28			1
6.	2282862	SARA	92.28	20	288.40	1
7.	2282910	Birmingham	83.89			1
8.	2282213	SUT	83.89	19	123.86	1
9.	2282169	Catania-VF	67.11	26	360.94	1
10.	2281995	ISS	67.11			1
11.	2283174	Prague	67.11	23	390.80	1
12.	2281966	SNIC	67.11	29	373.07	1
13.	2282851	TriGrid_Catania	67.11	22	614.93	1
14.	2283020	GRIF_IPNO	50.33			1
15.	2282229	Kosice	50.33			1
16.	2269993	LLNL	50.33	17	179.92	1
17.	1610931	RAL	50.33			1
18.	2283277	Grenoble	41.95			1
19.	2282818	GRIF_IRFU	41.95	23	400.29	1
20.	2283071	Kolkata-CREAM	41.95	24	422.44	1
21.	2282925	Oxford	41.95	22	224.65	1
22.	2282164	UNAM	41.95	22	345.29	1
23.	2282110	UNAM_T1	41.95	19	332.29	1
24.	2282453	BITP_ARC	33.56	26	357.46	1
25.	2282197	Cagliari	33.56	21	323.63	1
26.	2282619	Catania	33.56	22	356.50	1
27.	2282602	HIP	33.56	27	407.77	1
28.	2281796	CNAF	25.17	22	384.54	1
29.	2282220	COMSATS	25.17	21	326.91	1

# Future Plan

- ▮ Increase the hardwares
- ▮ Improve the connectivities among Asian tier sites
- ▮ Enhance the corporations among Asian tier sites
- ▮ Need suggestion and help about the grow up of the Wuhan site



**Thank you for your attention!**

**감사합니다!**

**Jianlin Zhu**

**CCNU  
SCUEC**