



# KRNIC Activity in 2007

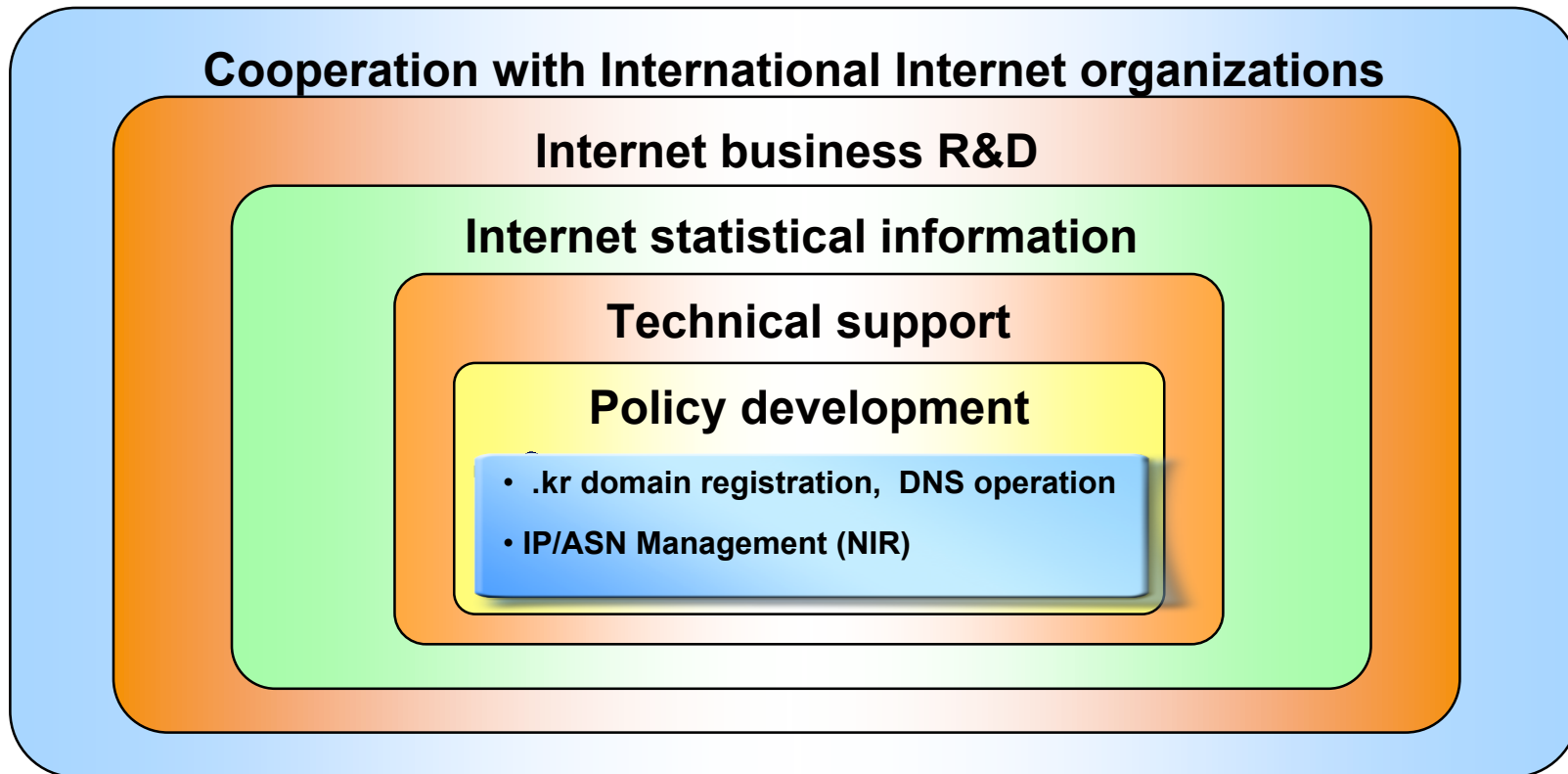
Feb, 2008  
KRNIC of NIDA  
[ip-all@nida.or.kr](mailto:ip-all@nida.or.kr)



