



**INFORMATION-  
INTERNET SOCIETY**



# **Indonesian National Internet Registry [NIR-ID]**

**IDNIC and ID-TLD Program**

**Information-Internet Society of Indonesia  
[ISOC-ID]**

*<http://www.isoc-id.org>*

**Bangkok, Thailand - 27 Febuary – 7 March 2002  
APRICOT 2002**



## ISOC-ID Profile

The ISOC-ID is a non-for profit, non-governmental, research, education, and national-international professional membership organization

### Secretariat

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### National Internet Registry Office [NIRO]

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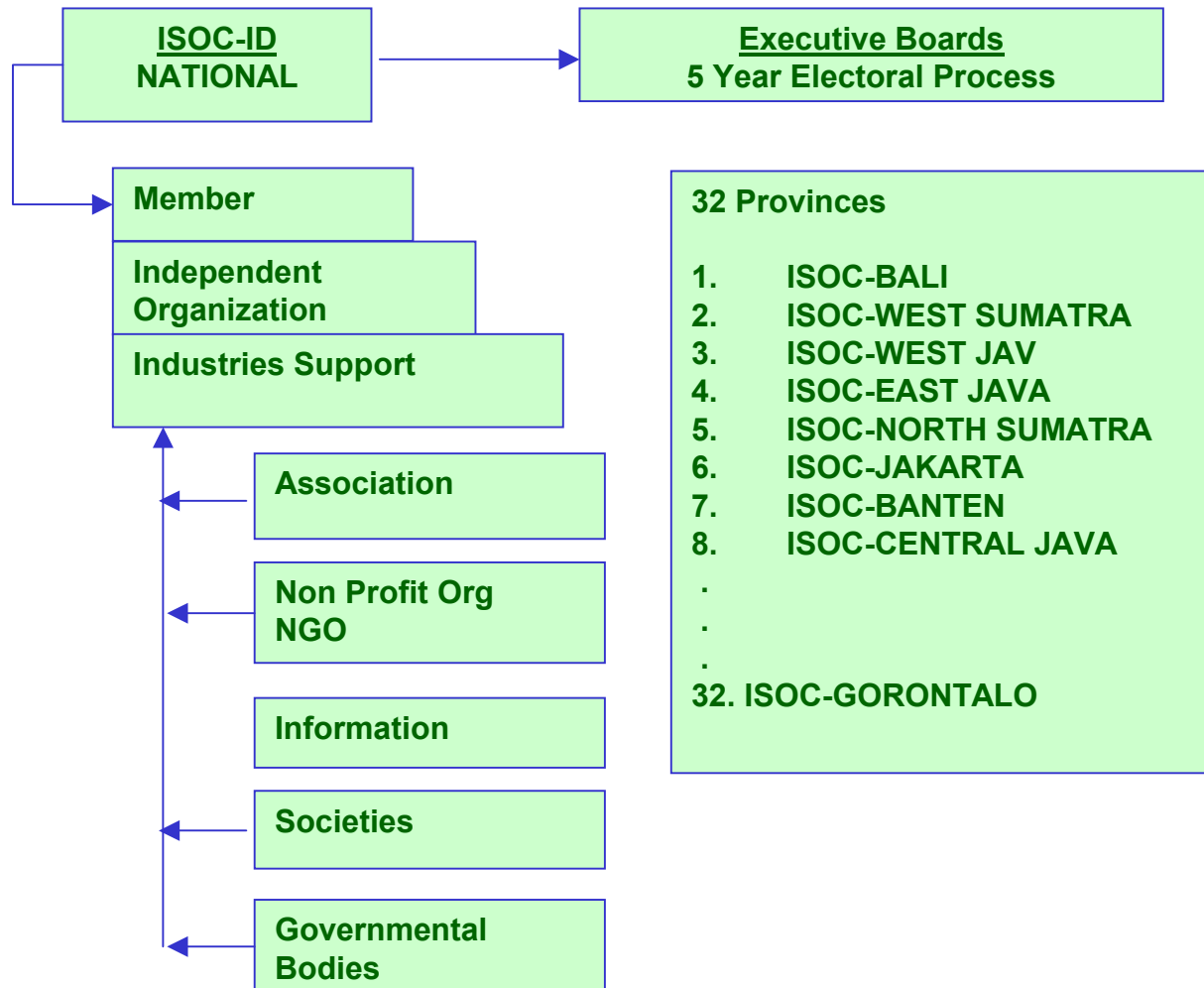


