



IPv6 CIDR Report

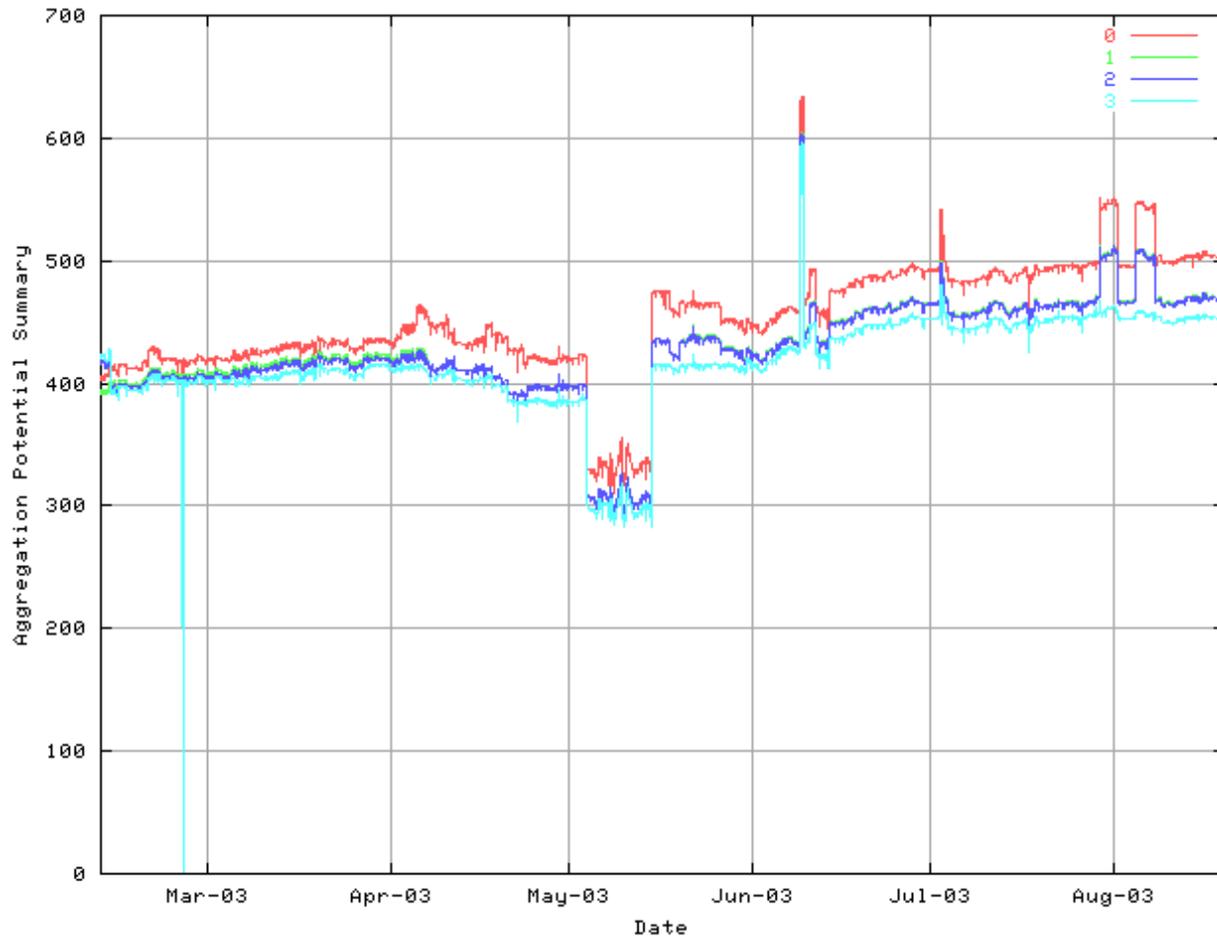
<http://www.cidr-report.org/v6>



[The V6 CIDR Report]

- Tracking the aggregation behaviour of the IPv6 BGP routing table
- Provides analysis of the combined RIR and 6BONE address space

[The Overall Picture]



[The Report]

- <http://www.cidr-report.org/v6>

[Summary]

Status Summary

Table History

Date	Prefixes	CIDR Aggregated
13-08-03	504	469
14-08-03	503	468
15-08-03	503	472
16-08-03	507	469
17-08-03	504	471
18-08-03	505	470
19-08-03	504	468
20-08-03	502	468

Plot: [BGP Table Size](#)

AS Summary

355	Number of ASes in routing system
254	Number of ASes announcing only one prefix
23	Largest number of prefixes announced by an AS
	AS1221 : ASN-TELSTRA Telstra Pty Ltd
2211908157440 (/22.99)	Largest address span announced by an AS (164s)
	AS2914 : VERIO Verio, Inc.

