Addressing the challenge of responsible Internet resource distribution in the Asia Pacific region
APNIC
Asia Pacific Network Information Centre

Address: PO Box 2131, Milton, Brisbane QLD 4064 Australia
Phone: +61 7 3858 3100
Fax: +61 7 3858 3199
Email: info@apnic.net
SIP: helpdesk@voip.apnic.net

©APNIC Pty Ltd 2008
<table>
<thead>
<tr>
<th>Page</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>APNIC</td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>APNIC</td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>2007</td>
</tr>
<tr>
<td>19</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>2007</td>
</tr>
</tbody>
</table>
APNIC

APNIC 1993 (RIR)

APNIC

• 1998-99, APNIC (EC)

• 1999-2003 APNIC (RIR)

• 2006-2007 APNIC (EC)

APNIC

2007-2008 APNIC 2007-2008 APNIC

http://www.apnic.net/ec

APNIC

2007-2008 APNIC 2007-2008 APNIC

APNIC

2007-2008 APNIC 2007-2008 APNIC

APNIC

2007-2008 APNIC

Kuo-Wei Wu

APNIC

2007-2008 APNIC

Ming-Cheng Liang

APNIC

2007-2008 APNIC

Wei Mao

APNIC

2007-2008 APNIC

Vinh Ngo

APNIC

2007-2008 APNIC

Paul Wilson

APNIC

2007-2008 APNIC

Akinori Maemura

APNIC

2007-2008 APNIC

Che-Hoo Cheng

APNIC

2007-2008 APNIC

Kuo-Wei Wu

APNIC

2007-2008 APNIC

Ming-Cheng Liang

APNIC

2007-2008 APNIC

Wei Mao

APNIC

2007-2008 APNIC

Vinh Ngo

APNIC

2007-2008 APNIC

Paul Wilson

APNIC

2007-2008 APNIC
http://www.apnic.net/policy/dev

2007

• 031 APNIC IPv6 /48
  IPv6 /48 with HD 0.8 0.94
• 032 AS/4 IPv6

2009

• 033 IPv6 /48
  IPv6 /48 (LIR)
• 034 IPv6 /56
• 035 IPv6 /48

2007

• 038 APNIC DNS
  APNIC DNS
  RIR DNS

2008

• 041 RIR

2009

• 044 RIR

2010

• 046 IPv4
• 050 IPv4

2011

• 051 IPv4
• 052 IPv4

2007-2008

• 053 IPv4

http://www.apnic.net/policy/proposals

APNIC IPv6

APNIC IPv6

APNIC IPv6

APNIC IPv6
Donna McLaren
APNIC
2007

2007
APNIC
Apstats
http://www.apnic.net/stats/o3

2008
APNIC
 SIG
http://www.apnic.net/meetings/remote

APNIC
• APNIC
• (NOG)
• IPv6

APNIC
• APNIC
• APNIC
• APNIC

APNIC
• APNIC
• APNIC
• APNIC

APNIC
• APNIC
• APNIC
• APNIC

http://www.apnic.net/meetings/remote
icons

IPv4

IPv6

Apnic

http://icons.apnic.net

Apster

http://www.apnic.net/docs/apster

SANOG, APRICOT, IANA, (NIR)

http://www.apnic.net/community/presentations

Kapil Chawla

Annaliza Mulingbayan

Guangliang Pan

Elly Tawhai
SANJAYA

APNIC

DNS

IPv6

APNIC

DNS

IPv6

APNIC

DNS

IPv6

IPv4

2007

2008

SANJAYA

APNIC

DNS

IPv6

APNIC

DNS

IPv6

IPv4

SANJAYA

APNIC

DNS

IPv6

APNIC

DNS

IPv6
Orange: Root servers supported by APNIC (total 21)
Green: Other root servers (total 15)

APNIC 2007 APNIC 2008

http://www.apnic.net/services/rootserver
2007 ⬛ APNIC ográf 2008 ⬛ APNIC ográf

APNIC ográf 2007 ⬛ APNIC ográf
• 2007 IP  órg
• 2007 ASN
• 2007 APNIC Whois

APNIC ográf 2008 ⬛ APNIC ográf
• 2008 IP  órg
• 2008 ASN
• 2008 APNIC Whois

MyAPNIC ográf 2007 ⬛ MyAPNIC ográf 2008 ⬛ MyAPNIC

2007 ⬛ MyAPNIC 1.7 ⬛ MyAPNIC 2008 ⬛ MyAPNIC

APNIC Whois ográf 2007 ⬛ APNIC Whois 2008 ⬛ APNIC Whois

MyAPNIC ográf 2008 ⬛ MyAPNIC 2008 ⬛ MyAPNIC

http://www.apnic.net/services/member

http://www.apnic.net/helpdesk

http://www.apnic.net/myapnic
2007 APNIC membership growth

- APNIC membership growth from 2006 to 2007
- Growth from 2005 to 2007
- Member distribution by country and size category

