



# APNIC Member Fee Schedule

Effective: January 2010

## 1. Annual Membership fees

Annual Fees paid by APNIC Members are calculated based on the address resources held by the member at the time of the anniversary of APNIC membership. All fees are assessed, and are payable, using Australian Dollars (AUD).

The IPv4 and IPv6 components of the annual fee are calculated separately, according to the total address holdings of the member. The annual membership fee is then charged as the greater of these two components. A member with no IPv4 or IPv6 address space holdings is assessed as an Associate Member.

NIR (National Internet Registry) Members and Confederation Members are assessed on their total address holdings, with an additional premium, as described in section 1.1.4 of this schedule.

Members from Least Developed Countries will pay a discounted fee, as described in section 1.1.5 of this schedule.

Failure to pay the annual membership fee will result in the registration record being removed from the APNIC Whois Database. The address space will then be returned to the APNIC free address pool to be reallocated.

### 1.1 Associate (no address space holdings)

A member who holds no IPv4 addresses and no IPv6 addresses will be invoiced the Associate Membership Fee of AUD 675.

An Associate Member may hold allocated AS numbers, or Experimental IPv4 or Experimental IPv6 addresses.

### 1.2 IPv4 Component

The member's total IPv4 address holdings, including historical and APNIC-allocated address space, will be used to assess the IPv4 component of the annual membership fee as follows:

$$Fee_{v4} = 1180 \times 1.3^{(\log_2(Addresses)-8)}$$

Notes:

- The minimum annual fee is AUD 1,180
- In this formula, address holdings are expressed as the total count of individual IPv4 addresses (/32) so that, for example, a holding of a /16 and a /18 would constitute 81,920 IPv4 addresses.
- Experimental allocations of IPv4 addresses are not included in this assessment of total address holdings.

## 1.3 IPv6 Component

The member's total IPv6 address holdings, including historical and APNIC-allocated address space, will be used to assess the IPv6 membership fee as follows:

$$Fee_{V6} = 1180 \times 1.3^{(\log_2(Addresses)-22)}$$

Notes:

- The minimum annual fee is AUD 1,180
- In this formula, address holdings are expressed as the total of IPv6 end-site addresses (/56), so that, for example, a holding of a /32 and a /31 would constitute 50,331,648 /56 site addresses.
- Experimental allocations of IPv6 addresses are not included in this assessment of total address holdings.

## 1.4 NIR and Confederation Members

NIR and Confederation annual membership fees will be assessed in the manner described above, with an additional premium of 190 per cent applied to the annual membership fee, such that the total NIR and Confederation annual membership fee is 290 per cent of the ordinary membership fee.

## 1.5 Members from Least Developed Countries.

The fees payable by members from Least Developed Countries (LDCs), as calculated in items 1.1.1 through 1.1.4, are discounted by 50 per cent.

The list of LDCs used for the purposes of this fee discount is defined and maintained by the United Nations Statistics Division (currently available as <http://unstats.un.org/unsd/methods/m49/m49regin.htm#least>). The discount will be applied in accordance with the LDC status of the member's economy on the date of membership renewal.

## 2. IP Resource Application Fee

A member's first address allocation request is subject to an IP resource application fee of AUD 3,500.

Subsequent allocations are free of application fee charges.

The following services are exempt from the IP Resource Application Fee:

- Critical infrastructure assignments
- Experimental allocations
- IXP assignments
- AS numbers
- Historical resource transfers

Members of LDCs will receive a 50 per cent discount on this fee, as per section 1.1.5.

## 3. Membership Reactivation Fee

An organization whose APNIC membership has been terminated for non-payment of membership fees may be returned to good standing by payment of a "membership reactivation fee" of AUD 2,700 in addition to payment of

any outstanding unpaid fees. This option is available for a limited period of three months after membership termination, after which time all previously allocated and assigned resources are subject to reallocation.

Members of LDCs will receive a 50 per cent discount on this fee, as per section 1.1.5.

