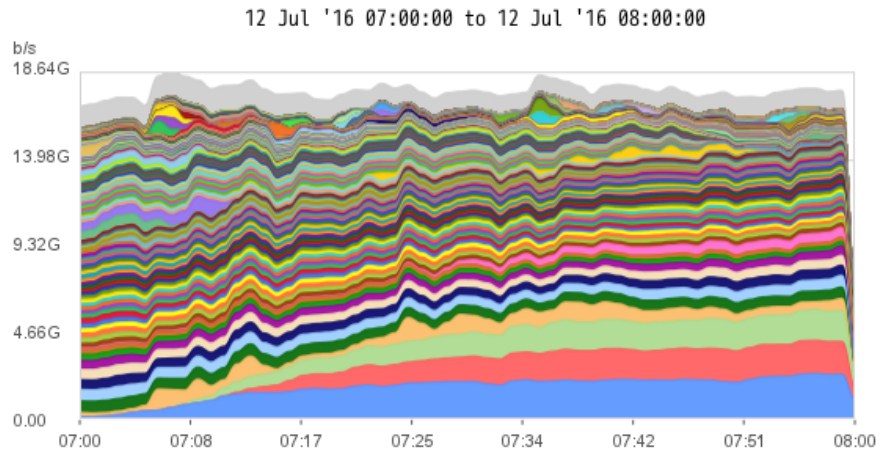
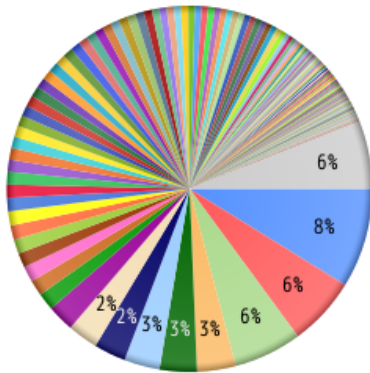


## Top Talkers with Applications



	Application IP	Application Port	Bandwidth	Packets
	transfer-5.ultralight.org	rootd	5.51 Tb	0.00
	transfer-2.ultralight.org	sunclustermgr	3.82 Tb	0.00
	transfer-4.ultralight.org	sunclustermgr	3.77 Tb	0.00
	atlaswww.hep.anl.gov	http	2.16 Tb	0.00
	cmsio9.rc.ufl.edu	rootd	2.08 Tb	0.00
	cmsio10.rc.ufl.edu	rootd	2.00 Tb	0.00
	cmsio6.rc.ufl.edu	rootd	1.78 Tb	0.00
	cmsio7.rc.ufl.edu	rootd	1.71 Tb	0.00
	cmsio8.rc.ufl.edu	rootd	1.50 Tb	0.00
	cms-f001.rcac.purdue.edu	rootd	965.92 Gb	0.00
	cms-c007.rcac.purdue.edu	rootd	884.82 Gb	0.00
	transfer-1.ultralight.org	cnrprotocol	864.81 Gb	0.00
	cms-g004.rcac.purdue.edu	rootd	810.42 Gb	0.00
	cms-f002.rcac.purdue.edu	rootd	803.46 Gb	0.00
	cms-b004.rcac.purdue.edu	rootd	800.27 Gb	0.00
	cms-c002.rcac.purdue.edu	rootd	792.23 Gb	0.00
	cms-c005.rcac.purdue.edu	rootd	757.59 Gb	0.00
	cms-f003.rcac.purdue.edu	rootd	729.93 Gb	0.00
	cms-b003.rcac.purdue.edu	rootd	716.50 Gb	0.00
	cms-c006.rcac.purdue.edu	rootd	671.59 Gb	0.00
	cms-b010.rcac.purdue.edu	rootd	662.91 Gb	0.00
	cms-c000.rcac.purdue.edu	rootd	630.69 Gb	0.00
	cms-c003.rcac.purdue.edu	rootd	629.02 Gb	0.00
	cms-c009.rcac.purdue.edu	rootd	603.83 Gb	0.00
	cms-g002.rcac.purdue.edu	rootd	602.29 Gb	0.00
	cms-f000.rcac.purdue.edu	rootd	598.69 Gb	0.00
	cms-b006.rcac.purdue.edu	rootd	591.66 Gb	0.00
	cms-g001.rcac.purdue.edu	rootd	572.23 Gb	0.00
	cms-b011.rcac.purdue.edu	rootd	562.05 Gb	0.00
	cms-b005.rcac.purdue.edu	rootd	558.88 Gb	0.00
	cms-c001.rcac.purdue.edu	rootd	558.04 Gb	0.00
	cms-b008.rcac.purdue.edu	rootd	555.94 Gb	0.00
	cms-b007.rcac.purdue.edu	rootd	545.07 Gb	0.00
	cms-b000.rcac.purdue.edu	rootd	525.16 Gb	0.00
	cms-c008.rcac.purdue.edu	rootd	513.91 Gb	0.00
	cms-g003.rcac.purdue.edu	rootd	508.77 Gb	0.00
	cms-b012.rcac.purdue.edu	rootd	494.30 Gb	0.00