## MISSION

- Development, maintenance, evolution, and dissemination of standards for the Internet and its internetworking technologies and applications in Indonesia;
- Growth and evolution of the Internet architecture [**packetized**] in Indonesia;
- Maintenance and evolution of effective administrative processes necessary for operation of the global Internet and internets
- Education and research related to the **Internet** and **open-system resources internetworking**;
- Harmonization of actions and activities at international levels to facilitate the development and availability of the Internet;
- Collection and dissemination of information related to the Internet and internetworking, including histories and archives;

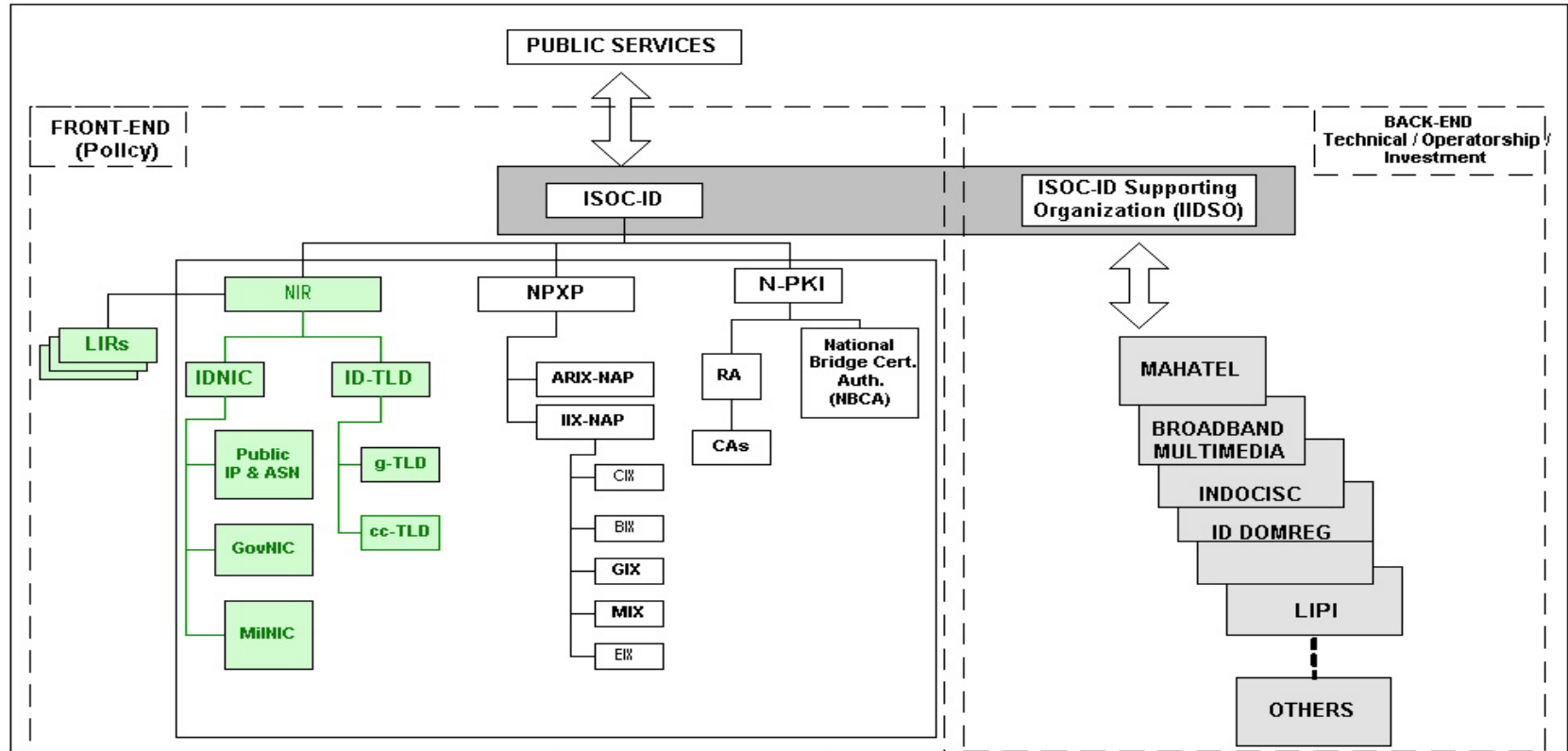


# ISOC-ID STRUCTURE





# PROGRAM STRUCTURE



<b>TITLE</b> <b>Joint Cooperation among ISOC-ID and Supporting Organization [IIDS0]</b>		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	DESCRIPTION																			<b>National Internet Registry Office [NIRO]</b>  <b>INDONESIA INSTITUTE OF SCIENCE - LIPI</b> Sasana Widya, Jln Gatot Subroto 10 Jakarta 12710 INDONESIA  V: +62 21 522 5711 F: +62 21 522 7125	