Plot: [AS count](#)

Plot: [Average announcements per origin AS](#)

Report: [ASes ordered by originating address span](#)

Report: [Autonomous System number-to-name mapping](#) (from Registry WHOIS data)

Aggregation Summary

Aggregation Summary

The algorithm used in this report proposes aggregation only when there is a precise match using AS path so as to preserve traffic transit policies.

— 20Aug03 —

ASnum NetsHow NetsAggr NetGain % Gain Description

Table	501	467	34	6.8%	ALL ASes
AS1221	23	3	20	87.0%	ASN-TELSTRA Telstra Pty Ltd *** Internal Routing Tableview
AS3856	9	2	7	77.8%	PCH-AS The Internet Mainstreet
AS2510	2	1	1	50.0%	INFOWEB (Unknown)
AS2514	2	1	1	50.0%	NTTPC NTT PC Communications, Inc.
AS4716	3	2	1	33.3%	POWERED.COM POWERED.COM, Inc.
AS7514	2	1	1	50.0%	MEX Media Exchange, Inc.
AS11340	2	1	1	50.0%	CL-RUNA-LACNIC Red Universitaria Nacional
AS13944	3	2	1	33.3%	ASN-ENTERZONE EnterZone, Inc
AS13285	2	1	1	50.0%	OPALTELECOM-AS Opal Telecom
Total	48	14	34	70.8%	Top 30 total

Report: [Aggregation Top 20 summaries for last 7 days](#)

Report: [Full Aggregation Details](#)

Top 20 Route Count per Originating AS

Prefixes ASnum AS Description

23	AS1221	ASN-TELSTRA Telstra Pty Ltd
9	AS3856	PCH-AS The Internet Mainstreet
5	AS2914	VERIO Verio, Inc.
4	AS2611	BELNET BELNET Autonomous System
4	AS3263	TELEBIT Ericsson Telebit A/S
4	AS3327	DATATELECOM Data Telecom Autonomous System
4	AS9264	ASN-AS-PASNET
4	AS15982	VERAT-AS-1 Autonomous System Verat D.O.O. Belgrade, Yugoslavia
4	AS17715	CHTTL-TW ChungHwa Telecom. Co. Telecommunication Lab.
3	AS224	UNINETT UNINETT, The Norwegian University & Research Network
3	AS293	ESNET-WEST 293 Energy Sciences Network (ESnet)
3	AS1200	AMS-IX1 Amsterdam Internet Exchange (AMS-IX) Peering AS
3	AS2500	WIDEWIDE Project
3	AS1752	BT-CIN-AND-ADASTRAL Used by BT IP networks for Intranet Test and Development
3	AS3257	TISCALI-BACKBONETiscali Intl Network
3	AS6939	HURRICANE Hurricane Electric
3	AS4716	POWERED.COM POWERED.COM, Inc.
3	AS4555	EP0-BLK-ASNBLOCK-5 Exchange Point Blocks
3	AS4618	INET-TH-AS Internet Thailand Company Limited
3	AS424	ATNET-AT ATnet

Weekly Changes

Last Week's Changes

This is a daily snapshot of changes in routes being withdrawn and added. The deltas are calculated over a rolling 7 day period. Please bear in mind this is purely a "snapshot" and a large fluctuation could be caused by a connectivity problem, for example.