An organization that does not opt for reactivation of their membership by this means, but wishes to continue using APNIC resources, will need to open a new membership and reapply for all resources required. In this case network renumbering will be necessary.

## 4. Member Fee Schedule Summary

Resource Service	Unit	Fee	Annual Membership Fee
Associate	Account Name		\$675.00 <sup>1</sup>
IPv4 Addresses	/32		$1180 \times 1.3^{(\log(\text{addresses}) - 8)}$ <sup>2,3</sup>
IPv6 Addresses	/56 End Site Prefix		$1180 \times 1.3^{(\log(\text{addresses}) - 22)}$ <sup>2,3</sup>
NIR and Confederation Premium	Account Name		+190% <sup>4</sup>
LDC Discount	Account Name		-50% <sup>4</sup>
Resource Application Fee	Account Name	\$3,500.00	-
Reactivation	Account Name	\$2,700.00 <sup>5</sup>	-

### Notes:

- 1 Fee applies when the member holds no IP addresses
- 2 Minimum fee is AUD 1,180.00
- 3 Assessed address fees are the greater of the IPv4 and IPv6 fees
- 4 Premium / Discount is added / subtracted to address fees
- 5 Plus payment of all outstanding unpaid fees.

## 5. Adoption of this Fee Schedule

This fee schedule will be applied for each member on the first anniversary date of the annual membership fee on or after 1 January 2010.

For NIR and Confederation members, per-address fees shall be payable for all allocations performed in 2010 prior to the anniversary date of the NIR or Confederation membership in 2010.

## Appendix: Example Fee Calculations

These examples **do not** form part of the APNIC fee schedule and are included as worked examples only.

### 1.2 IPv4 Fees

The following table provides the fee calculation for various IPv4 address blocks:

IPv4 Prefix	IPv4 Addresses	IPv4 Fee	NIR Fee
/24	256	\$1,180	\$3,422
/23	512	\$1,534	\$4,449
/22	1,024	\$1,994	\$5,783
/21	2,048	\$2,592	\$7,518
/20	4,096	\$3,370	\$9,774
/19	8,192	\$4,381	\$12,706
/18	16,384	\$5,696	\$16,517
/17	32,768	\$7,404	\$21,473
/16	65,536	\$9,626	\$27,914
/15	131,072	\$12,513	\$36,289
/14	262,144	\$16,267	\$47,175
/13	524,288	\$21,147	\$61,328
/12	1,048,576	\$27,492	\$79,726
/11	2,097,152	\$35,739	\$103,644
/10	4,194,304	\$46,461	\$143,737
/9	8,388,608	\$60,399	\$175,178
/8	16,777,216	\$78,519	\$227,706
/7	33,554,432	\$102,075	\$296,017
/6	67,108,864	\$132,697	\$384,822

### 1.3 IPv6 Fees

The following table provides the fee calculation for various IPv6 address blocks:

IPv6 Addresses	End Site Addresses (/56)	IPv6 Fee	NIR Fee
/34	4,194,304	\$1,180	\$3,422
/33	8,388,608	\$1,534	\$4,449
/32	16,777,216	\$1,994	\$5,783
/31	33,554,432	\$2,592	\$7,518
/30	67,108,864	\$3,370	\$9,774
/29	134,217,728	\$4,381	\$12,706
/28	268,435,456	\$5,696	\$16,517
/27	536,870,912	\$7,404	\$21,473
/26	1,073,741,824	\$9,626	\$27,914
/25	2,147,483,648	\$12,513	\$36,289
/24	4,294,967,296	\$16,267	\$47,175

/23	8,589,934,592	\$21,147	\$61,328
/22	17,179,869,184	\$27,492	\$79,726
/21	34,359,738,368	\$35,739	\$103,644
/20	68,719,476,736	\$46,461	\$143,737
/19	137,438,953,472	\$60,399	\$175,178
/18	274,877,906,944	\$78,519	\$227,706
/17	549,755,813,888	\$102,075	\$296,017
/16	1,099,511,627,776	\$132,697	\$384,822