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Change in the Minimum Allocation Criteria Policy Proposal

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Has two parts:

-Change in the Minimum Allocation Criteria

-Reduction of Membership fee and resource fee for "tiny" or any other smaller membership tier.

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Does APNIC have a minimum allocation?

Yes. APNIC's minimum IPv4 allocation is /21 (2048 addresses).

Some background…

The APNIC community has set this as the minimum practical size in an effort to abide by the conflicting global goals of aggregation and conservation. New members are allocated a /21 as part of the "slow start" policy which seeks to prevent allocations of large blocks of address space that remain largely unassigned. For more information see section 9.2 of Policies for address space management in the Asia Pacific region.

If you wish to request less than /21, please see What if I need less than /21?.

…goto LIR

APNIC-086 - Policies for IPv4 address space management in the Asia Pacific region ….

4.4 Allocated and Assigned address space
For the purposes of understanding APNIC address space policies, it is important to make a clear distinction between the terms "allocated" and "assigned".

4.4.1 Allocated
Allocated address space is address space that is distributed to IRs or other organisations for the purpose of subsequent distribution by them.

4.4.2 Assigned
Assigned address space is address space that is delegated to an ISP or end-user, for **specific use within the Internet infrastructure they operate**. Assignments must only be made for specific, documented purposes and **may not be sub-assigned**

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Membership tier	Annual fee (AU$)	Amount of IPv4 address space
Associate	792	None
Very small	1,584	Up to and including /22 (1024IP)
Small	3,169	> /22, up to and including /19

Assignment

Allocation

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Is membership a suitable option for my organisation?

APNIC membership is open to all organisations. However, membership of APNIC does not mean your organisation will automatically be eligible for address space. To promote better aggregation of routing information, APNIC has a minimum IPv4 allocation of a /21 ("slash 21" - 2,048 IP numbers). ……..
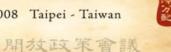
Issue…

ISPs that need resources LESS THAN or UPTO /22 will not get allocations due to "Minimum Allocation Criteria being /21 - though the "Small" category starts as "…above /22 and upto /19"…..

ISP inevitably is forced to become "Small" member though his requirement is met by "Very Small member" criteria.

Current Policy is not "accessible" to smaller ISPs and could not become member of APNIC and obtain resources directly

Suggested Policy changes …
PART I

"Minimum Allocation Criteria" be made as /22 instead of /21 so that member can remain in "Very Small" category

Resources to "Very Small" category be "Allocated" and not "Assigned" by doing so

Minimum allocation criteria at other RIRs:
AfriNIC - /22
ARIN - /22 for multihoming otherwise /20
LACNIC - /20
RIPE - /21

Suggested Policy changes …
PART II

Create a new membership Tier – "TINY" with much lower "Membership Fee" and "Resource Fee" giving advantage to the smaller ISPs to access APNIC resources directly.

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Thank You

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