- History of KRNIC
- Internet Protocol 法
- Member meeting
- Member service
- System improvement

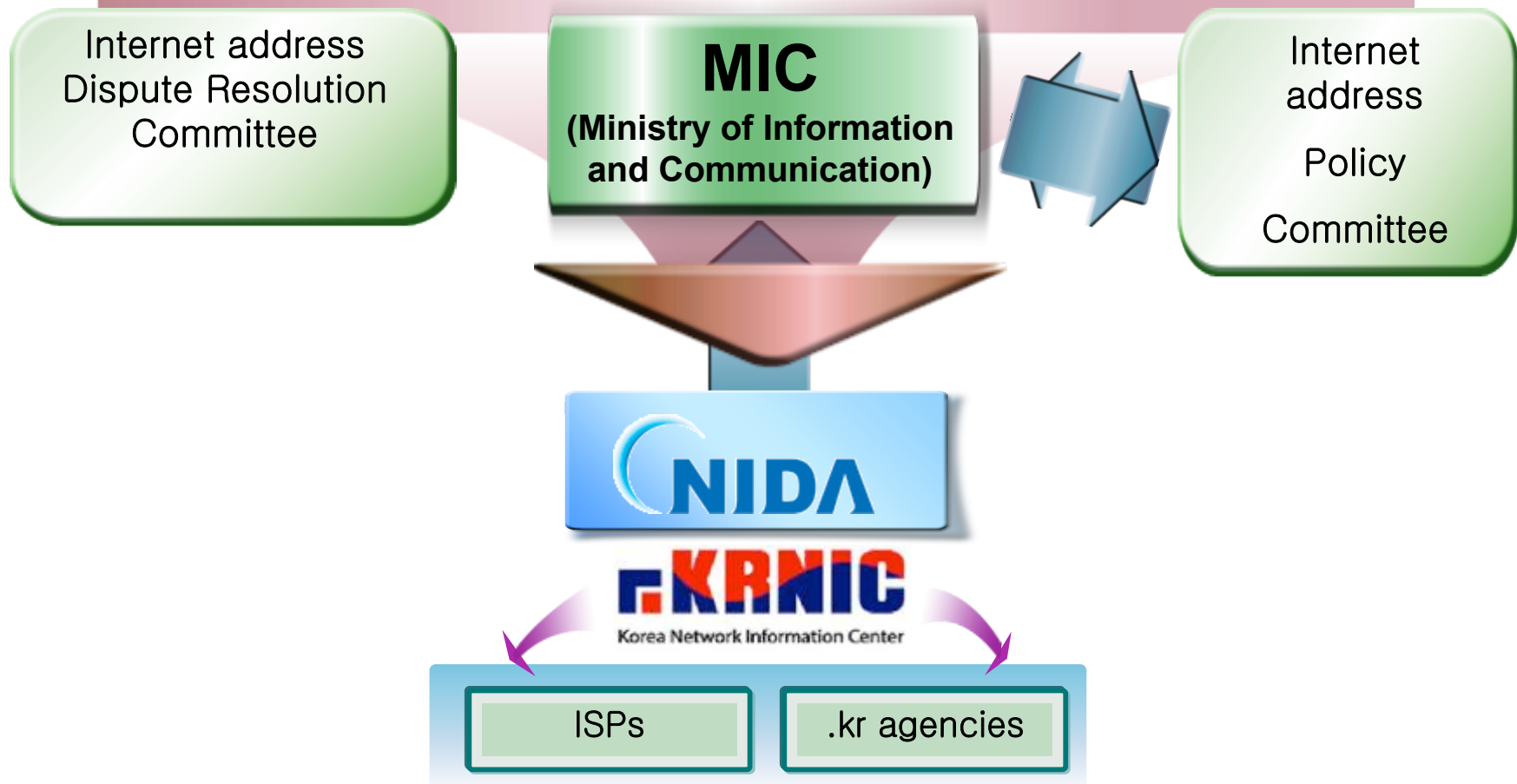
# History of KRNIC

- Jun. 29, 1999 : KRNIC was founded as a non-profit organization
- Jul. 30, 2004 : Act on Internet Address Resources was enacted
  - NIDA was founded and KRNIC became the sub-organization of NIDA