NO.	DATE	DESCRIPTION																								
DATE ORIGINAL	SCALE																									
LATEST REVISION 0005/NIR/IDNIC/2001	JOB NO.	CHECKED	DRAWN	<b>IDNIC Team</b>																						

# NIR PROGRAMS

## [1] Indonesian Top Level Domain [ID-TLD]

- \* generic Top Level Domain [g-TLD] SRS
- \* country code Top Level Domain [cc-TLD]

## [2] Indonesian Network Information Center [IDNIC]

- \* Public IP & AS Number
- \* Government Network Information Center [GovNIC]
- \* Military Network Information Center [MilNIC]



# Indonesian – Top Level Domain [ID-TLD]

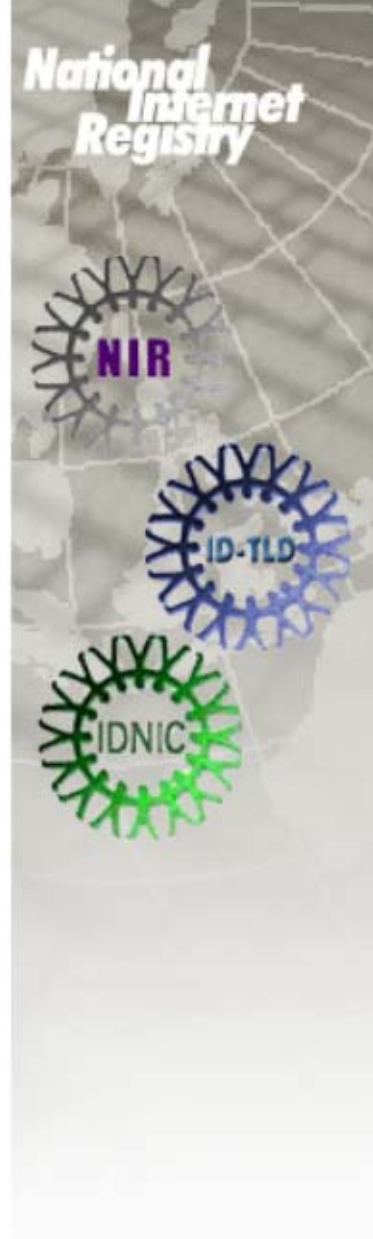
(Propose to ICANN : <http://www.tld.net.id>)

## 1. cc-TLD

- Existing : <http://www.idnic.net.id>
- Proposed to ICANN : <http://domain.net.id>
- Active since : 1995

## 2. g-TLD Shared Registry System

- Proposed to ICANN : <http://www.gtld.net.id>
- Proposed Domain : .com, .net, .org, .edu, .info, .biz, .tv



# Existing cc-TLD Statistic

[Source : ID Domreg – <http://www.idnic.net.id>]