APNIC membership growth

Number of members

Date: Dec 06, 07, 08, 09, 01, 02, 03, 04, 05, 06, 07
Size: Associate, Very small, Small, Large, Very large, Extra large

Members by country:
- AU 25%
- IN 12%
- HK 9%
- PH 5%
- BD 5%
- SG 4%
- Other 33%
- JP 4%
- AP 4%
- TH 4%
- Other 11%
- ID 2%
- TW 2%
- PK 3%

Members by region:
- AP 4%
- TH 4%
- MY 4%
- JP 4%
- Other 11%
- ID 2%
- TW 2%
- PK 3%

Guangliang Pan, APNIC
Total distribution of IPv4 (by economy)

IPv4 address allocated in 2007 (by economy)

Total IPv4 allocated (cumulative)

Number of /8s

Historical resources  APNIC-delegated resources

2007 IPv4 4.18 /8s 2006 3.09 IPv4

2007 IPv4 4.18 /8s 2006 3.09 IPv4

IPv4  IPv4

IPv4

Number of /8s
Total distribution of IPv6 (by economy)

- KR 21%
- JP 34%
- AU 34%
- Other 1%
- CN 0.13%
- TW 10%
- TH 0.05%
- AP 0.07%
- NZ 0.07%
- MY 0.06%
- ID 0.07%
- IN 0.06%
- Other 0.49%

Total IPv6 allocated (cumulative)

Number of /32s (log scale)

IPv6 address delegations in 2007 (by economy)

Number of delegations
APNIC

- 2006: 3, 2007: 21
- APNIC: 2006 - 2007
- APNIC: 2007
- APNIC: 7%
- APNIC: (NIR SIG)
- APNIC: 7%
- APNIC: 4
- APNIC: 24%
- APNIC: 54%
- APNIC: 2007
- APNIC: 7%
- APNIC: 0.7899
- APNIC: 7%
- APNIC: 1.094
- APNIC: 0.85
- APNIC: 0.78
- APNIC: 0.85
- APNIC: 0.5479
- APNIC: 40%

"KPMG"

- APNIC: 0.78
- APNIC: 0.85
- APNIC: 108%
- APNIC: 2000
- APNIC: 54%

2007: 10, 11
- APNIC: 7%
- APNIC: 4
- APNIC: 24%
The Australian dollar/US dollar exchange rate since 2000

![Graph showing the Australian dollar/US dollar exchange rate since 2000.](image)
## Balance sheet

<table>
<thead>
<tr>
<th>Year end 2007 (US$)</th>
<th>Year end 2006 (US$)</th>
<th>% change from 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exchange rate (see Notes)</td>
<td>0.8875</td>
<td>0.7938</td>
</tr>
</tbody>
</table>

### Current assets

<table>
<thead>
<tr>
<th></th>
<th>Year end 2007</th>
<th>Year end 2006</th>
<th>% change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash</td>
<td>5,880,878</td>
<td>4,521,723</td>
<td>30%</td>
</tr>
<tr>
<td>Term deposit investment</td>
<td>2,041,250</td>
<td>2,619,540</td>
<td>-22%</td>
</tr>
<tr>
<td>Receivables</td>
<td>841,777</td>
<td>1,328,391</td>
<td>-37%</td>
</tr>
<tr>
<td>Advance payment</td>
<td>74,329</td>
<td>105,838</td>
<td>-30%</td>
</tr>
<tr>
<td>Other</td>
<td>27,837</td>
<td>11,857</td>
<td>135%</td>
</tr>
<tr>
<td><strong>Total current assets</strong></td>
<td>8,866,071</td>
<td>8,587,349</td>
<td>3%</td>
</tr>
</tbody>
</table>

### Non-current assets

<table>
<thead>
<tr>
<th></th>
<th>Year end 2007</th>
<th>Year end 2006</th>
<th>% change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other financial assets</td>
<td>1,085,117</td>
<td>911,576</td>
<td>19%</td>
</tr>
<tr>
<td>Property, plant and equipment</td>
<td>1,479,543</td>
<td>1,186,303</td>
<td>25%</td>
</tr>
<tr>
<td>Long term deposit investment</td>
<td>1,508,750</td>
<td>1,587,600</td>
<td>-5%</td>
</tr>
<tr>
<td><strong>Total non-current assets</strong></td>
<td>4,073,410</td>
<td>3,685,479</td>
<td>11%</td>
</tr>
<tr>
<td><strong>Total assets</strong></td>
<td>12,939,481</td>
<td>12,272,828</td>
<td>5%</td>
</tr>
</tbody>
</table>

