



**IRINN**

# **Indian Registry for Internet Names and Numbers (National Internet Registry)**

**NIR SIG at APNIC 35, Singapore**

**Feb 26, 2013**

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CEO, NIXI**

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- Introduction
- Formation
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## NIR in India

- To provide IPv4/IPv6 allocation services at affordable manner
- To have the services delivered in regional language
- Services to be charged in local currency to avoid exchange losses.
- Build local capacities.

# Indian Registry for Internet Names and Numbers (IRINN)

- Collective efforts of NIXI and Internet Service Provider Association of India.
- Govt. of India, Department of Electronics & IT (DeitY) endorsed the operations of National Internet Registry (NIR) to NIXI.
- APNIC accorded recognition to NIXI on 3rd March, 2012 after evaluation of its s/w to become the NIR for India.
- NIR software developed locally by NIXI and evaluated by APNIC.
- NIR in India has been named as Indian Registry for Internet Names and Numbers (IRINN)

# IRINN Features

- IRINN is entrusted with the task of delegating IP addresses within India.
- Each account holder of IRINN is referred to as Affiliate. IRINN provides services to its affiliates
- IRINN has its own Software and ticketing System with MyIRINN Portal for providing the services.
- IRINN has its local WHOIS database which syncs with APNIC WHOIS database.
- MyIRINN Portal is having all the features, which are required for Internet Resource management, similar to MyAPNIC.

Contd

## IRINN Features

- Facilitate the allocation of IP resources to large number of small and medium companies within the country.
- Service to be charged in local currency to avoid exchange losses.
- Facilitate local training and development
- Organise local policy development forum as an input to regional policy development process.
- Provide support in local languages.

## Technical Features of IRINN

- User friendly modules for evaluation, allocation for IPv6 addresses.
- Back Office systems for managing internet resources(IPv4/IPv6/ASN) and billing software.
- NIR website.
- Helpdesk & Chat Facilities for Affiliates.
- “Whois” service
- Enhanced Security Feature (SSL Enabled)
- MyIRINN Portal for affiliates to manage the resources
- Payment Gateway Service for making online payment
- SMS Gateway service for Affiliates

## IRINN Policy Feature

- In line with Global and APNIC policies
- Policy formulated with active involvement of ISPAI members.
- Transparency, bottom up process for any policy changes
- Affiliates have freedom to choose the Registry (IRINN/APNIC)
- Help enhance Affiliates understanding of technical policy features
- Develop local policies and take public positions in the best interest of the affiliates and to take part in regulatory consideration where and when appropriate.



# IRINN Affiliate Evaluation

- To become an affiliate, an entity must submit its allocation proposal with supporting information.
- Supporting documents needed for IRINN affiliation that is “Know Your Customer (KYC)” Document is available at :  
[http://www.irinn.in/IRINN\\_KYC\\_Documents\\_List.pdf](http://www.irinn.in/IRINN_KYC_Documents_List.pdf)
- An agreement is signed between the Affiliate and IRINN, which contains the terms of using IP resources . ([http://irinn.in/pages/static/IRINN\\_V1.pdf](http://irinn.in/pages/static/IRINN_V1.pdf))

Contd.....