Tahun	Bulan												Total
	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Aug	Sep	Okt	Nov	Des	
1995	2			6	27	2	8	4	2	13	13	10	<b>87</b>
1996	8	4	7	17	13	13	18	23	32	33	21	51	<b>240</b>
1997	51	11	68	34	68	57	65	56	120	80	31	78	<b>719</b>
1998	192	109	88	93	77	99	102	118	122	183	146	152	<b>1481</b>
1999	67	180	215	135	168	157	171	139	219	167	247	288	<b>2153</b>
2000	203	402	330	309	399	341	478	473	319	362	400	225	<b>4241</b>
2001	250	380	222	316	373	285	280	353	234	303	338	166	<b>3500</b>
2002	262	225											<b>487</b>
Total													<b>12908</b>

## Active Domain :

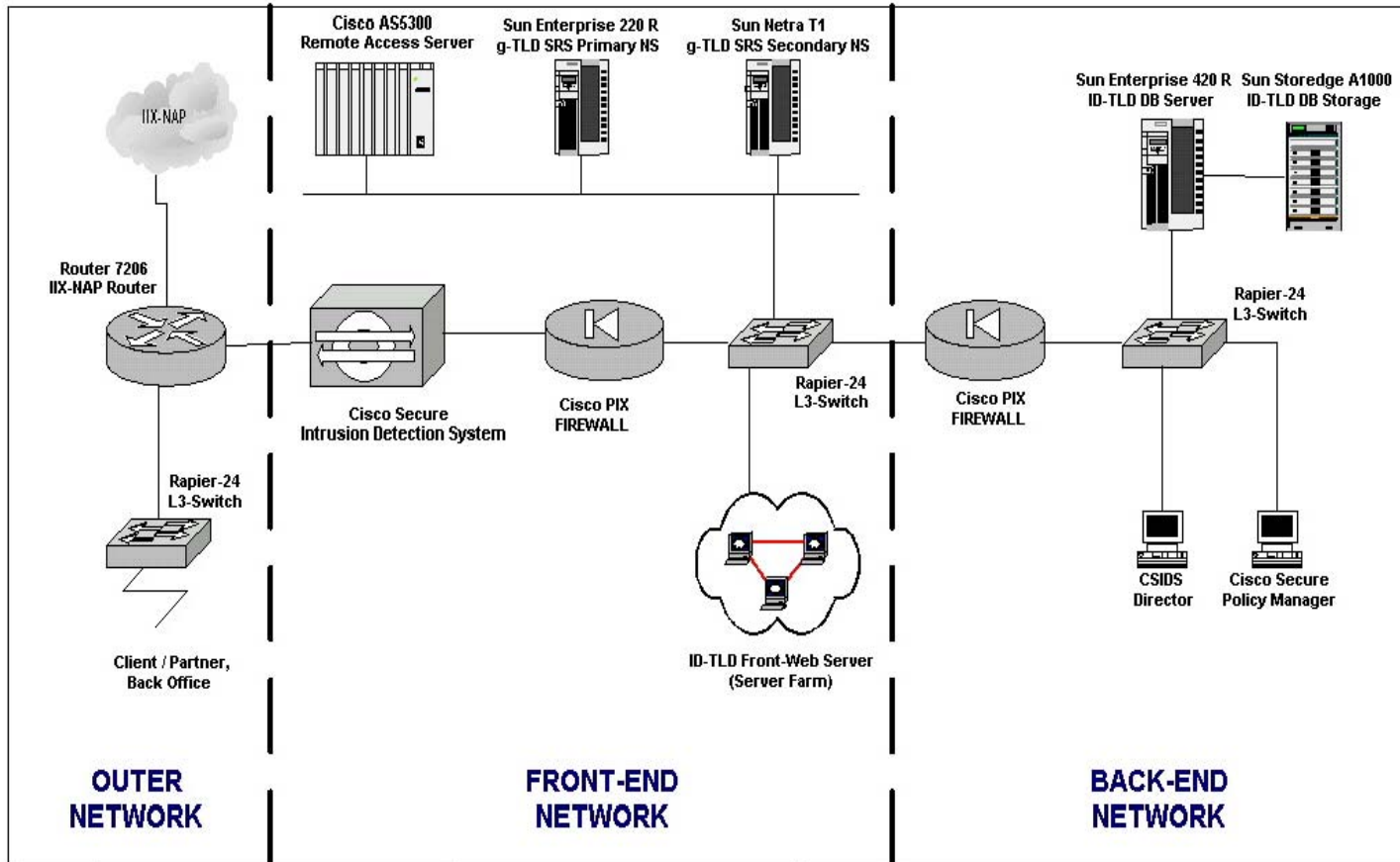
- .ac.id for Academic Educational Domain
- .co.id for Commercial Companies Domain
- .net.id for Internet Provider Domain
- .or.id for Organizational Bodies Domain
- .mil.id for Military bodies Domain
- .go.id for Government bodies Domain
- .sch.id for Schools Domain
- .web.id for personal Domain

