

# KRNIC Project for Updated and Advanced Whois Database

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IP Address Management Team  
Korea Network Information Center

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# Purpose

## → Update

- ✓ keeping up correctness

## → Advancement

- ✓ providing multilateral search function

Build up infrastructure of prompt  
correspondence against Internet Abuse

Provide clean and transparent Internet culture  
and environment

# Main Contents

➡ Update of registered IP address user's

information

- ✓ Planning for keeping correct IP address user's Whois information
- ✓ Driving & upkeeping registered information

➡ Advancement of registered IP address user's information search system

- ✓ Analysis and planning of Whois user's request
- ✓ Driving advancement of search system and

multilateral support

# Strategy

- Lineup “Associated Body” at the working level with related organization
- Setup effective and reasonable plan for update and advancement
- Draw guidelines for ISP’s voluntary whois update

# Setup Associated Body

▶ At the working level in related organizations

- NIS, Cyber National Police Agency, FSS
- KISA, ICEC
- Korea ISP Association(KISPA)
- KRNIC Member ISPs

# Whois Update Guidelines

- ➔ Setup the guidelines through Associated Body (4.20)
- ➔ Confirm the guidelines through legal examination (7.28)
- ➔ Train KRNIC member ISPs, announce through E-mail and web page (7.29)

# Whois Update Schedule

- ▶ Check and organization of database  
: June 23, 2003 – July 12, 2003
- ▶ Classification and check of new items  
: July 14, 2003 – July 31, 2003
- ▶ IP address user's information check and update  
: August 1, 2003 – October 10, 2003

# Classification of new Items

- ▶ Network classification
- ▶ Internet services classification
- ▶ Customer organization classification

# Network Classification

IP Address Maintainer	Classified Fields
ISP	INFRA
Customer Org.	CUSTOMER

# Internet Services Classification

Service Name	Classified Fields
INFRA	INFRA
Leased Line	LLINE
ADSI	ADSI
VDSI	VDSI
SDSI	SDSI
HDSI	HDSI
CATV	CATV
SERVER-HOSTING	SERVERHOSTING
CO-LOCATION	COLOCATION
WEB-HOSTING	WEBHOSTING
ISDN	ISDN
DIAL-UP	PPP
METRO-ETHERNET	METRO
WIRELESS-LAN	WIRELESS
BWLL/WLL	WLL
SATELLITE	SATELLITE
	ETC

# Customer Organization Classification

Customer Org.	Classified Field
INFRA	INFRA
Corporation	CORPORATION
Person	PERSON
Apartment	APT
School	SCHOOL
PC Room	PCROOM
Internet Café	CAFF
Public Place	HOTSPOT
ETC	ETC

# Considerations with System

- ➔ Reflection of new fields in database table
- ➔ Change Web request according to new classification
- ➔ Development of bulk query program (under development)
- ➔ Development of batch process program (under development)