## IRINN Affiliates Evaluation

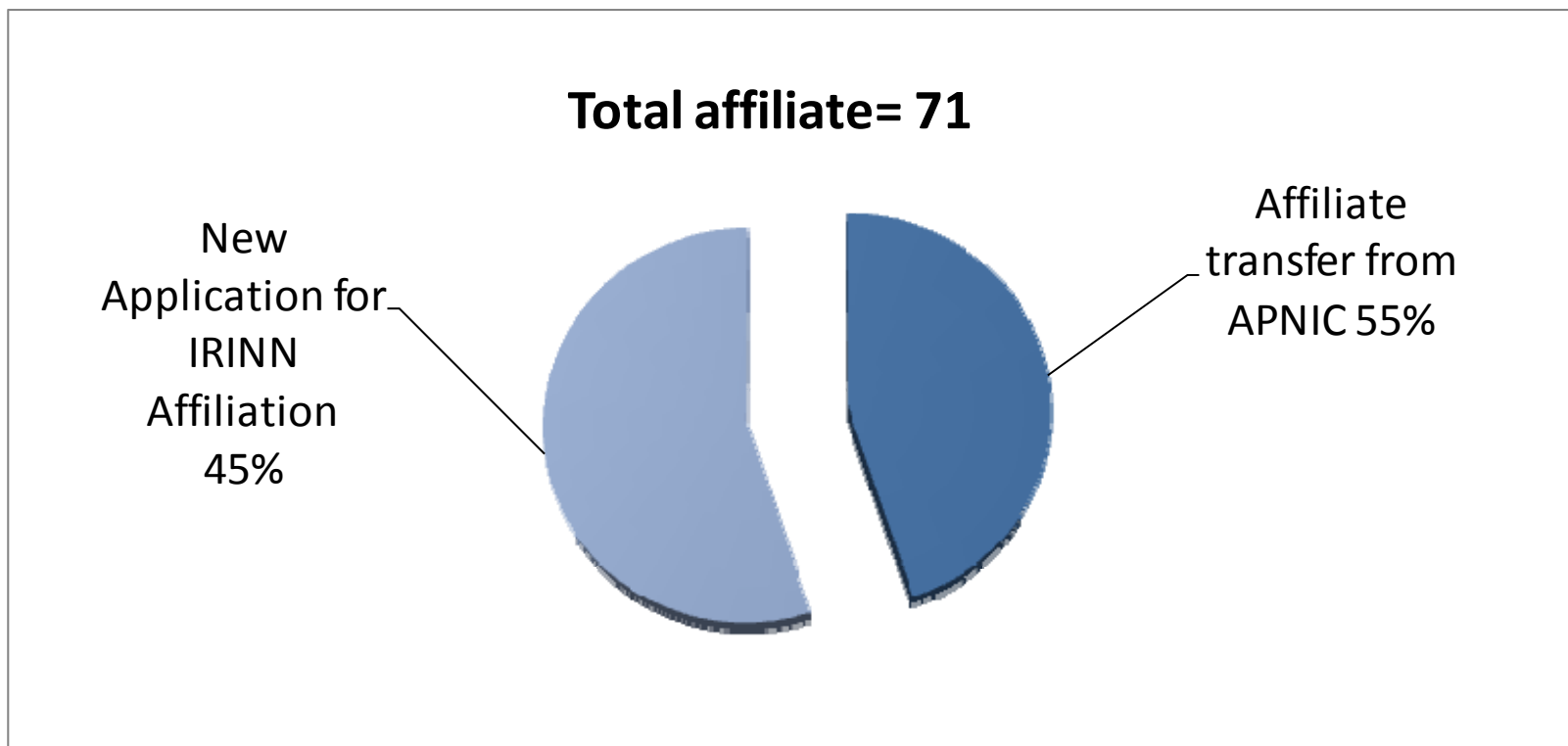
- Affiliates need to submit Network diagram to justify their Internet resources requirement.
- IRINN evaluates and approves every application according to the local and regional policies.
- Maximum delegation size for IPv4 is restricted to /22 and Minimum delegation size for IPv6 address is /32 for LIRs & /48 for Corporate affiliate in line with APNIC policy.
- IRINN policy encourages Affiliates to offer suggestions for improvement.

## Affiliation Growth Projection

- IRINN is operational from December, 2012. As on Feb 22, 2013 we have 71 IRINN affiliate both transfer and new one's.
- On an average IRINN is receiving one request each day it means we will make more than 250 affiliates till March, 2014.

## Affiliate Statistic

- IRINN is operational from December, 2012. Till the date we have 71 IRINN affiliate



# IRINN Website



Indian Registry for Internet Names and Numbers

Your IP Address is : 202.141.127.76

Screen Reader A+ A A- High Normal



Home About Us Services Policy Events Contact Us Search... GO!

**MY IRINN**

- Login to MyIRINN
- Register
- Become An Affiliate

**Affiliation inquiries**

- Affiliation Structure
- How much does it cost?
- Billing Procedure
- Manage your affiliation
- IRINN Affiliates
- IRINN Affiliation Guide
- Who are Current IRINN Affiliates

**Tools**

- IPv6 Subnet Calculator
- Fee Calculator
- Resource Statistics

**Payment Modes**

- Online Payments

**Downloads**

- IRINN New affiliates Guide
- IRINN Policy Document
- IRINN affiliation Agreement

## Welcome to Indian Registry for Internet Names and Numbers

Indian Registry for Internet Names and Numbers (IRINN) in India that provides allocation and registration services of IP addresses and AS numbers, and contributes to the society by providing Internet-related information as a non-profit, affiliation-based organisation, and performing research, education and enlightenment activities.



### EVENTS



- ◆ APNIC Conference 35  
Shangri-La Hotel, Singapore
- ◆ Apricot 2013, Singapore

Previous Event:

- ◆ APNIC 33 Conference, 27 Feb - 02 Mar  
2012 New Delhi, India

[More...](#)  
[Forthcoming Events](#)

### HELPDESK



IRINN Affiliate Services Helpdesk can assist you receive faster responses for:

- ◆ Status of requests
- ◆ Affiliation enquiries
- ◆ Billing issues

### NEWS AND ANNOUNCEMENTS

- Fri, January 31, 2012
- Internet Society Board of Trustees Approves Donation to Support W3C Stewardship of Open Web Platform
- Fri, January 31, 2012
- APNIC supports NZNOG 2012
- Fri, January 13, 2012
- HP to help enterprises to migrate to IPv6
- Thursday, 12 January
- Opening of New gTLD Applications Marks Historic Change in Domain Name System

### WHOIS SEARCH!

Search

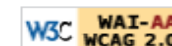
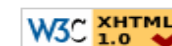
### TRAINING & EDUCATION



IRINN supports Internet growth and development in India by providing training and education services. [Read more](#)

### MANAGE RESOURCES

- Resource Management
- My IRINN
- Address Management
- Objective
- IRINN Resources Statistics
- Resource return to APNIC
- FAQs



# MyIRINN Portal

- IRINN affiliate has MyIRINN Portal, to manage their Internet resources with different tools as in MyAPNIC.
- The other users of an Existing Account can register on to the MyIRINN portal with access rights of Corporate, Billing and Technical. These users will be able to log on to the application after activation by Organization level user.