National  
Internet  
Registry





# ID-TLD Main Infrastructure



<b>TITLE</b> National Internet Registry (NIR) ID-TLD Configuration		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	DESCRIPTION																						<b>Legends :</b> IIX-NAP = Indonesian Internet eXchange - Network Access Point [IIX-NAP] ID-TLD = Indonesian - Top Level Domain NIR = National Internet Registry g-TLD = generic - Top Level Domain [ .com, .net, .org, .biz, .info etc]
NO.	DATE	DESCRIPTION																										
<b>DATE ORIGINAL</b> 14 Mei 2001	<b>SCALE</b>	<b>CHECKED</b>																										
<b>LATEST REVISION</b> 0001/NIR/V/2001	<b>JOB NO.</b>	<b>DRAWN</b> EWS																										

# Indonesian Network Information Center [IDNIC]

## 1. Commercial ISP

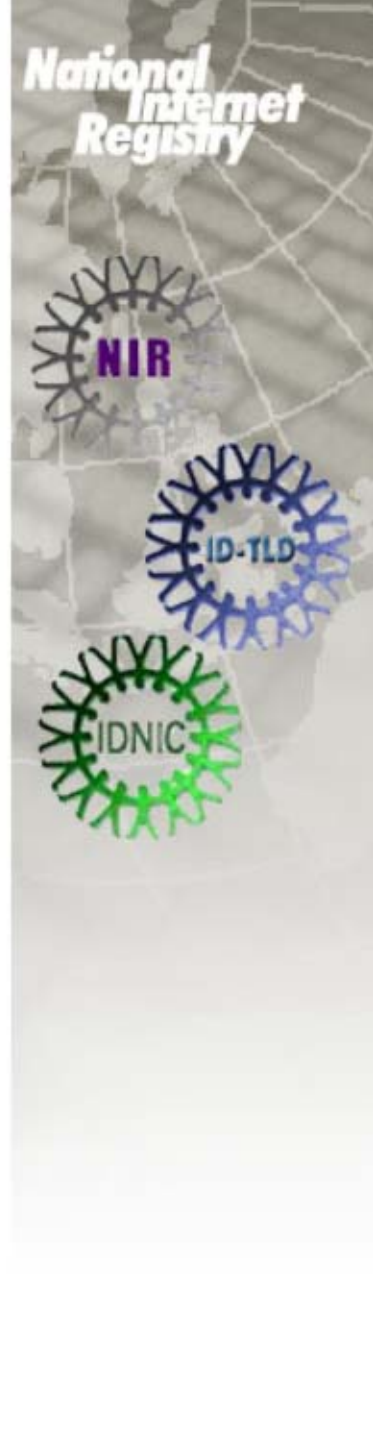
- **APJII-ID Confederation** [<http://www.apjii.or.id>]

