

## NetworkRoute list

ASN	Subnets	collaborations
229	2001:48a8:68f7:4000::/50, 2001:48a8:68f7:c000::/50	US-ATLAS, WLCG
229	192.41.236.0/23, 192.41.238.0/28	US-ATLAS, WLCG
237	2001:48a8:68f7:8001::/64, 2001:48a8:68f7:8000::/50	US-ATLAS, WLCG
229	192.41.230.0/23, 192.41.238.0/28, 35.199.60.100/32	US-ATLAS, WLCG
237	2001:48a8:68f7:1::/64, 2001:48a8:68f7::/50	US-ATLAS, WLCG
683	140.221.68.0/24, 140.221.69.0/24, 140.221.96.0/23, 140.221.112.0/20, 2620:0:dc0:4800::/59	wlcg
2107	153.5.72.0/23, 2001:1470:8000:406::/64	wlcg
2107	194.249.156.0/24, 2001:1470:ff8a::/48	wlcg
2107	153.5.68.0/22, 2001:1470:ff94::/48	wlcg
7575	128.250.185.224/27, 192.231.127.0/24, 192.43.208.0/24	WLCG
3460	202.122.32.248/29, 202.122.32.45/32, 202.122.32.160/27, 202.122.33.0/24, 202.122.35.0/24, 202.122.36.0/24, 202.122.37.128/28, 202.38.128.0/24, 202.38.129.0/24, 2401:de00::/64, 2401:de00:1:32::/64, 2401:de00:1:32:7ae7:d1ff:feca:d1bb/128, 2401:de00:2:33::/64, 2401:de00:2:332::/64	WLCG, JUNO
3460	202.122.35.192/26, 202.122.32.248/29, 2401:de00:2:35::/64, 2401:de00:2:1069::/64	
43	130.199.48.0/23, 130.199.185.0/24, 192.12.15.0/24, 192.33.128.0/24, 2620:0:210::/48	WLCG, BelleII, US-ATLAS, DUNE
1916	200.133.193.160/27, 200.143.233.0/27	wlcg
3359	142.244.83.0/27, 142.244.105.64/27	WLCG
6509	205.189.32.79/32	wlcg
15318	132.206.245.224/27	WLCG
271	206.12.127.0/24	WLCG
239	142.150.188.0/24	WLCG
16462	206.12.154.0/24, 206.12.155.0/24, 2607:f8f0:c10:70f3::/64, 2607:f8f0:c11:7000::/64	WLCG, BELLEII
16462	206.12.48.224/27	WLCG
46757	199.241.165.64/26	WLCG
2715	152.84.101.0/24, 2804:1f10:8000:801::/64	WLCG
20641	192.65.183.0/24, 2001:1458:a00::/48	WLCG
513	137.138.0.0/16, 188.184.0.0/17, 188.185.0.0/17, 188.185.128.0/18, 2001:1458:d00::/48, 2001:1458:d03::/48	
513	192.16.166.0/24, 2001:1458:302::/48	WLCG
513	128.142.0.0/16, 188.184.128.0/17, 188.185.192.0/18, 2001:1458:301::/48, 2001:1458:302::/48, 2001:1458:303::/48	WLCG, DUNE, US-ATLAS, US-CMS
766	192.101.161.128/26, 192.101.166.234/32, 2001:720:42c:aaee::/64	WLCG

ASN	Subnets	collaborations
32361	192.84.86.0/24, 198.32.43.0/24, 198.32.44.0/24, 198.32.45.0/24, 2605:d9c0::/32, 2607:f380:a4f::/48	WLCG, US-CMS
26610	2001:1310:3121::/48	WLCG
23911	202.179.241.216/30, 210.25.189.248/30, 2001:254:1:204::/64, 2001:252:0:112::/64	wlcg
8267	149.156.5.192/27	WLCG
2852	195.113.186.64/26, 195.113.219.0/26	wlcg
2852	195.113.179.104/30, 195.113.232.216/31, 195.113.232.218/31, 2001:718:401:6016::1:10/127	wlcg