## Top Talkers with Applications (cont.)

	Application IP	Application Port	Bandwidth	Packets
	transfer-5.ultralight.org	cnrprotocol	490.53 Gb	0.00
	xrootd13.cmsaf.mit.edu	rootd	489.82 Gb	0.00
	cms-b009.rcac.purdue.edu	rootd	483.30 Gb	0.00
	cms-c004.rcac.purdue.edu	rootd	481.91 Gb	0.00
	cms-b002.rcac.purdue.edu	rootd	450.54 Gb	0.00
	transfer-4.ultralight.org	rootd	429.17 Gb	0.00
	transfer-2.ultralight.org	nicelink	419.56 Gb	0.00
	xrootd2.cmsaf.mit.edu	rootd	411.71 Gb	0.00
	xrootd12.cmsaf.mit.edu	rootd	399.92 Gb	0.00
	httpvipinside.sec.bnl.local	ndl-aas	395.70 Gb	0.00
	xrootd18.cmsaf.mit.edu	rootd	371.98 Gb	0.00
	cms-g000.rcac.purdue.edu	rootd	370.81 Gb	0.00
	xrootd4.cmsaf.mit.edu	rootd	369.83 Gb	0.00
	xrootd3.cmsaf.mit.edu	rootd	364.89 Gb	0.00
	xrootd16.cmsaf.mit.edu	rootd	356.13 Gb	0.00
	xrootd14.cmsaf.mit.edu	rootd	344.23 Gb	0.00
	xrootd7.cmsaf.mit.edu	rootd	340.86 Gb	0.00
	xrootd5.cmsaf.mit.edu	rootd	338.94 Gb	0.00
	xrootd15.cmsaf.mit.edu	rootd	337.44 Gb	0.00
	xrootd1.cmsaf.mit.edu	rootd	334.22 Gb	0.00
	cmssrv244.fnal.gov	ndl-aas	333.39 Gb	0.00
	xrootd6.cmsaf.mit.edu	rootd	330.63 Gb	0.00
	xrootd8.cmsaf.mit.edu	rootd	311.58 Gb	0.00
	xrootd17.cmsaf.mit.edu	rootd	308.94 Gb	0.00
	xrootd11.cmsaf.mit.edu	rootd	302.88 Gb	0.00
	xrootd9.cmsaf.mit.edu	rootd	294.24 Gb	0.00
	xrootd10.cmsaf.mit.edu	rootd	289.77 Gb	0.00
	transfer-1.ultralight.org	rootd	260.21 Gb	0.00
	heplnx228.pp.rl.ac.uk	rootd	222.70 Gb	0.00
	ce04.cmsaf.mit.edu	9615	213.07 Gb	0.00
	cmssrv245.fnal.gov	ndl-aas	190.61 Gb	0.00
	cmsstor468.fnal.gov	34317	165.07 Gb	0.00
	transfer-1.ultralight.org	nicelink	164.11 Gb	0.00
	transfer-4.ultralight.org	cnrprotocol	161.06 Gb	0.00
	cmsstor465.fnal.gov	19034	156.28 Gb	0.00
	spstrg15.sprace.org.br	22583	137.20 Gb	0.00
	red-gridftp8.unl.edu	rootd	122.77 Gb	0.00
	red-gridftp6.unl.edu	rootd	121.89 Gb	0.00
	red-gridftp9.unl.edu	rootd	111.53 Gb	0.00
	uct2-s21.mwt2.org	33135	107.99 Gb	0.00
	heplnx229.pp.rl.ac.uk	rootd	105.23 Gb	0.00
	transfer-5.ultralight.org	nicelink	103.70 Gb	0.00
	cmsstor412.fnal.gov	31742	103.44 Gb	0.00
	red-gridftp2.unl.edu	rootd	91.73 Gb	0.00
	cmsstor433.fnal.gov	26836	91.46 Gb	0.00
	red-gridftp4.unl.edu	rootd	90.94 Gb	0.00
	red-gridftp12.unl.edu	rootd	90.41 Gb	0.00
	red-gridftp3.unl.edu	rootd	89.15 Gb	0.00
	uct2-s20.mwt2.org	33122	89.08 Gb	0.00
	uct2-s12.mwt2.org	33121	87.26 Gb	0.00
	cmsstor438.fnal.gov	15723	86.77 Gb	0.00

