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IPv6 Technical SIG
APNIC 20@Hanoi, Vietnam

JPNIC IPv6 registry service experience

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History

1999 :

APNIC launched IPv6 allocation service

Feb, 2000 :

JPNIC started IPv6 request agent service for its members

...

May 16th, 2005 :

JPNIC launched its own IPv6 registry system



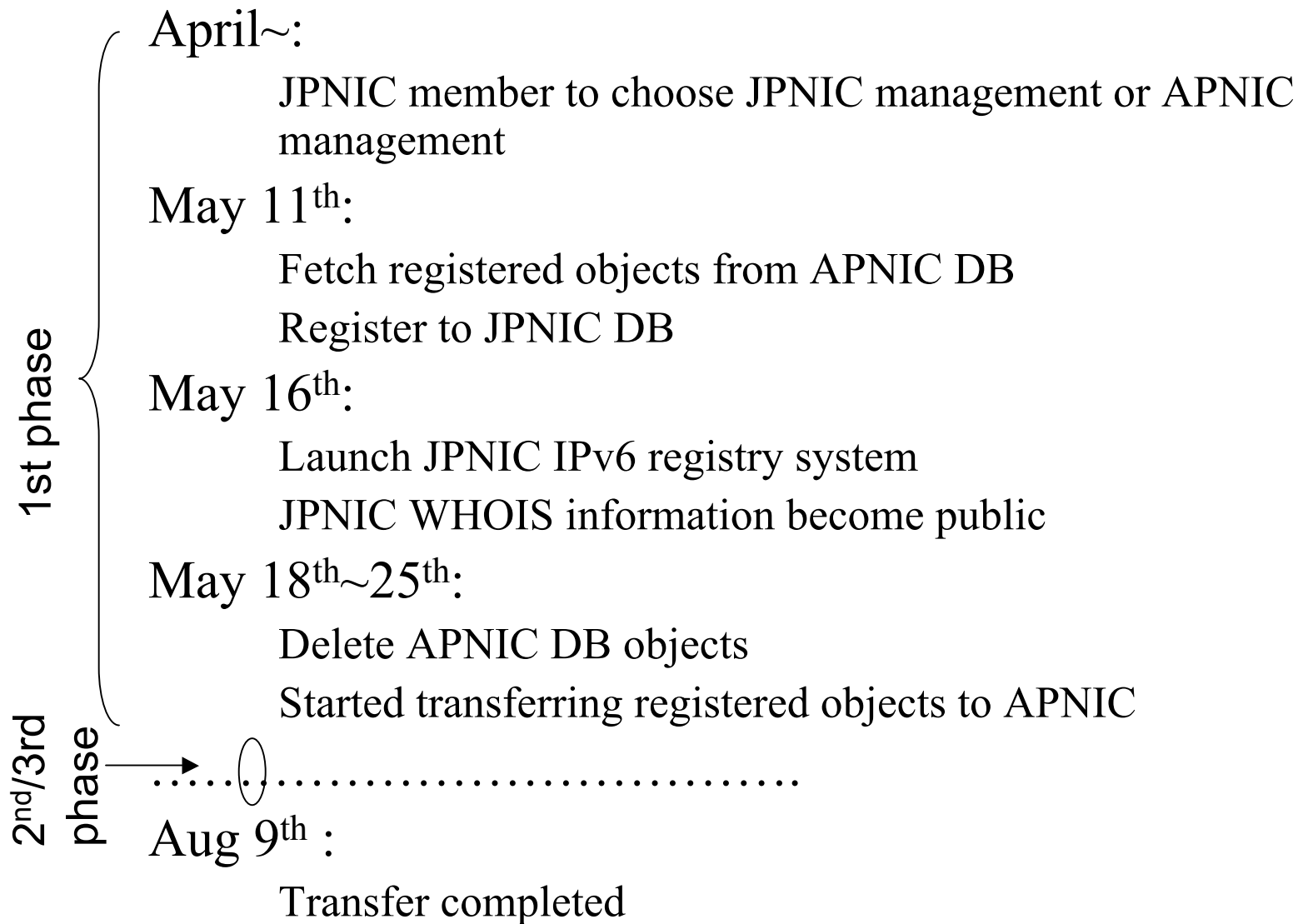
JPNIC IPv6 Service

- Resource Request
 - Allocation request (initial/subsequent)
 - DB Registration (allocation/sub-allocation/assignment/contact information)
 - Reverse DNS request
- WHOIS DB
 - View/Query