680	188.1.153.0/24	wlcg
1754	131.169.160.0/21, 131.169.191.0/24, 131.169.192.0/24, 131.169.80.0/24, 131.169.98.0/24, 2001:638:700:1050::/64, 2001:638:700:1062::/64, 2001:638:700:10a0::/64, 2001:638:700:10bf::/64, 2001:638:700:10c0::/64	WLCG, BelleII
1754	141.34.192.0/21, 141.34.200.0/24, 2001:638:700:f0c0::/64, 2001:638:700:f0c2::/64, 2001:638:700:f0c8::/64	WLCG
11340	146.83.90.0/24, 2001:1310:3121:1112::/64	WLCG
58069	157.180.228.0/22, 157.180.232.0/22, 192.108.45.0/24, 192.108.46.0/23, 192.108.68.0/24, 2a00:139c::/45	WLCG, BelleII, PierreAugerObservatory, XENON
20965	62.40.103.0/24, 62.40.126.0/24, 2001:798:111:1::/64	WLCG, DUNE, BELLEII, XENON
59	128.104.227.0/24, 144.92.180.0/23, 2607:f388:101c:1000::/64	WLCG, US-CMS
8581	195.251.201.128/26, 2001:648:2e01:110::/64	WLCG
0	134.158.72.0/23, 2001:660:3024:100::/64	WLCG
0	134.158.132.0/23, 2001:660:302c:23::/64	WLCG
0	134.158.158.0/23, 2001:660:3036:197::/64	
0	192.54.205.0/24, 192.54.206.0/24, 192.54.207.0/24, 2001:660:3031:110::/64	WLCG
680	140.181.2.0/24	WLCG
38	72.36.81.64/26, 72.36.96.0/24, 2620:0:e01:4800::/56	WLCG
55824	144.16.112.0/24	wlcg
55824	14.139.119.64/26, 2405:8a00:c012::/48	wlcg
789	134.158.48.0/21, 134.158.104.0/21, 134.158.168.0/21, 134.158.208.0/21, 134.158.234.0/23, 134.158.238.0/24, 134.158.239.0/24, 193.48.99.0/24, 2001:660:5009::/48	WLCG
789	193.48.99.0/24, 2001:660:5009:9::/64	WLCG, BelleII, JUNO
2091	134.158.20.0/23, 2001:660:5408::/48	WLCG
789	134.158.83.0/24, 2001:660:5009:a013::/64	WLCG
2091	134.158.150.0/24, 134.158.151.0/24, 2001:660:4705::/48	WLCG
789	134.158.84.0/24, 134.158.102.0/23, 134.158.96.0/21, 2001:660:5310:400::/56, 2001:660:5310::/48	WLCG
2091	134.158.120.0/21, 2001:660:5104::/48	WLCG

ASN	Subnets	collaborations
789	193.48.83.0/24, 2001:660:530f::/48	WLCG
789	193.48.101.0/24, 2001:660:7224::/48	WLCG, XENON
2697	144.16.111.0/24	wlcg, cms, alice
58758	2406:f00:9::/48	wlcg, cms, alice
19782	149.165.243.0/24	wlcg
137	90.147.66.0/24, 90.147.75.0/24, 90.147.168.0/23, 2001:760:4227::/48	WLCG
137	90.147.16.0/23, 193.206.219.0/24, 2001:760:420d:80::/64	WLCG
137	192.84.128.0/24, 2001:760:4228::/64	WLCG
137	192.135.35.224/27	XENON
137	193.206.93.0/24, 2001:760:4229::/48	WLCG
137	192.135.14.0/24, 2001:760:4224::/48	WLCG
137	90.147.67.0/24, 2001:760:422a:137::/64	WLCG
137	192.135.9.0/24, 193.205.76.0/23, 2001:760:422b::/48	WLCG
137	141.108.35.0/24, 141.108.36.0/22, 2001:760:422c:35::/64, 2001:760:422c:36::/64, 2001:760:422c:38::/64	WLCG, PierreAugerObservatory