ASes Added to the Routing Table

Prefixes	ASnum	AS Description
1	AS1897	EUNET PT KPNQwest Portugal Backbone AS
1	AS59417	DEMON-INTERNET-NL Demon Internet Netherlands, Thus Plc
1	AS12931	SPEEDKOM SpeedKom GmbH Kempten, Germany
1	AS24776	CARTEL-AS Cartel Securite Autonomous System
1	AS28747	REALROOT-AS RealROOT NV

Top 20 Net Increased Routes per Originating AS

Prefixes	Change	ASnum	AS Description
2	2<=4	AS15982	VERAT-AS-1 Autonomous System Verat D. O. O. Belgrade, Yugoslavia
1	0<=1	AS1897	EUNET PT KPNQwest Portugal Backbone AS
1	1<=2	AS1955	AS1955 HUNGARNET
1	0<=1	AS59417	DEMON-INTERNET-NL Demon Internet Netherlands, Thus Plc
1	0<=1	AS12931	SPEEDKOM SpeedKom GmbH Kempten, Germany
1	0<=1	AS24776	CARTEL-AS Cartel Securite Autonomous System
1	0<=1	AS28747	REALROOT-AS RealROOT NV

Top 20 Net Decreased Routes per Originating AS

Prefixes	Change	ASnum	AS Description
-2	3<=1	AS8175	CETLINK Computer Enhancement Technologies, Inc.
-2	2<=0	AS3066	RS-AS Robert E. Seastrom
-1	1<=0	AS21238	LIPEX London Internet Providers Exchange
-1	1<=0	AS7247	MOJO Mojo Networks
-1	1<=0	AS7010	DRKNGS-ASN DRK Network & Graphics Solutions
-1	1<=0	AS5617	TPNET Polish Telecom's commercial IP network
-1	1<=0	AS2607	SANET Slovak technical university
-1	1<=0	AS2547	BMENET-AS Budapest University of Technology and Economics

Weekly Changes

Top 20 Added Routes this week per Originating AS

Prefixes ASnum AS Description

- 2 [AS15982](#) VERAT-AS-1 Autonomous System Verat D.O.O. Belgrade, Yugoslavia
- 1 [AS1955](#) AS1955 HUNGARNET
- 1 [AS1897](#) EUNETPT KPNQwest Portugal Backbone AS
- 1 [AS5417](#) DEMON-INTERNET-NL Demon Internet Netherlands, Thus Plc
- 1 [AS12931](#) SPEEDKOM SpeedKom GmbH Kempten, Germany
- 1 [AS24776](#) CARTEL-AS Cartel Securite Autonomous System
- 1 [AS28747](#) REALROOT-AS RealROOT NV

Top 20 Withdrawn Routes this week per Originating AS

Prefixes ASnum AS Description

- 2 [AS3066](#) RS-AS Robert E. Seaström
- 2 [AS8175](#) CETLINK Computer Enhancement Technologies, Inc.
- 1 [AS2547](#) BMENET-AS Budapest University of Technology and Economics
- 1 [AS2607](#) SANET Slovak technical university
- 1 [AS5617](#) TPNET Polish Telecom's commercial IP network
- 1 [AS7010](#) DRKNGS-ASN DRK Network & Graphics Solutions
- 1 [AS7247](#) MOJO Mojo Networks
- 1 [AS21238](#) LIPEX London Internet Providers EXchange

Adds and Wds per Prefix Length

/24	+1	-2
/32	+4	-1
/48	+3	-4
/64	+0	-3

Report: [Announced and Withdrawn prefix list](#)

Report: [Announced and Withdrawn prefix list - ordered by prefix length](#)

Report: [Announced Route count per Originating AS](#)

Report: [Withdrawn Route count per Originating AS](#)

Bogon Advertisements

Possible Bogus Routes and AS Announcements

No Bogus Routes

Report: [Allocated and Reserved IPv4 address blocks](#)

Possible Bogus ASs

Bogus AS	Announcing AS
AS64999	Announced by AS3856 PCH-AS The Internet Mainstreet

Report: [Advertisements with Bogus ASs in the AS Path](#)

Report: [Allocated and Reserved AS blocks](#)

Selected AS Report

Enter an AS here to generate an aggregation report for the AS.

Enter AS (e.g. 'AS1221')

A version of this report is available using [plain text tables](#).