## 2. Non-Commercial ISP

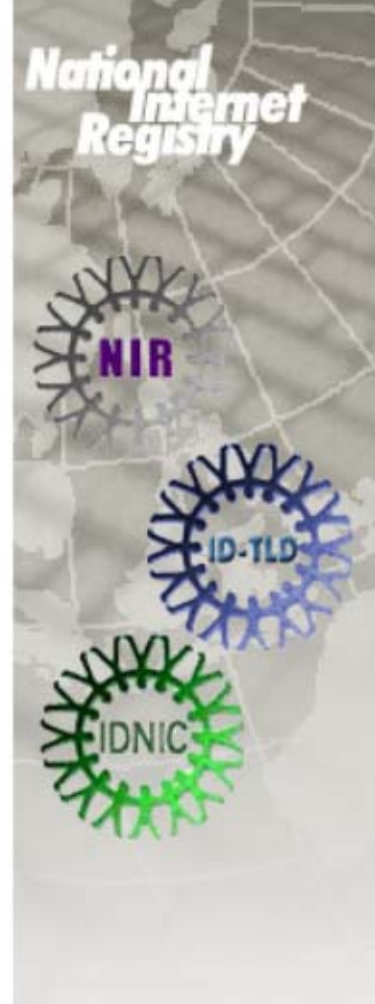
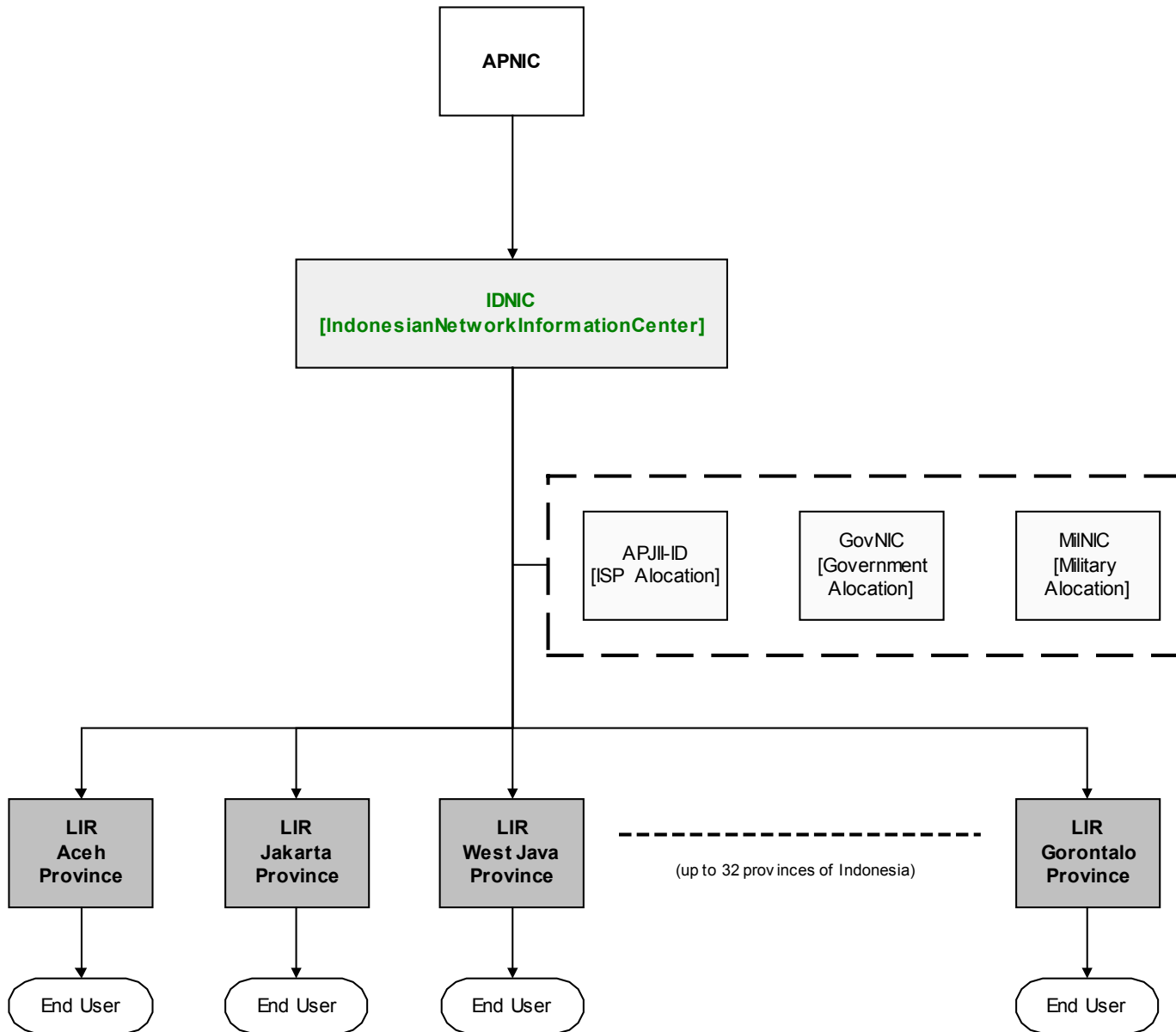
- **GovNIC [nic.go.id]**  
All Government Offices are banned to use Commercial ISPs including IP Addresses & ASs
- **MilNIC [nic.mil.id]**  
All Military Offices are banned to use Commercial ISPs including IP Addresses & ASs