137	131.154.128.0/17, 2001:760:4205::/48	WLCG, BelleII, JUNO
137	193.205.66.128/25, 193.206.184.0/26	WLCG, PierreAugerObservatory, XENON
2148	144.206.150.0/23, 2001:67c:1bec:f069::/64	WLCG
2875	159.93.37.0/24, 159.93.39.0/24, 159.93.220.0/22, 159.93.224.0/22, 2a05:81c5:302:37::/64, 2a05:81c5:302:224::/64	WLCG
2875	159.93.228.0/22, 159.93.39.0/24, 2a05:81c5:301:228::/64	WLCG
17934	202.180.40.0/27	wlcg
2505	202.13.197.192/26, 202.13.203.128/26, 202.13.207.128/25, 202.13.223.132/30, 2001:2f8:3e:cc21::/120	BELLEII
2907	133.11.254.16/30, 150.99.93.20/30, 202.13.223.52/30, 202.13.223.192/29, 2001:2f8:3e:cc22::/64, 2001:2f8:102d:590::/64, 2001:2f8:ffd0:ffff::/64	wlcg
35296	193.239.180.128/27, 193.239.180.208/29, 2a00:fc00:e009::/56	WLCG
17579	134.75.123.0/24, 134.75.124.0/24, 134.75.126.0/24, 134.75.127.0/24	WLCG, BelleII
17579	134.75.125.0/24, 2001:320:15:125::/64	WLCG
1237	155.230.20.0/22, 2407:c000:c024::/48	WLCG, cms
17579	134.75.1.128/25, 134.75.203.16/30, 134.75.203.240/30	wlcg
16	131.243.135.0/24, 131.243.165.0/24, 2620:83:8000:4d00::/56	WLCG
3	18.12.0.0/20, 18.12.17.0/24, 2603:4000:c00::/48	WLCG
10680	149.165.224.0/23, 2001:18e8:c02:5::/64, 149.165.236.64/29	US-ATLAS, WLCG

ASN	Subnets	collaborations
160	192.170.224.0/19, 192.170.240.0/23, 2605:9a00:10::/48, 2605:9a00:10:200a::/64	US-ATLAS, WLCG
38	72.36.96.0/24, 2620:0:e01:4800::/64	US-ATLAS, WLCG
198743	192.68.51.0/24, 2001:67c:2870::/48	WLCG
39590	109.105.124.0/22, 2001:948:40::/42	WLCG
7896	129.93.153.0/24, 129.93.179.0/24, 129.93.182.0/23, 129.93.239.128/26, 129.93.244.192/26, 2600:900:6:1101::/64, 2600:900:6:1102::/64, 2600:900:6:1103::/64, 2600:900:6:1180::/64, 2600:900:6:1181::/64, 2600:900:6:1182::/64, 2600:900:6:1301::/64, 2600:900:6:1302::/64, 2600:900:6:1401::/64, 2600:900:6:3103::/64	WLCG, US-CMS
1929	69.16.44.0/23, 2001:48e8:6401::/63	US-ATLAS
2614	81.180.86.0/24, 2001:b30:4202:100::/64	WLCG
1104	2a07:8504:120:e060::/64, 2a07:8504:120:e068::/64, 194.171.96.128/25, 194.171.98.112/29	wlcg, XENON, DUNE, PierreAugerObservatory, alice
1104	194.171.96.128/25, 194.171.98.112/29, 2a07:8504:120:e060::/64, 2a07:8504:120:e068::/64	WLCG, PierreAugerObservatory, XENON, alice, DUNE
1103	145.146.4.0/24, 2001:610:130::/64	wlcg
50	192.12.68.0/24, 192.188.182.0/24, 2620:0:2b3d:100::/56, 2620:0:2b3d::/56	WLCG
5078	156.110.41.0/28, 2610:1d8:a01:1::/64	WLCG, US-ATLAS
25776	129.15.40.0/23, 129.15.42.0/23	US-ATLAS, WLCG