### Liabilities

<table>
<thead>
<tr>
<th></th>
<th>Year end 2007</th>
<th>Year end 2006</th>
<th>% change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accrued expenses</td>
<td>1,011,004</td>
<td>1,157,664</td>
<td>-13%</td>
</tr>
<tr>
<td>Provisions</td>
<td>788,258</td>
<td>561,878</td>
<td>40%</td>
</tr>
<tr>
<td>Unearned revenue</td>
<td>3,388,385</td>
<td>3,390,538</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total liabilities</strong></td>
<td>5,187,647</td>
<td>5,110,080</td>
<td>2%</td>
</tr>
</tbody>
</table>

### Equity

<table>
<thead>
<tr>
<th></th>
<th>Year end 2007</th>
<th>Year end 2006</th>
<th>% change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Share capital</td>
<td>0.89</td>
<td>0.79</td>
<td>12%</td>
</tr>
<tr>
<td>Reserves</td>
<td>80,609</td>
<td>114,006</td>
<td>-29%</td>
</tr>
<tr>
<td>Retained earnings</td>
<td>7,671,224</td>
<td>7,048,741</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Total equity</strong></td>
<td>7,751,834</td>
<td>7,162,748</td>
<td>8%</td>
</tr>
<tr>
<td><strong>Total liabilities &amp; equity</strong></td>
<td>12,939,481</td>
<td>12,272,828</td>
<td>5%</td>
</tr>
</tbody>
</table>

## Notes:

The balance sheet, profit and loss, and cash flow statement are the consolidation of APNIC Pty Ltd accounts being translated into US$.

For a better understanding of APNIC Pty Ltd’s financial position and performance, as represented by the results of its operations and its cashflows for the financial year ended 31 December 2007, the balance sheet, profit and loss, and cash flow statement should be read in conjunction with the annual statutory financial report and the audit report contained therein.

The amounts in this APNIC financial report are expressed in US$. The exchange rate used to convert AUS$ amounts to US$ in this report (0.8875), is based on the notes spot rate as at 31 December 2007 as provided by the Australian Taxation Office.
## Profit and loss statement

<table>
<thead>
<tr>
<th></th>
<th>2007 in US$</th>
<th>2006 in US$</th>
<th>% change from 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exchange rate (see Note)</td>
<td>0.8448</td>
<td>0.7574</td>
<td>12%</td>
</tr>
<tr>
<td><strong>Revenue</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest income</td>
<td>508,158</td>
<td>428,214</td>
<td>19%</td>
</tr>
<tr>
<td>IP resource application fees</td>
<td>645,965</td>
<td>583,655</td>
<td>11%</td>
</tr>
<tr>
<td>Membership fees</td>
<td>5,155,736</td>
<td>4,159,073</td>
<td>24%</td>
</tr>
<tr>
<td>Non-member fees</td>
<td>120,607</td>
<td>90,971</td>
<td>33%</td>
</tr>
<tr>
<td>Per allocation fees</td>
<td>1,056,931</td>
<td>795,127</td>
<td>33%</td>
</tr>
<tr>
<td>Reactivation fees</td>
<td>10,015</td>
<td>8,630</td>
<td>16%</td>
</tr>
<tr>
<td>Sundry income</td>
<td>179,279</td>
<td>183,638</td>
<td>-2%</td>
</tr>
<tr>
<td><strong>Sub-total</strong></td>
<td>7,676,691</td>
<td>6,249,308</td>
<td>23%</td>
</tr>
<tr>
<td>Exchange rate gain/(loss)</td>
<td>(276,945)</td>
<td>(94,854)</td>
<td>192%</td>
</tr>
<tr>
<td><strong>Total revenue</strong></td>
<td>7,399,746</td>
<td>6,154,454</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Expenditure</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication expenses</td>
<td>175,902</td>
<td>94,863</td>
<td>85%</td>
</tr>
<tr>
<td>Depreciation expense</td>
<td>477,376</td>
<td>394,959</td>
<td>21%</td>
</tr>
<tr>
<td>Donation/sponsorship</td>
<td>92,167</td>
<td>63,487</td>
<td>45%</td>
</tr>
<tr>
<td>ICANN contract fees</td>
<td>205,682</td>
<td>185,870</td>
<td>11%</td>
</tr>
<tr>
<td>Meeting and training expenses</td>
<td>121,075</td>
<td>90,642</td>
<td>34%</td>
</tr>
<tr>
<td>Membership fees</td>
<td>44,526</td>
<td>58,640</td>
<td>-24%</td>
</tr>
<tr>
<td>Other operating expenses</td>
<td>1,400,163</td>
<td>1,028,173</td>
<td>36%</td>
</tr>
<tr>
<td>Professional fees</td>
<td>330,705</td>
<td>319,974</td>
<td>3%</td>
</tr>
<tr>
<td>Rent and outgoings</td>
<td>376,845</td>
<td>300,880</td>
<td>25%</td>
</tr>
<tr>
<td>Salaries</td>
<td>3,279,809</td>
<td>2,679,805</td>
<td>22%</td>
</tr>
<tr>
<td>Travel expenses</td>
<td>1,002,557</td>
<td>721,577</td>
<td>39%</td>
</tr>
<tr>
<td><strong>Total expenditure</strong></td>
<td>7,506,807</td>
<td>5,938,870</td>
<td>26%</td>
</tr>
<tr>
<td><strong>Operating profit/(loss) before income tax expense</strong></td>
<td>(107,061)</td>
<td>215,584</td>
<td>-150%</td>
</tr>
<tr>
<td>Income tax expense</td>
<td>92,406</td>
<td>80,917</td>
<td>14%</td>
</tr>
<tr>
<td><strong>Operating profit/(loss) after income tax expense</strong></td>
<td>(199,467)</td>
<td>134,667</td>
<td>-248%</td>
</tr>
</tbody>
</table>
Cash flow statement