This report has been generated using the BGP table from AS1221 (Telstra)

[BGP Table Analysis from AS1221]

- All routes

- <http://bgp.potaroo.net/v6/as1221/>

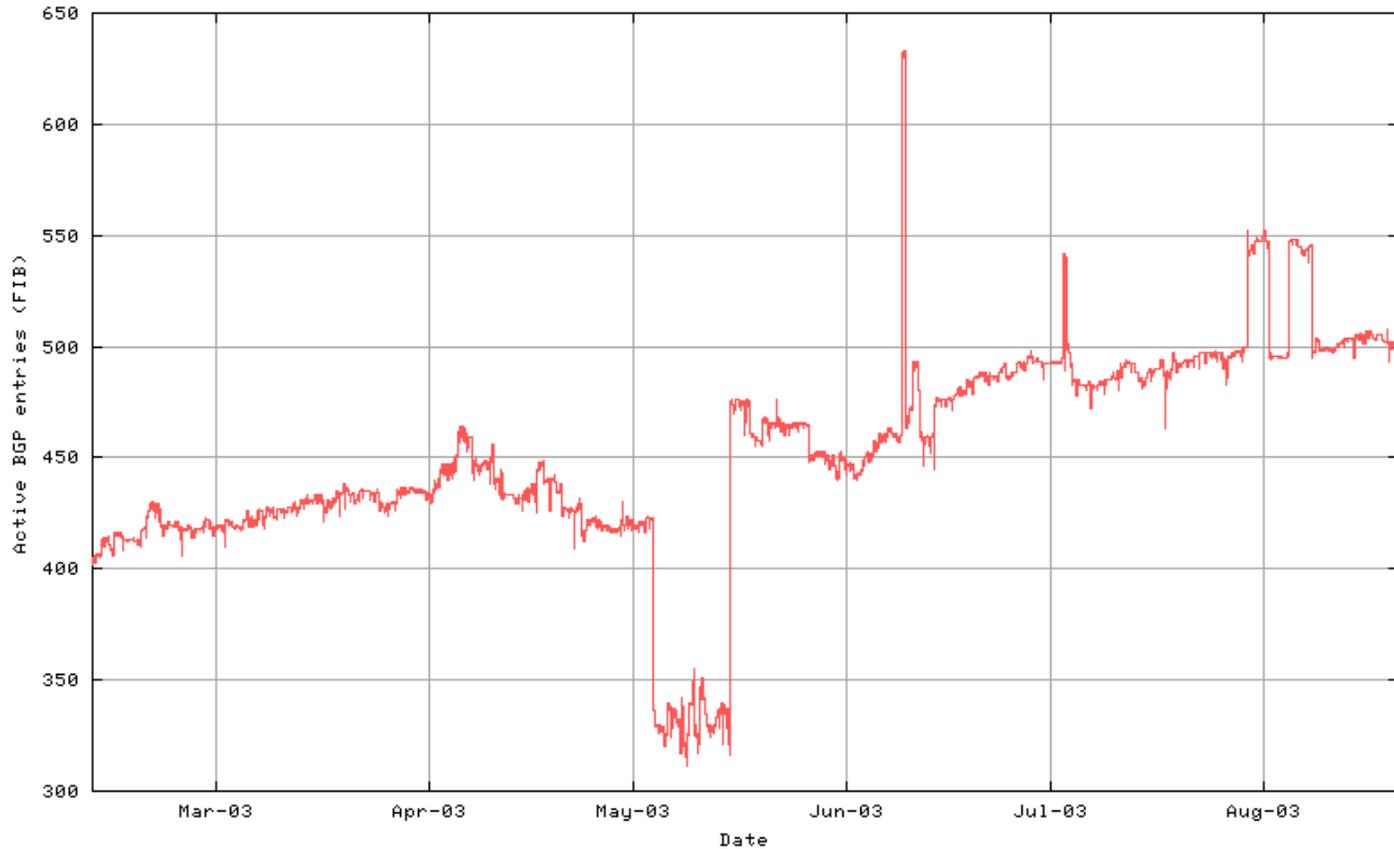
- RIR

- <http://bgp.potaroo.net/v6/as1221/rir/>

- 6Bone

- <http://bgp.potaroo.net/v6/as1221/6bone/>

[BGP Table Report]



[Suggestions]

- If there is useful data you'd like to have included in these reports – please let me know