## 3. Non-ISP License

- Non-ISP license or other license based



# IDNIC PLAN



# Information-Internet Infrastructure Development of ISOC-ID Plan

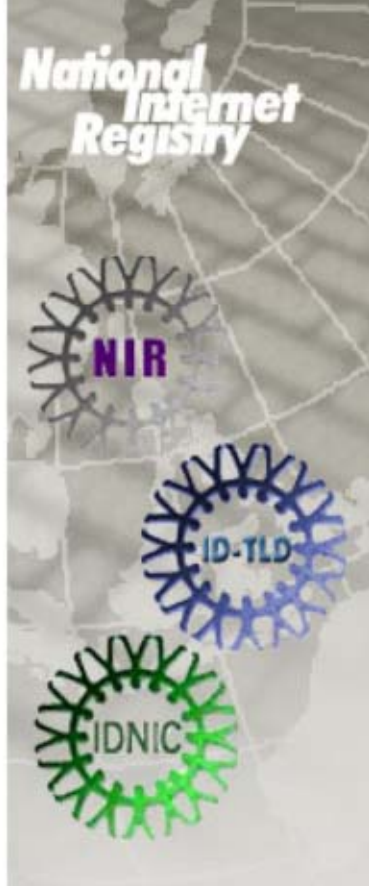
## Request to have APNIC Membership

- Member name : **IDNIC.NET**
- Membership Type : **VERY LARGE MEMBERSHIP**
- **Assignment** for Back-end Infrastructures
- Redistribute and **Allocation** IP Addresses and Aut-num
- **Submission NIR-ID – IDNIC Program** at APNIC Meeting 2001 Taipei, 28 – 31 August 2001  
*[http://www.apnic.net/meetings/12/programme/nir\\_meeting.html](http://www.apnic.net/meetings/12/programme/nir_meeting.html)*

## National Internet Registry [NIR] of APNIC

- ISOC-ID will request for NIR of APNIC

We want to propose <http://www.idnic.net>



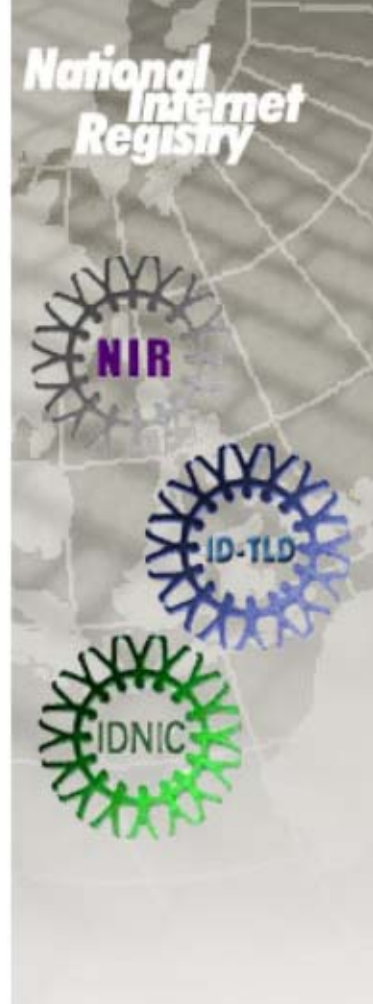
# IDNIC Status

## Background

- APJII-ID already be Confederation of APNIC for Indonesia
- APJII-ID policies accept ISP as their member
- **ISOC-ID policies accept all Information-internet community inspirations** from Internet Industries Provider, Commercial, Banking, Military and Government of Indonesia, which have mandatory for :
  - **Indonesian Internet eXchange – Network Access Point [IIX-NAP]** for Internet eXchange Project
  - **National Internet Registry [NIR]** for Domain Registration [ID-TLD] and IP & AS Registration [IDNIC].
  - **National Public Key Infrastructure [N-PKI]** for National Certification Authorization