## Top Talkers with Applications (cont.)

	Application IP	Application Port	Bandwidth	Packets
	red-gridftp7.unl.edu	rootd	85.41 Gb	0.00
	red-gridftp5.unl.edu	rootd	82.07 Gb	0.00
	cmsstor470.fnal.gov	34099	82.04 Gb	0.00
	red-gridftp1.unl.edu	rootd	81.83 Gb	0.00
	cmsstor386.fnal.gov	30074	77.91 Gb	0.00
	red-gridftp10.unl.edu	rootd	77.66 Gb	0.00
	cmsstor463.fnal.gov	30273	76.92 Gb	0.00
	uct2-s22.mwt2.org	33141	76.09 Gb	0.00
	cmsstor436.fnal.gov	27507	72.72 Gb	0.00
	uct2-s13.mwt2.org	33139	71.59 Gb	0.00
	acas1666.usatlas.bnl.gov	32995	69.08 Gb	0.00
	login01.osgconnect.mwt2.org	19709	69.08 Gb	0.00
	acas1947.usatlas.bnl.gov	48254	69.08 Gb	0.00
	login01.osgconnect.mwt2.org	42516	69.07 Gb	0.00
	login01.osgconnect.mwt2.org	50205	68.79 Gb	0.00
	login01.osgconnect.mwt2.org	30129	68.68 Gb	0.00
	cmsstor439.fnal.gov	18578	46.09 Gb	0.00
	cmsstor410.fnal.gov	29188	45.56 Gb	0.00
	cmsstor395.fnal.gov	19825	44.44 Gb	0.00
	cmsstor428.fnal.gov	16003	43.52 Gb	0.00
	cmsstor406.fnal.gov	25719	42.28 Gb	0.00
	cmsstor423.fnal.gov	28902	42.22 Gb	0.00
	uct2-s5.mwt2.org	33140	39.72 Gb	0.00
	cmsstor444.fnal.gov	25798	39.35 Gb	0.00
	cmsstor416.fnal.gov	27210	38.38 Gb	0.00
	cmsstor468.fnal.gov	29656	36.34 Gb	0.00
	cmsstor397.fnal.gov	19560	36.33 Gb	0.00
	cmsstor373.fnal.gov	33715	34.79 Gb	0.00
	login01.osgconnect.mwt2.org	45412	34.78 Gb	0.00
	login01.osgconnect.mwt2.org	32990	34.74 Gb	0.00
	login01.osgconnect.mwt2.org	40117	34.55 Gb	0.00
	login01.osgconnect.mwt2.org	23542	34.55 Gb	0.00
	login01.osgconnect.mwt2.org	24632	34.54 Gb	0.00
	acas1666.usatlas.bnl.gov	41208	34.54 Gb	0.00
	acas1391.usatlas.bnl.gov	35108	34.54 Gb	0.00
	login01.osgconnect.mwt2.org	52609	34.53 Gb	0.00
	acas1318.usatlas.bnl.gov	38271	34.53 Gb	0.00
	login01.osgconnect.mwt2.org	60167	34.53 Gb	0.00
	acas1629.usatlas.bnl.gov	43070	34.48 Gb	0.00
	login01.osgconnect.mwt2.org	15922	34.40 Gb	0.00
	login01.osgconnect.mwt2.org	38955	34.37 Gb	0.00
	login01.osgconnect.mwt2.org	32476	34.37 Gb	0.00
	login01.osgconnect.mwt2.org	profinet-cm	34.37 Gb	0.00
	login01.osgconnect.mwt2.org	19742	34.36 Gb	0.00
	login01.osgconnect.mwt2.org	36243	34.36 Gb	0.00
	login01.osgconnect.mwt2.org	44289	34.34 Gb	0.00
	login01.osgconnect.mwt2.org	17898	34.33 Gb	0.00
	login01.osgconnect.mwt2.org	41844	34.33 Gb	0.00
	acas1901.usatlas.bnl.gov	42786	34.28 Gb	0.00
	login01.osgconnect.mwt2.org	54196	33.98 Gb	0.00
	acas0841.usatlas.bnl.gov	39906	33.81 Gb	0.00

