Non-Name Uses of WHOIS

Prepared by
The Regional Internet Registries
[APNIC, ARIN, LACNIC and RIPE NCC]
Overview

- What Is Whois
- Types of Registries
- Evolution in the RIRs
- Addressing Community Uses of WHOIS
WHAT IS WHOIS??

- Community Phone Book
- General Purpose Registry Directory Service
  - Different Communities
  - Different Requirements
Addressing Community Registries

- Regional Internet Registry [RIR]
  Allocate/Assign IP Addresses
  Assign Autonomous System [AS] Numbers

- Internet Routing Registry [IRR]
  Maintain Routing Policy Information
“The assignment of numbers is also handled by Jon. If you are developing a protocol or application that will require the use of a link, socket, port, protocol, or network number please contact Jon to receive a number assignment.”

- RFC 790, 1981
Addressing Community

Uses of WHOIS

Address Allocation/Assignment Record
- IANA to RIR
- RIR to ISP/LIR
- ISP/LIR to Customer

Autonomous System Number Assignment Record

DNS Server Information Record

Trouble Shooting POC Information Record

Routing Policy Record

RIR

IRR
Address Allocation/Assignment Records

IANA → RIR → ISP → Customer

RIR WHOIS → RIR WHOIS → RIR WHOIS → ISP WHOIS
THANK YOU

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