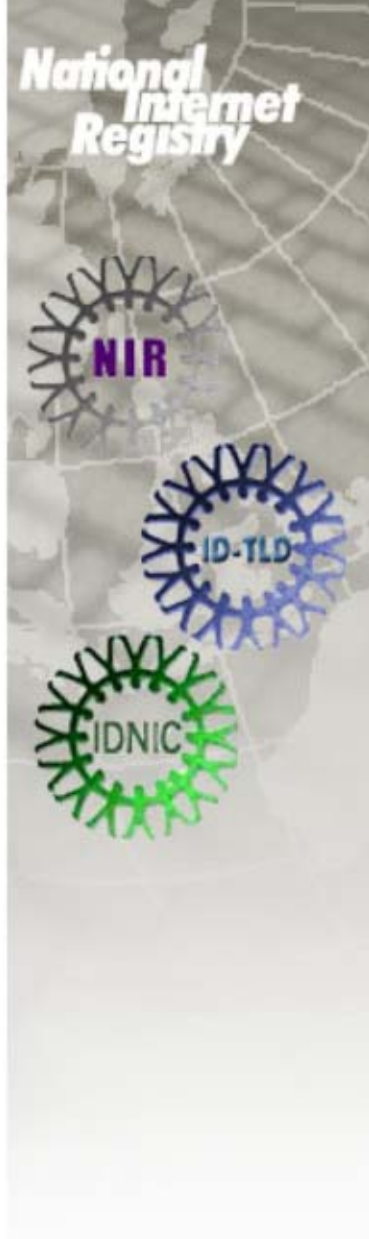
## The Process

- **ISOC-ID Submission for IDNIC** at APNIC Meeting in Taiwan [**PAST**]
- **Integration APJII-ID into ISOC-ID** as the Confederation for Internet Service Provider IP & AS Registration. [**PRESENT**]
- **Implementing IDNIC as National Internet Registry**, member of APNIC. [**FUTURE**]



# GovNIC and MilNIC

- **Awareness** for data [information], logical and physical securities on Government and Military Internet or Network
- **All Government and Military Offices are banned** to use Commercial ISPs including IP Addresses & Ass
- **Government Internet eXchange [GIX] and Military Internet eXchange [MIX]** for internal interconnection government network.
- **Government Network [GovNET] and Military Network [MilNET]** Administrator from Governance and Military people.





## CONCLUSION

- ISOC-ID is a **neutral body** that serves & facilitates public demand on Information Internet Facilities. ISOC-ID will keep develop about ID-TLD and IDNIC policy, such as Registry DB, Fee Structure, Membership policy and many more, with some input from other APNIC NIR Members.
- The Internet Society [ISOC] has **strongly supported IDNIC & ID-TLD Program** as the best hope a nongovernmental approach to Internet governance. The future of IDNIC & ID-TLD depends on its ability to develop international support for its programs and to build a stable financial base. The sometimes conflicting interests of governments, of the operators of the country code top-level domains, and of various nongovernmental parties cannot be resolved without serious attention to a variety of public policy issues. These include questions about the primacy of public interest versus commercial interests, the continuing role of the Internet Society, and the continuing conflict between the needs of trademark owners and the interests of Internet users in expanding the domain name space.
- **ISOC-ID will support public policy** such as Access, Censorship, Children and the internet, Copyright, Digital divide, Domain Name Systems, E-Commerce, Encryption, Privacy, Security, Societal, Spamming, Woman and the internet, and others public policy.
- **Internet for EVERYONE !**



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INTERNET SOCIETY



**Thank You !**

**Further Information, please contact :**



**INDONESIAN INFORMATION ~ Internet Society** 

**Endy Ws. Singajaya**  
Vice Chairman ISOC-JB

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