These can be done in local language (Japanese).
(Network Information is registered both in Japanese and English)

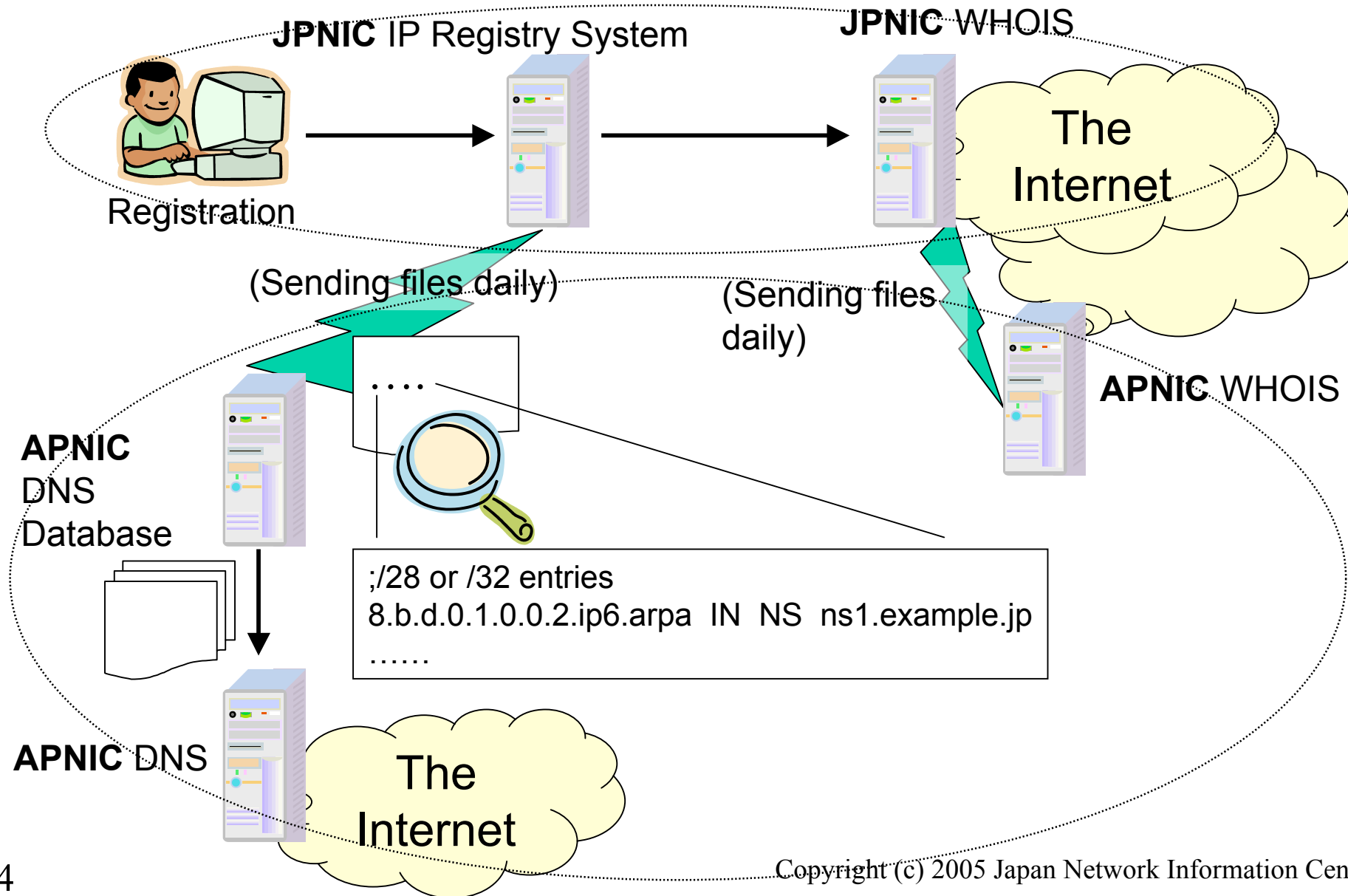


Transfer schedule





System Overview





APNIC WHOIS Before/After

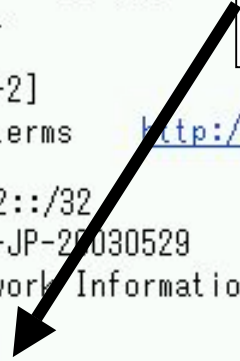
(Before transferring the objects to JPNIC)

