A1 Bulgaria Peering Policy

A1 Bulgaria seeks to interconnect its IP network with other Internet providers when such interconnection is of mutual benefit to both parties.

A1 Bulgaria uses AS8717 as its primary ASN for peering and all peers will be required to also accept prefixes and AS paths for AS12716, AS29580, AS35141, AS13124 and AS8672.

Our current IRR Record is: AS-SPNET

Further peering information is visible in our peeringdb account - https://www.peeringdb.com/net/1427

General Guidelines

Meeting the requirements of this document does not guarantee establishment of peering relationship with A1 Bulgaria.

All peers must supply an operational contact that is available on a 24×7 basis such as a Network Operations Center or equivalent. Both voice and e-mail contact information is required.

Peer must agree to actively cooperate to resolve security incidents, denial of service attacks, and other operational problems.

A1 Bulgaria expects to receive in advance a notification regarding network maintenance that will affect traffic exchange.

Technical and Routing Requirements

You must be assigned an official AS number through one of the RIRs (Regional Internet Registry, for example ARIN, RIPE, APNIC, LACNIC). Private ASNs are not acceptable.

Peers must not utilize any form of gateway of last resort or default route that is directed at A1 Bulgaria.

Use of the Internet Routing Registry is encouraged.

All announcements are to be consistent, in terms of prefix aggregation properties, across all interconnect locations. Contiguous IP blocks for several specific routes should be aggregated into larger routes.

Peers are expected to filter their clients in a way to:

- reject unauthorized BGP announcements
- reject unauthorized announcement of public prefixes, which are not owned by the client
- aggregate the announced prefixes
- stop announcements of private networks
- filter their prefixes to deny IP datagrams with invalid source addresses.

IPv4 and IPv6 will be setup using separate BGP sessions. One BGP session per address family.

Maximum prefix length accepted for prefixes not allocated by A1 Bulgaria is /24 for IPv4 and /48 for IPv6.

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Information about the expected announced number of BGP prefixes should be communicated in advance(otherwise it will set according to peeringdb information)

A1 Bulgaria doesn't accept any MED announcement and the propagated value is ignored.

Valid BGP communities:

1) A1 Bulgaria will accept the well-known community "no-export".
2) Blackhole - 0:1234
3) Prepend
>   3.1) 8717:301 - prepend ASN once
>   3.2) 8717:302 - prepend ASN twice
>   3.3) 8717:303 - Prepend ASN three times

BGP Local preference
1)   Default peering value - 100
2)   A1 Bulgaria clients primary - 110
2)   A1 Bulgaria clients backup - 105

Suspension and Termination

A1 Bulgaria reserves the right to suspend peering for an indefinite period of time due to any form of network abuse which take place via the peering interconnect.

The definition of network abuse includes but is not limited to:

- Denial of Service attacks
- Unsolicited Bulk Email sources
- Setting default-route to A1 Bulgaria

Recurring incidents of network abuse and/or slow responses on resolving an incident will result in termination of the peering relationship.

A1 Bulgaria reserves the right to terminate the peering relation for any reason after sending the necessary notice to the other party.