## Top Talkers with Applications (cont.)

	Application IP	Application Port	Bandwidth	Packets
	acas1335.usatlas.bnl.gov	39740	33.78 Gb	0.00
	cmsstor441.fnal.gov	31052	33.47 Gb	0.00
	login01.osgconnect.mwt2.org	12487	32.41 Gb	0.00
	login01.osgconnect.mwt2.org	19108	32.39 Gb	0.00
	cmsstor409.fnal.gov	33686	31.78 Gb	0.00
	aipanda078.cern.ch	25443	31.19 Gb	0.00
	cmsstor455.fnal.gov	32805	30.74 Gb	0.00
	cmsstor429.fnal.gov	15915	30.04 Gb	0.00
	uct2-s17.mwt2.org	33130	29.56 Gb	0.00
	spstrg15.sprace.org.br	23850	28.50 Gb	0.00
	cmsstor435.fnal.gov	22860	25.57 Gb	0.00
	cmsstor446.fnal.gov	30557	24.92 Gb	0.00
	cmsstor463.fnal.gov	33432	24.73 Gb	0.00
	cmsstor425.fnal.gov	17234	23.24 Gb	0.00
	cmsstor421.fnal.gov	25072	22.44 Gb	0.00
	cmsstor441.fnal.gov	30469	21.63 Gb	0.00
	cmsstor440.fnal.gov	17689	19.95 Gb	0.00
	cmsstor396.fnal.gov	15682	19.61 Gb	0.00
	cmsstor405.fnal.gov	31736	18.88 Gb	0.00
	cmsstor458.fnal.gov	p-net-remote	16.38 Gb	0.00
	transfer-5.ultralight.org	sunclustermgr	15.26 Gb	0.00
	cmsstor442.fnal.gov	27115	15.24 Gb	0.00
	cmsstor453.fnal.gov	34843	14.05 Gb	0.00
	cmsstor418.fnal.gov	18729	13.55 Gb	0.00
	cmsstor447.fnal.gov	18464	12.96 Gb	0.00
	cmsstor380.fnal.gov	16002	12.08 Gb	0.00
	cmsstor434.fnal.gov	18044	11.73 Gb	0.00
	cmsstor408.fnal.gov	31436	11.68 Gb	0.00
	cmsstor469.fnal.gov	32712	10.18 Gb	0.00
	s17n08.hep.wisc.edu	31094	9.72 Gb	0.00
	g22n08.hep.wisc.edu	31094	9.56 Gb	0.00
	aipanda011.cern.ch	25443	9.42 Gb	0.00
	spstrg15.sprace.org.br	22648	9.41 Gb	0.00
	cmsstor429.fnal.gov	33474	9.06 Gb	0.00
	cmsstor413.fnal.gov	27286	8.60 Gb	0.00
	cmsstor457.fnal.gov	20444	7.91 Gb	0.00
	cmsstor458.fnal.gov	20340	7.75 Gb	0.00
	vocms0322.cern.ch	ndl-aas	7.54 Gb	0.00
	cvmfs02.racf.bnl.gov	irdmi	7.11 Gb	0.00
	submit-5.chtc.wisc.edu	9618	6.87 Gb	0.00
	gridftp03.clumeq.mcgill.ca	rootd	6.73 Gb	0.00
	cmsstor426.fnal.gov	27875	6.66 Gb	0.00
	cmsstor450.fnal.gov	23731	5.74 Gb	0.00
	spstrg15.sprace.org.br	21071	5.71 Gb	0.00
	cmsstor431.fnal.gov	32733	4.98 Gb	0.00
	cmsstor395.fnal.gov	26828	4.57 Gb	0.00
	uct2-s4.mwt2.org	33132	3.36 Gb	0.00
	atlas-cm4.bu.edu	rootd	3.36 Gb	0.00
	lcg-pool5.scinet.utoronto.ca	21341	2.58 Gb	0.00
	cmsstor445.fnal.gov	31543	2.55 Gb	0.00
	umfs11.aglt2.org	33453	2.40 Gb	0.00

## Top Talkers with Applications (cont.)

	Application IP	Application Port	Bandwidth	Packets
	atlasnx01.usatlas.bnl.gov	ssh	2.29 Gb	0.00
	lcg-pool5.scinet.utoronto.ca	24481	1.68 Gb	0.00
	g22n09.hep.wisc.edu	31094	1.31 Gb	0.00
	cmsstor431.fnal.gov	23601	1.21 Gb	0.00
	cmsstor434.fnal.gov	33926	913.05 Mb	0.00
	spar0101.usatlas.bnl.gov	ssh	540.33 Mb	0.00
	gridgk02.racf.bnl.gov	9619	523.65 Mb	0.00
	spar0102.usatlas.bnl.gov	ssh	509.78 Mb	0.00
	spar0104.usatlas.bnl.gov	ssh	509.03 Mb	0.00
	spar0103.usatlas.bnl.gov	ssh	508.98 Mb	0.00
	Remaining Traffic		3.81 Tb	0.00
	Total Traffic		63.24 Tb	0.00