The screenshot shows a web browser window with the URL <http://www.apnic.net/apnic-bin/whois.pl>. The page title is "Query the APNIC Whois Database". Below the title, there is a "Need help?" section with links for "General search help", "Help tracking spam and hacking", and "To assist you with debugging problems behind a web proxy.". The main content is a WHOIS query result for the handle JPNIC-AP. The output is as follows:

```
% [whois.apnic.net node-2]
% Whois data copyright terms http://www.apnic.net/db/dbcopyright.htm

inet6num:      2001:0DC2::/32
netname:         JPNIC-NET-JP-25030529
descr:          Japan Network Information Center
country:        JP
admin-c:        JNIC1-AP
tech-c:         JNIC1-AP
mnt-by:         MAINT-JPNIC
remarks:        JPNIC Allocation Block
```

APNIC handle (searchable with APNIC WHOIS)





APNIC WHOIS Before/After

(After transferring the objects to JPNIC)

```
source:      APNIC

inet6num:    2001:0dc2::/32
netname:     JPNIC-NET-JP-20030529
descr:      Japan Network Information Center
country:     JP
admin-c:     JP00000029
tech-c:      JP00000038
remarks:     This information has been
remarks:     JPNIC. To obtain more specific information, please use the
remarks:     JPNIC WHOIS Gateway at
remarks:     http://www.nic.ad.jp/en/db/whois/en-gateway.html or
remarks:     whois.nic.ad.jp for WHOIS client. (The WHOIS client
remarks:     defaults to Japanese output, use the /e switch for English
remarks:     output)
changed:     apnic-ftp@nic.ad.jp 20030529
changed:     apnic-ftp@nic.ad.jp 20050519
source:      JPNIC
```

JPNIC group handle (searchable only with **JPNIC** WHOIS)

Please use JPNIC WHOIS for contact information (e.g. XX1234JP or JP12345678 <JP+8digits>)



JPNIC WHOIS -1

<http://www.nic.ad.jp/en/db/whois/en-gateway.html>

WHOIS Gateway

社団法人 日本ネットワークインフォメーションセンター
Japan Network Information Center

JPNIC's contributions to the Internet

WHOIS Gateway

Search Keyword

Search Type

select	type	example
<input checked="" type="radio"/>	Not specified	
<input type="radio"/>	Network Information(IP address)	192.168.0.1 10.01.0/24



JPNIC WHOIS -2

```
JPNIC Whois Gateway | Query the APNIC Whois Database | Query the APNIC Whois D
[ JPNIC database provides information regarding IP address and ASN. Its use ]
[ is restricted to network administration purposes. For further information, ]
[ use 'whois -h whois.nic.ad.jp help'. To only display English output, ]
[ add '/e' at the end of command, e.g. 'whois -h whois.nic.ad.jp xxx/e'. ]

Network Information:
[Network Number]          2001:0dc2::/32
[Network Name]           JPNIC-NET-JP-20030529
[Organization]           Japan Network Information Center
[Administrative Contact] JP00000029
[Technical Contact]      JP00000038
[Nameserver]
[Assigned Date]          2003/05/29
[Return Date]
[Last Update]            2005/05/19 17:24:17(JST)

Less Specific Info.
-----
No match!!

More Specific Info.
-----
No match!!
```