43115	193.109.172.0/24, 2001:67c:1148:200::/64, 2001:67c:1148:201::/64, 2001:67c:1148:202::/64, 2001:67c:1148:203::/64, 2001:67c:1148:204::/64, 2001:67c:1148:301::/64	WLCG
8501	144.206.255.184/31, 149.156.5.16/30, 149.156.5.20/30, 150.254.182.0/31, 213.135.50.84/30, 2001:67c:1bec::255:184/127, 2001:6a0:fff:ff0a::/64, 2001:6d8:0:20f::/64, 2001:6d8:0:21f::/64, 2001:808:2:22::/64	wlcg
2852	147.231.11.0/25, 147.231.25.0/24, 147.231.98.224/27, 195.113.219.0/25, 2001:718:19::/48, 2001:718:401:6017::/64, 2001:718:401:6025::/64, 2001:718:401:6e03::/64, 2001:718:409:7000::/52	WLCG
9112	150.254.198.0/25, 2001:808:1:b::/64	wlcg
397511	128.211.128.0/19, 128.211.160.0/22, 2001:18e8:804::/48	WLCG
43475	130.246.180.0/22, 130.246.216.0/21, 2001:630:58:1800::/64	WLCG
43475	130.246.176.0/22, 130.246.219.0/24, 130.246.221.128/25, 2001:630:58:1820::/64, 2001:630:54::/52	WLCG
2614	81.180.86.0/24, 2001:b30:4202:100::/64	WLCG
2614	81.180.86.0/24	WLCG
2614	85.120.46.0/24, 2001:b30:4210:1::/64	WLCG, PierreAugerObservatory
2614	193.231.25.224/27, 2001:b30:4202:100::/64	wlcg, WLCG
12675	85.122.16.0/20, 194.176.164.0/22	
59624	144.206.237.0/24, 2001:67c:1bec:237::/64	WLCG

ASN	Subnets	collaborations
57484	144.206.255.128/26, 2001:67c:1bec::255:0/112	wlcg
59624	144.206.224.0/24, 144.206.236.0/24, 2001:67c:1bec:224::/64, 2001:67c:1bec:236::/64	WLCG
208903	144.206.221.0/24	wlcg
56333	85.143.115.32/27, 2001:b08:22:90::/64	WLCG
2683	158.250.4.0/24, 2a13:22c0:c010::/48	JUNO
29493	144.206.130.0/23, 2001:67c:1bdc:100::/64, 2001:67c:1bdc:101::/64, 2001:67c:1bdc:102::/64, 2001:67c:1bdc:200::/64, 2001:67c:1bdc:201::/64	WLCG
2643	194.190.165.0/24, 2001:678:7d8:2000::/52	WLCG
52146	185.141.124.192/27, 2a07:a6c0:b:192::/64	WLCG
6857	195.70.215.128/26, 2a02:208:0:1::/64	WLCG
58255	185.207.88.0/24, 2a0e:e140::/64	WLCG
47610	134.61.24.0/22, 134.130.9.64/29, 137.226.38.108/30, 2a00:8a60:1030:a00::/64	WLCG
28571	200.17.30.0/24, 2001:12d0:8120::/64	wlcg
1251	200.136.60.0/24	wlcg
1162	145.100.32.0/22, 2001:610:108:203a::/64, 2001:610:108:3014::/64, 2001:610:108:3017::/64	WLCG, US-ATLAS
1162	145.100.32.0/22, 2001:610:108:203a::/64	WLCG, US-ATLAS
11105	206.12.24.0/25	WLCG
18515	129.107.255.0/24, 2602:fd0f:0:1001::/64	WLCG
55545	202.28.43.0/24, 203.158.4.0/24	wlcg
3221	193.40.127.224/27, 193.40.150.192/26, 2001:bb8:4004:ff::/64	WLCG
3839	161.200.0.0/16, 192.207.64.0/24	wlcg
24167	117.103.96.0/20, 140.109.98.0/24, 140.109.102.0/24, 202.169.168.0/22, 202.140.160.0/19, 2400:4500::/64, 2400:4500:0:1::/64, 2400:4500:0:2::/64	WLCG