# MyIRINN Portal



Indian Registry for Internet Names and Numbers



Welcome abhi123 [ NIXI-IN-IN ]

Logout

Home

About Us

Services

Policy

Events

Contact Us

## Useful Links

[My Profile](#)

[Change Password](#)

[Manage Contacts](#)

## Resource Administration

[Resource Request](#)

[View and Manage Resources](#)

[Transfer Resources](#)

[De-Allocate Resources](#)

## Correspondence

[Raise Request](#)

[Request History](#)

[Payment History](#)

[Second Opinion Request](#)

[Affiliate Feedback](#)

## What can I do?

- View and update your [resource information](#) for IPv4, IPv6, AS numbers and Whois updates
- View your [Affiliate details](#) and [Contact details](#).
- Use the [Training](#) section to view training and events history

Account :NIXI-IN-IN  
Expiry :18/12/2013  
Affiliation :null

## News

Fri, January 13, 2012

- HP to help enterprises to migrate to Ipv6

Technology major HP on Thursday announced that it has signed an agreement with the government of Karnataka and International Institute of Information Technology,... [Read more](#)

New Delhi, Dec 14

- DoT to announce migration path to IPv6.

The Department of Telecom is all set to announce its policy for adopting the next generation protocol for Internet services in the country. [Read more](#)

New Delhi, Dec. 14

- .IN registrations for a cheaper price

In a bid to push up volumes for .IN domain, the National Internet Exchange of India (NIXI) has slashed the basic cost for domain name registration payable by the [Read more](#)



# Road Show Clicks



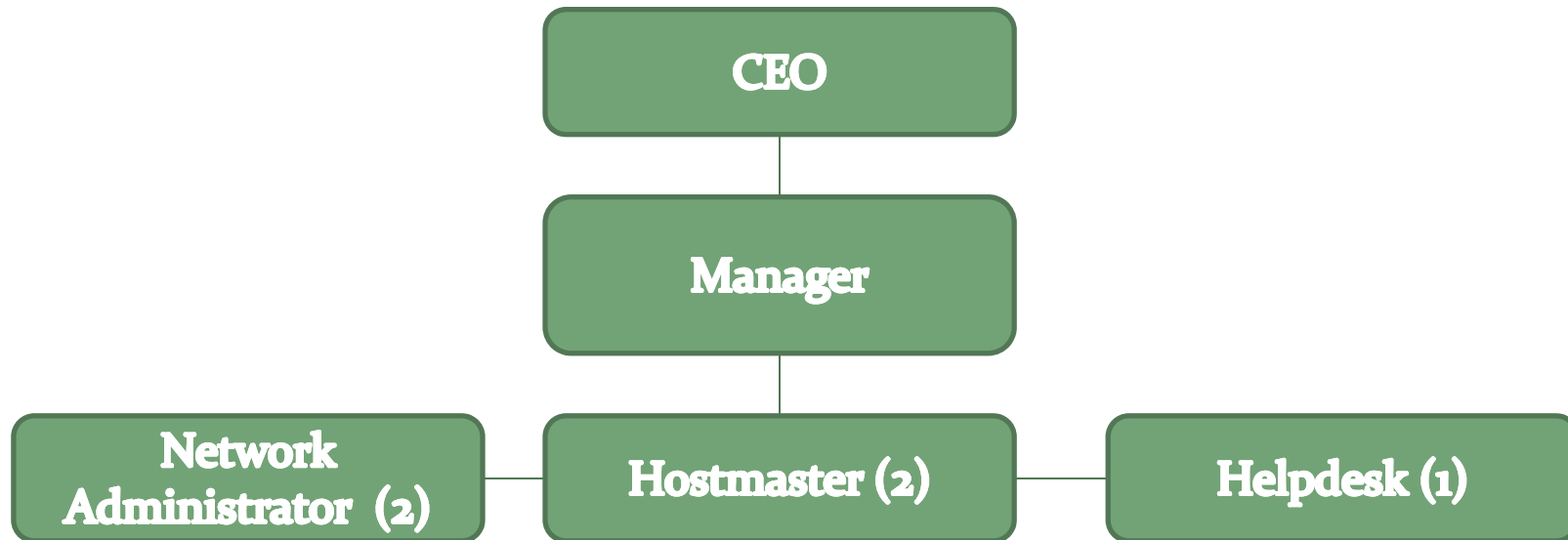


# Road Show Clicks



# IRINN Team

➤ To Manage Indian NIR ,IRINN Team includes :



# Indian Registry for Internet Names and Numbers

*Thank You*