JPNIC WHOIS -3

```
http://whois.nic.ad.jp/cgi-bin/whois gw

[ JPNIC database provides information regarding IP address and ASN. Its
[ is restricted to network administration purposes. For further informat
[ use 'whois -h whois.nic.ad.jp help'. To only display English output,
[ add '/e' at the end of command, e.g. 'whois -h whois.nic.ad.jp xxx/e'.

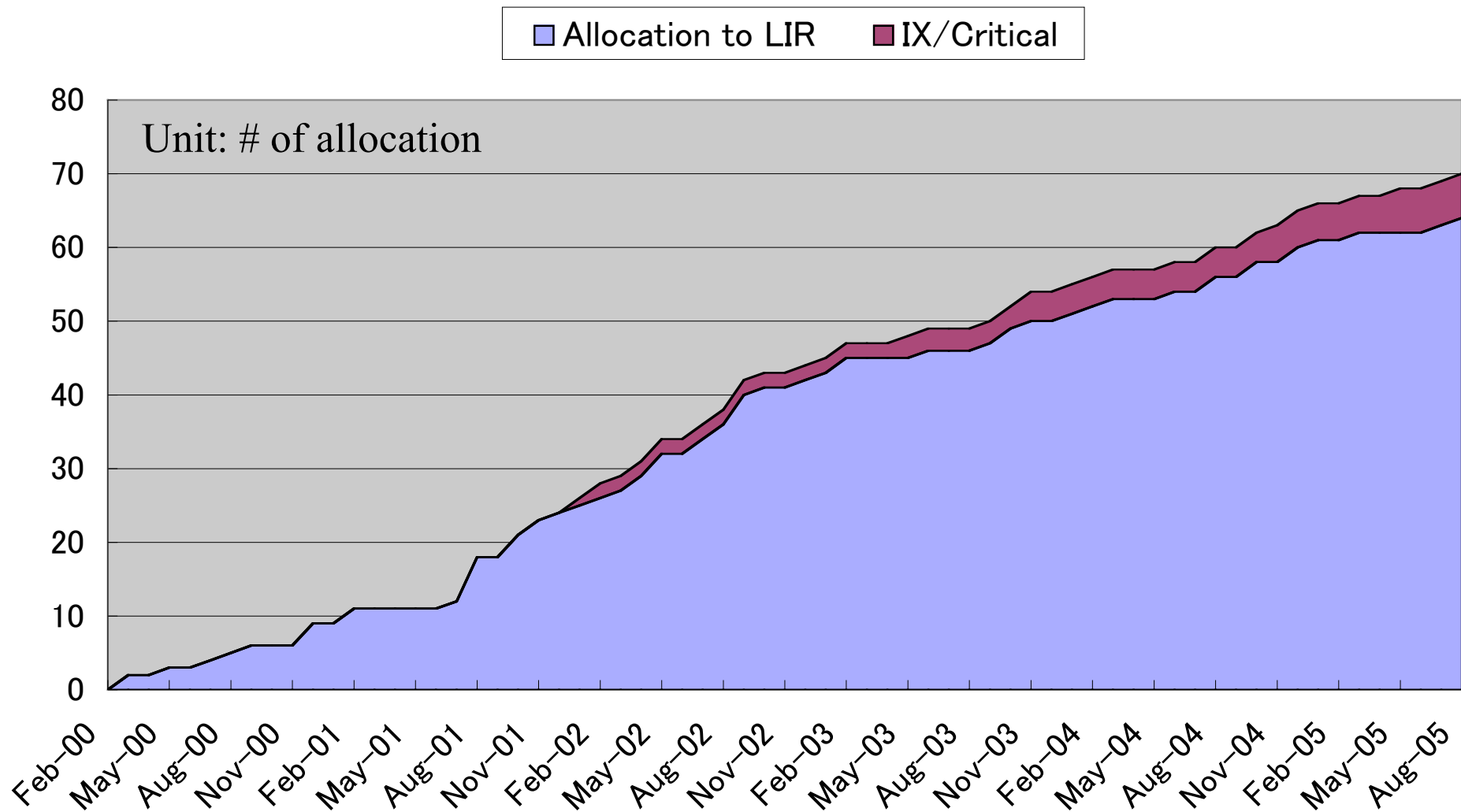
Group Contact Information:
[Group Handle]          JP00000038
[Group Name]           Engineering Group
[E-Mail]               system@nic.ad.jp
[Organization]         Japan Network Information Center
[Division]             Engineering Group
[TEL]                 03-5297-2311
[FAX]                 03-5297-2312
[Last Update]         2005/05/15 16:56:03(JST)
```