# Internet Protocol 法

## “Act on Address Resources”



# Member Meeting

- ISP workshop

- First half workshop (April, Attendee : 61)
  - ★ IPv6 network, IP/ASN trends & policies
- Second half workshop (September, Attendee : 43)
  - ★ VoIP, Internet services in public sector

- ISP visit (January – December, 58 ISPs)

- Visit & Listen closely ISP's opinions
- Make the changes that are necessary
  - ★ Education for IP management
  - ★ KRNIC member service improvement

# Member Meeting

- ISP seminar

- First half seminar (Jun, Attendee : 77)

- ★ DNS, IPv6, IPTV and technical education

- Second half workshop (December, Attendee : 59)

- ★ Spamming, Hacking, and Security issues



# Member service

## Electronic booking system for customer satisfaction

The screenshot shows a web browser window with the URL `http://member.nic.or.kr:9000/index.html`. The page title is "IP관리팀 Staff 전용 :::". The main content area is titled "고객민원 등록" (Customer Complaint Registration). Below this, there is a section for "고객민원 등록 (\*표시는 필수선택항목)" (Customer Complaint Registration (\*Required items)).

접수일자	접수자	처리자	접수방법	기관명	성명	기관분류
20080213	선택	선택	유선			선택

구분	연락처	이메일	홈페이지	처리일(예:20060810)	소요시간	처리방법
문의				20080213	즉시	유선

문의분류	IPv4주소	IPv6주소	AS번호	연비스
	선택	선택	선택	선택

처리결과	회원		기타	
	<input checked="" type="radio"/> 관련사항 설명	<input type="radio"/> 정보제공	<input type="radio"/> 관련내용 조치	<input type="radio"/> 타부서전달

내용	접수내용	처리내용

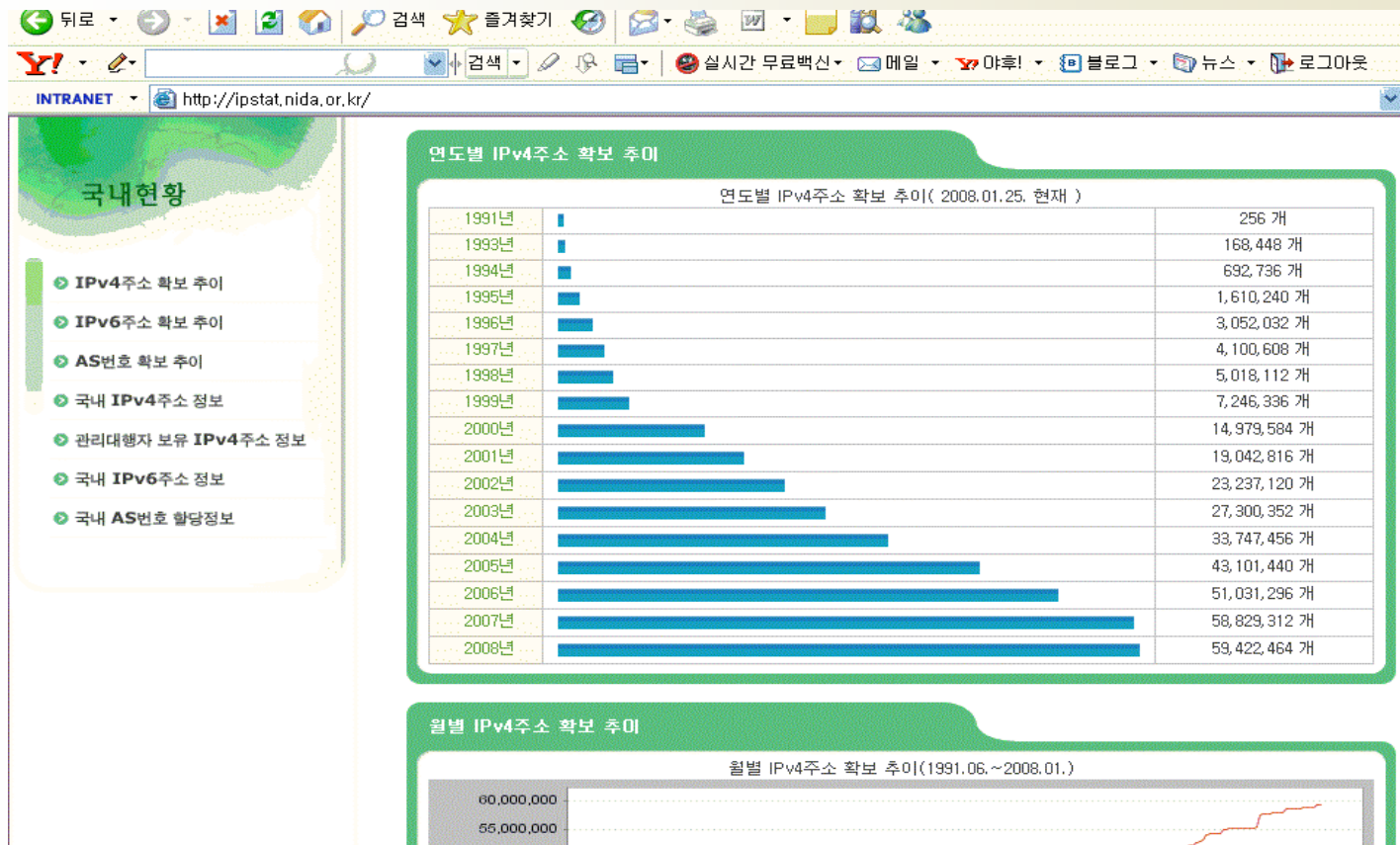
Buttons:

■ 월별 처리현황 (2008.02.01. ~ 2008.02.13.)

<Staff only>

# Member service

## IP/ASN Statistical information

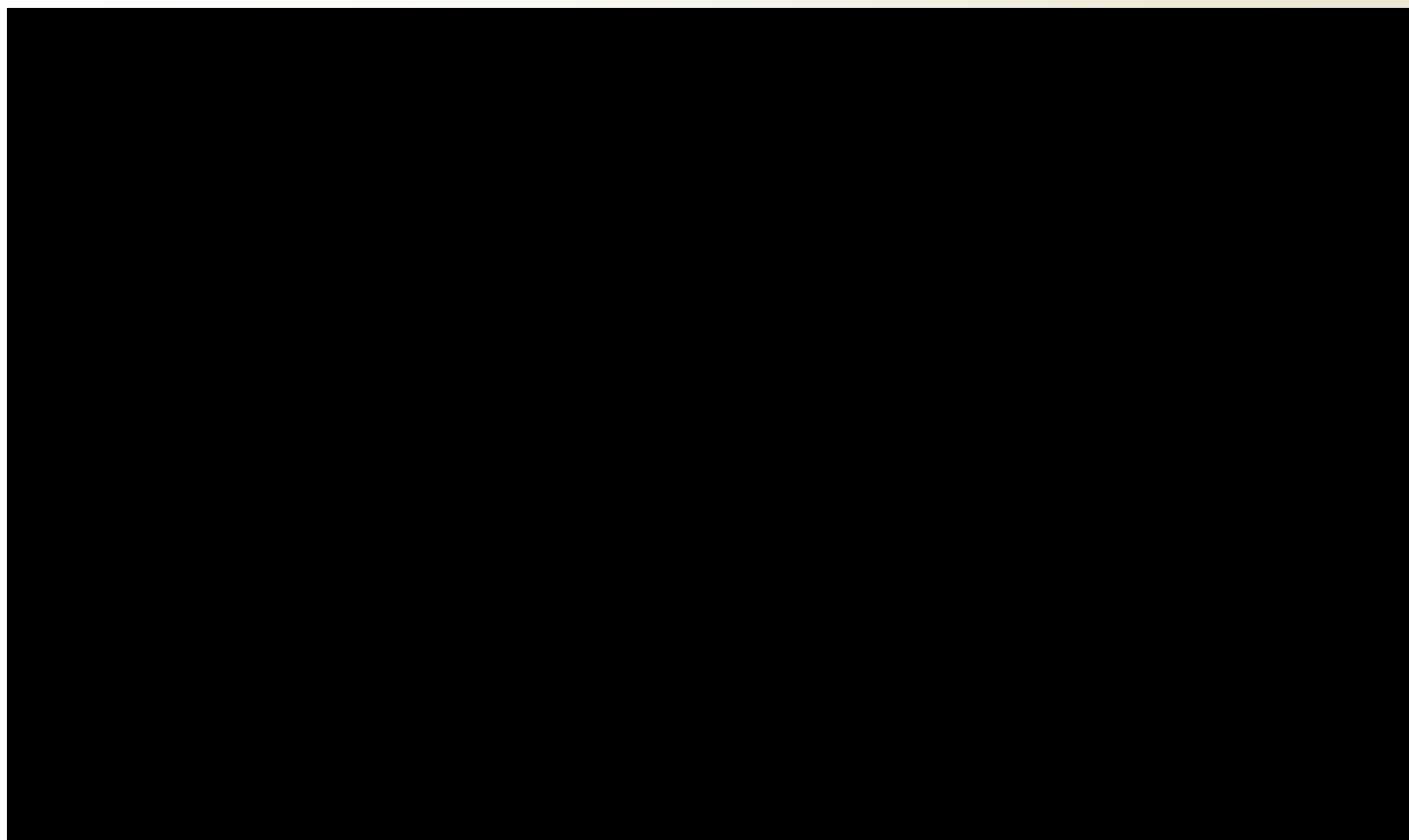


<<http://ipstat.nida.or.kr>>



## Member service

- 2007 IP/ASN report (December, 300 copies)



<[http://online.nida.or.kr/data/2007\\_Trend\\_Report.pdf](http://online.nida.or.kr/data/2007_Trend_Report.pdf)>

## System improvement

- Secondary Reverse DNS for Small size Members
  - To work as a secondary reverse DNS for small-size KRNIC members who run single reverse DNS
  - Phase 1 : Add Additional Leased Line  
(HANANET, 2Mbps)
  - Phase 2 : Deploy an Server & Install BIND
  - Phase 3 : Develop DNS management program &  
Update KRNIC member portal

# System improvement

## Secondary Reverse DNS for Small size Members

The screenshot shows a web browser window displaying the NIDA IP address/AS number management portal. The page title is "IP주소/AS번호관리에 오신것을 환영합니다." and the URL is "http://irms.nida.or.kr/". The page content includes a navigation menu, a sidebar with "IP주소/AS번호관리" and "내정보관리", and a main content area for "In-addr.arpa 도메인 변경신청".

The main content area shows the "In-addr.arpa 도메인 변경신청" form. The form includes a "신청서" (Application Form) section with a "로그아웃" button and a "신청서" button. Below this is a table for "in-addr.arpa 도메인" with columns for "네트워크 보유 IP주소" and "In-addr.arpa 도메인". The table shows the IP range "202.30.51.0 - 202.30.51.255" and the domain "51.30.202.in-addr.arpa".