For the year ended 31 December 2007

<table>
<thead>
<tr>
<th></th>
<th>2007 (US$)</th>
<th>2006 (US$)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exchange rate (see Note)</strong></td>
<td>0.8875</td>
<td>0.7938</td>
</tr>
<tr>
<td><strong>Cash flows from operating activities:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receipts from members and customers</td>
<td>7,801,202</td>
<td>6,111,597</td>
</tr>
<tr>
<td>Payments to suppliers and employees</td>
<td>(7,634,967)</td>
<td>(5,552,644)</td>
</tr>
<tr>
<td>Interest received</td>
<td>505,618</td>
<td>444,621</td>
</tr>
<tr>
<td>Income tax (paid)/received</td>
<td>(63,161)</td>
<td>(35,330)</td>
</tr>
<tr>
<td><strong>Net cash inflow from operating activities</strong></td>
<td>608,692</td>
<td>968,244</td>
</tr>
<tr>
<td><strong>Cash flows from investing activities:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payments for property, plant and equipment</td>
<td>(663,530)</td>
<td>(554,796)</td>
</tr>
<tr>
<td>Proceeds from sale of property, plant and equipment</td>
<td>4,962</td>
<td>1,746</td>
</tr>
<tr>
<td>Proceeds from sale of available-for-sale financial assets</td>
<td>1,166,230</td>
<td>0</td>
</tr>
<tr>
<td><strong>Net cash outflow from investing activities</strong></td>
<td>507,662</td>
<td>(553,050)</td>
</tr>
<tr>
<td><strong>Net increase/(decrease) in cash held:</strong></td>
<td>1,116,354</td>
<td>415,194</td>
</tr>
<tr>
<td>Cash at the beginning of the financial year</td>
<td>4,521,724</td>
<td>3,809,068</td>
</tr>
<tr>
<td>Effects of exchange rate changes on cash</td>
<td>242,800</td>
<td>297,462</td>
</tr>
<tr>
<td><strong>Cash reserve at the end of the financial year</strong></td>
<td>5,880,878</td>
<td>4,521,724</td>
</tr>
</tbody>
</table>

Note:
The amounts in this APNIC financial report are expressed in US$. The exchange rate used to convert AU$ amounts to US$ in this report (0.8875), is based on the notes spot rate as at 31 December 2007 as provided by the Australian Taxation Office.
Afi lias
Aircel
China Internet Network Information Center
Cisco Systems
Department of Information Technology, India (DIT)
F-Secure
Force 10 Networks
Google
Guavus
Japan Network Information Center
Juniper Networks
National Internet Development Agency of Korea
National Internet Exchange of India (NIXI)
Reliance
Spectranet
Taiwan Network Information Center
Tulip
VSNL

Nominum for DNS server software
Netapp for disk arrays
Telstra for transit
WIDE for rack and transit in Japan
Webcentral for rack space
HKIX for rack in HK
HK transit by REACH

IPv6 Forum HK Chapter, Cyberport, NTT, ISOC HK
InternetNZ
Dhiraagu
Lanka Internet Services
International Training Institute
National University of Laos
Asian Institute of Technology (AIT)/Internet Education and Research Laboratory (intERLab)
The University of the South Pacific
PacINET
Vietnam Internet Network Information Center (VNNIC)
AngkorNet/Anana Computer
Datacom
Republic Polytechnic
China Telecom
Networkers’ Society of Pakistan (NSP)
Advanced Science and Technology Institute (ASTI)
Nepal Internet Exchange (NPIX)
Internet Service Providers Association Bangladesh (ISPAB)
IPv6 Summit