Statistics



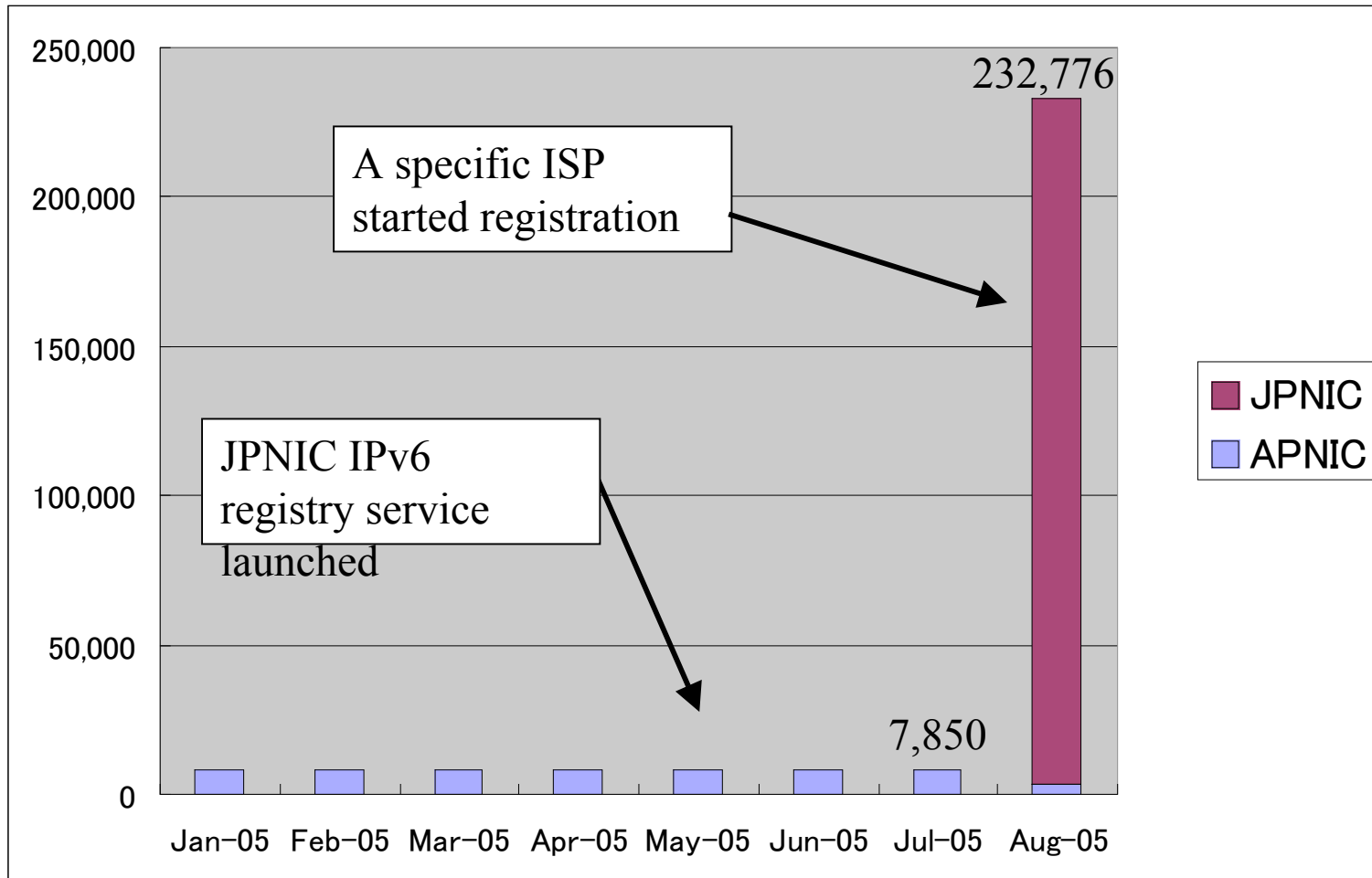
Statistics - allocation





Statistics - assignment

Unit: /48





Questions?