

## Privacy of customer assignments

TWNIC OPM 3  
Database SIG  
24 November, 2004  
Taipei

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## Introduction

- Presenter
  - Miwa Fujii [miwa@apnic.net](mailto:miwa@apnic.net)
- Overview of this presentation
  - Explanation of the customer privacy policy implementation
  - New system configuration
  - Usage of MyAPNIC

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## Customer privacy

- Policy proposal to protect privacy of customer assignment records at APNIC 16 (Aug 2003)
  - Achieved consensus
- Motivation of the proposal
  - Privacy issues
    - Concerns about publication of customer information
    - Increasing government concern
  - APNIC legal risk
    - Legal responsibility for accuracy and advice
    - Damages incurred by maintaining inaccurate personal data
  - Customer data is hard to maintain
    - APNIC has no direct control over accuracy of data
- Customer assignment registration is still mandatory

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## Customer privacy

- Policy implementation
  - Completed in September 2004
  - New system developed
    - Public data
      - Includes portable addresses (inetnum objects), and other objects e.g. route objects
      - Public data: must be visible
    - Private data
      - Can include non-portable addresses (inetnum objects)
      - Members have the option to make private data visible
  - Customer assignments
    - Should be private data
    - Can be changed to be public data (public data is an optional choice)

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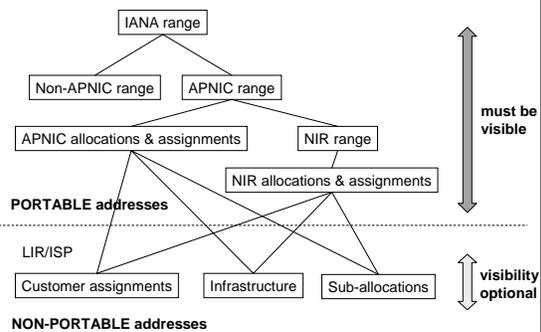
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## What needs to be visible?




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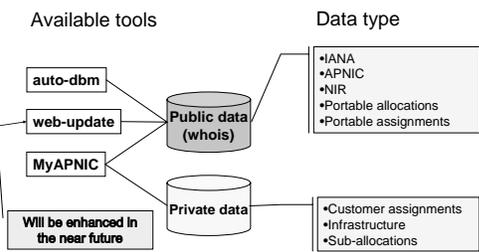
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## System Configuration



- To update private data
  - Use MyAPNIC
  - auto-dbm will not work
- Any questions
  - Send email to [helpdesk@apnic.net](mailto:helpdesk@apnic.net)

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## Public (visible) or private (invisible)



- All objects we discussed in "APNIC Whois Database" module



- IPv4 inetnum objects for customer assignments
- IPv6 inet6num objects for customer assignments

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## What do you see in MyAPNIC?

The screenshot shows the MyAPNIC interface with two sections: "Public records" and "Private records".

**Public records:**

Network Name	Start IP	End IP	Maintained By	Changed
EXAMPLE-NET	202.137.20.0	202.137.27.255	noc-change@example.com	20041022

**Private records:**

Network Name	Start IP	End IP	Maintained By	Changed
EXAMPLE-WF	202.137.20.0	202.137.20.15	noc-change@example.com	20041022
EXAMPLE-AP	202.137.20.16	202.137.20.31	noc-change@example.com	20041022
EXAMPLE-AS	202.137.20.32	202.137.20.47	noc-change@example.com	20041022

Annotations in the image:

- "Public records" points to the public record table.
- "Private records" points to the private record table.
- "If you query this data in the APNIC Whois Database..." points to the public record table.

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## Querying in the APNIC Whois Database

```

inetnum: 202.137.20.0 - 202.137.27.255
netname: EXAMPLE-WF
country: WF
descr: EXAMPLE NET
descr: Internet Service Provider-XYZ city
admin-c: XX26-AP
tech-c: XY31-AP
status: ALLOCATED PORTABLE
changed: noc.@e.net.id 20041022
mnt-by: APNIC-HM
mnt-lower: MAINT-WF-EXAMPLINET
source: APNIC
  
```

Only the parent block range is shown

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## Querying in the APNIC Whois Database

```
inetnum: 202.137.31.96 - 202.137.31.111
netname: CITYCOUNCIL-WF
country: WF
descr: CUSOMER OF EXAMPLE.NET
descr: xyz City Council e-government network
admin-c: XX26-AP
tech-c: XY31-AP
status: ASSIGNED NON-PORTABLE
changed: noc@e.net.id 20041022
mnt-by: MAINT-WF-EXAMPLNET
source: APNIC
```

The customer assignment inetnum object is now visible

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## How to move an object from public to private




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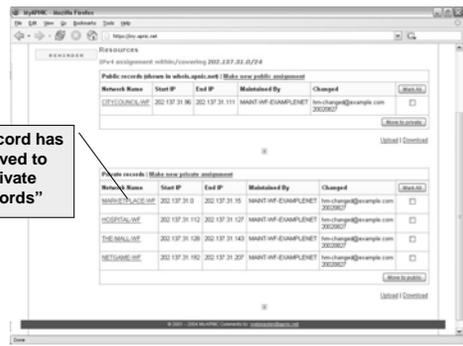
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## Result in MyAPNIC




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## Summary

- Policy proposal to protect privacy of customer assignment records
  - Implemented in September 2004
  - Public data and private data
    - Public data: visible
    - Private data: visibility optional
  - To update private data
    - Use MyAPNIC
    - [aut-dbm@apnic.net](mailto:aut-dbm@apnic.net) does not work for private data

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## Questions ?

Material available at: [www.apnic.net/training/recent/](http://www.apnic.net/training/recent/)

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