38296	203.185.129.0/24, 203.185.131.0/24, 203.185.132.0/24, 203.185.133.0/24, 203.185.134.0/24	wlcg
7588	202.44.204.0/24, 203.185.64.0/19	wlcg
3836	203.185.96.0/19	wlcg
24475	202.29.12.0/24, 2001:3c8:1012::/48	wlcg
4621	202.28.2.0/24, 202.28.194.0/24	wlcg
2501	157.82.112.0/21, 2001:2f8:102d:589::/64, 2404:d540:1:589::/64	wlcg
2501	133.11.127.244/30, 133.11.255.181/32, 150.99.198.220/30	wlcg
8517	161.9.255.0/24, 2001:a98:1e::/48	wlcg
36391	206.12.1.0/24, 206.12.9.0/29, 206.12.9.128/25, 2607:f8f0:660:2::/64, 2607:f8f0:660:3::/64	WLCG

ASN	Subnets	collaborations
1659	140.115.32.0/24, 140.115.38.0/24	WLCG
7539	140.110.122.96/28	wlcg
12687	212.111.195.192/26, 2a01:5c40::ffff:d46f:c3c0/122	wlcg
766	150.244.246.0/23, 2001:720:420:c003::/64	WLCG
26397	67.58.50.0/28, 169.228.130.0/23, 2607:f720:1700:1b30::/60, 2607:f720:1700:1b30::/64, 2607:f720:1700:1b32::/64	wlcg
2715	152.92.255.0/24, 2804:1f10:8010:a032::1/64	WLCG, cms, US-CMS
6536	128.227.10.0/24, 128.227.52.0/24, 128.227.53.0/24, 128.227.59.128/26, 128.227.78.0/24, 128.227.83.0/24, 128.227.90.0/24, 128.227.91.0/24, 128.227.92.0/24, 128.227.132.0/24, 128.227.213.0/24, 128.227.221.0/24, 128.227.235.192/26, 128.227.246.0/24, 128.227.253.0/24, 2620:104:1f::/48	WLCG
11096	2607:f5d8:5:1::/64, 2607:f5d8:5:101::/64, 2607:f5d8:5:2::/64, 2607:f5d8:5:3::/64, 2607:f5d8:5:4::/64, 2607:f5d8:5:401::/64, 2607:f5d8:5:5::/64, 2607:f5d8:5:6::/64, 2607:f5d8:5:7::/64, 2607:f5d8:5:ff::/64	WLCG
786	146.179.232.0/22, 2a0c:5bc0:c8:2::/64	WLCG
786	130.246.44.0/22, 2001:630:58:1c20::/64	WLCG
32093	129.114.0.188/30, 129.114.62.0/27	wlcg
293	198.124.80.0/23, 2001:400:f000::/40	WLCG, US-ATLAS, DUNE, BELLEII, US-CMS
11537	64.57.30.128/25	wlcg
11537	137.164.26.136/31, 138.44.224.6/31, 144.206.255.148/31, 149.165.254.6/31, 192.17.10.72/30	wlcg
3671	134.79.0.0/16, 198.51.111.0/24	wlcg
131	128.111.120.96/28	wlcg
3152	131.225.13.128/25, 131.225.67.0/24, 131.225.69.0/24	DUNE
3152	131.225.2.0/24, 131.225.160.0/24, 131.225.184.0/22, 131.225.188.0/22, 131.225.204.0/22, 2620:6a:0:2::/64, 2620:6a:0:187::/64, 2620:6a:0:8420::/64, 2620:6a:0:8421::/64, 2620:6a:0:8423::/64	WLCG, NOvA, US-CMS
18515	129.107.255.0/24, 2602:fd0f:0:1001::/64	WLCG
7212	129.59.59.0/25, 129.59.197.0/24, 2607:8a00:17:736::/64, 2607:8a00:17:1496::/64	WLCG
0	192.114.102.0/24, 2001:bf8:900:e:2::/96	
680	132.195.124.0/23	WLCG, PierreAugerObservatory
8664	213.135.50.80/30, 213.135.54.0/26, 2001:6a0:2001:112::/64	WLCG