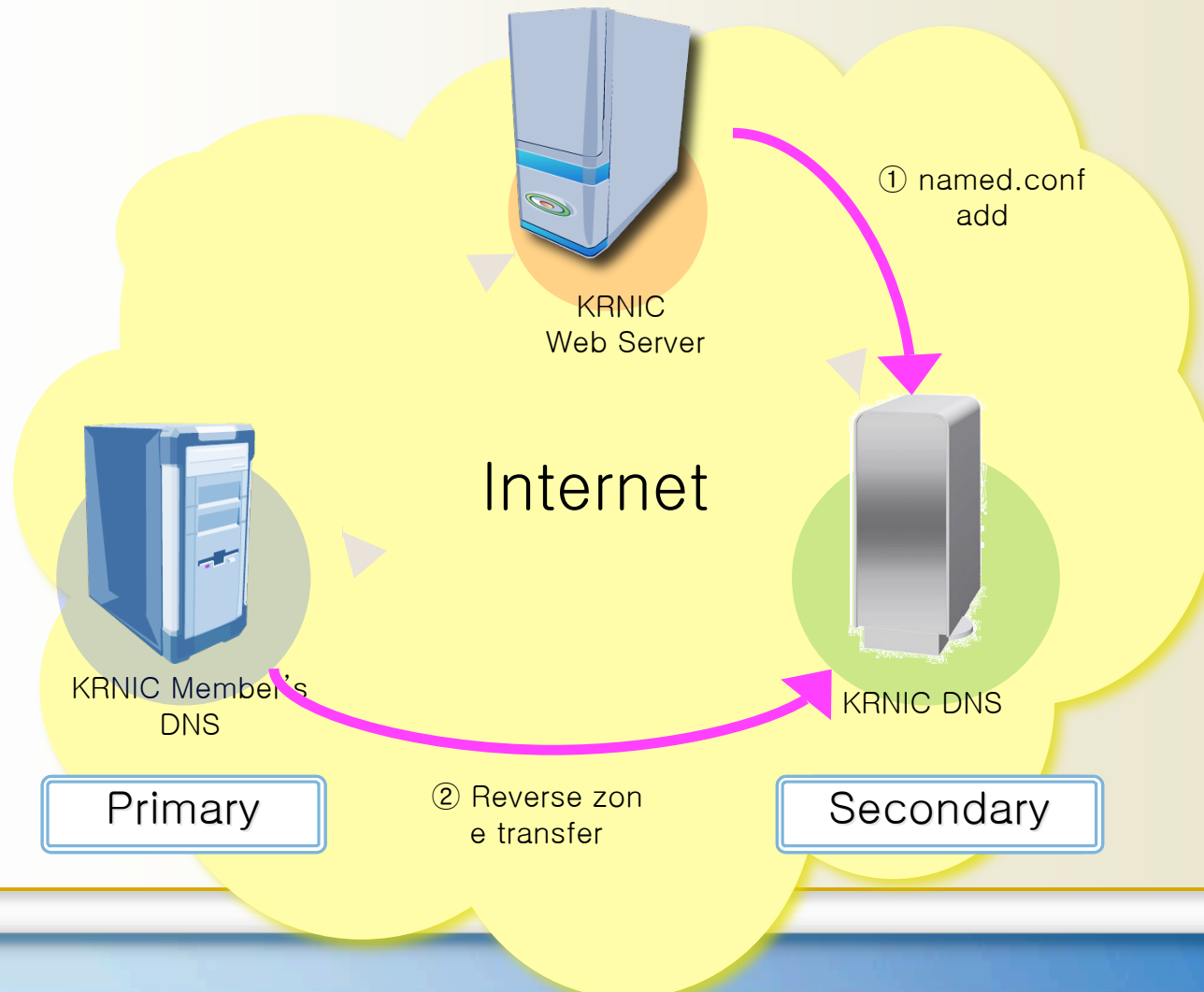
The "내임서버" (Name Server) section is highlighted with a red box. It includes a table for "내임서버" with columns for "1차 네임서버" and "2차 네임서버". The "1차 네임서버" is "ns1.nic.or.kr" and the "2차 네임서버" is empty. The "2차 네임서버" row is highlighted with a red box. The text "(인터넷진흥원이 제공하는 2차 네임서버 설정합니다.)" is visible next to the "2차 네임서버" input field.

The "추가사항" (Additional Information) section is also visible, with a text area for "추가사항 (특수문자 사용불가)".

At the bottom of the form, there are "확인" (Confirm) and "취소" (Cancel) buttons. The status bar at the bottom of the browser shows "신뢰할 수 있는 사이트 | 보호 모드: 해제" and "100%".

# System improvement

- Secondary Reverse DNS for Small size Members





**Thank you**  
ευχαριστώ