

prop-114v003 - Modification in the ASN eligibility criteria

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Problem Statement

The current ASN assignment policy states two eligibility criteria and that both criteria should be fulfilled in order to obtain an ASN. The policy seems to imply that both requirements i.e. multi-homing and clearly defined single routing policy must be met simultaneously, this has created much confusion in interpreting the policy.

As a result organizations have either provided incorrect information to get the ASN or barred themselves from applying where they still have a valid justification for obtaining an ASN.

Resource Allocation Process

Please provide details of at least two peering networks.

Peering Network #1

ASN: *

Contact name: *

Email: *

Phone: *

Peering Network #2

ASN: *

Contact name: *

Email: *

Phone: *

Objective of Policy Change

In order to make the policy guidelines simpler we are proposing to modify the text describing the eligibility criteria for ASN assignment by providing alternate criteria to obtaining an ASN.

As a result APNIC hostmaster must create guidelines for evaluating the criteria.

Situation in Other RIR

ARIN: It is not mandatory but optional to be multi-homed in order get ASN

RIPE: Policy to remove multi-homing requirement is currently in discussion and the current phase ends 12 February 2015 - (awaiting Chair decision)

Policy - <https://www.ripe.net/ripe/policies/proposals/2014-03>

LACNIC: Only inter-connect is mandatory not multi-homing

AFRINIC: It is mandatory to be multi-homed in order to get ASN.

Proposed Policy Text

An organisation is eligible for an ASN assignment if:

- they are currently multi-homed, OR
- have previous allocated provider independent address space by APNIC, AND intend to multi-home in the future

Advantages and Disadvantages

Advantages

By adding the additional criteria of Guidelines managed by APNIC Secretariat, this would enable the Secretariat to make decisions based on common or rare use cases, but that may still be a valid request.

Disadvantages

It may be perceived that this policy would enable members to obtain ASN's more easily, and in return cause faster consumption of ASN's in the region. Given the relative ease of obtaining an ASN with 'work around' methods, we do not perceive this will actually have any effect.

Impact on APNIC

No impact on existing resource holders.

Any Questions or Comments?



ASN Allocations by APNIC in 2014 and 2015

From Jan 2014 - Dec 2014:

2 Byte ASN: 574

4 Byte-ASN: 713

From Jan 2015 - Sep 2015:

2 Byte ASN: 111

4 Byte-ASN: 709

ASN Allocations by APNIC in 2014 and 2015

- New Members in 2014 who requested ASNs:

mem_country	count(*)
AU	106
HK	63
BD	35
NZ	27
IN	23
AP	23
SG	22
PH	16
CN	14
MY	13
TH	13
AF	8
PK	5
ID	4
TW	3
MM	3
NP	3
JP	2
KR	2
PF	2
VU	1
TL	1
WS	1
IO	1
BN	1
KH	1
PG	1
MN	1
VN	1
MO	1
LA	1

- New Members in 2015 who requested ASNs:

mem_country	count(*)
AU	88
HK	66
BD	36
IN	22
NZ	17
MY	15
AP	15
SG	14
PH	11
TH	8
CN	4
NP	4
AF	4
PK	3
MM	3
ID	3
MN	3
KH	2
WS	1
VU	1
TL	1
PG	1
BN	1
JP	1
MO	1

ASN Allocations by APNIC in 2014 and 2015

- **New Members who did not request ASNs:**

2014: 334 Members

2015: 313 Members