



APNIC

ARIN
American Registry for Internet Numbers





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

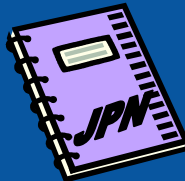
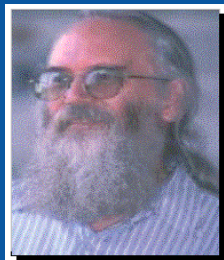
WHAT IS WHOIS??

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

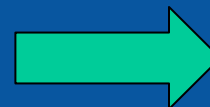
Addressing Community Registries

- Regional Internet Registry [RIR]
 - Allocate/Assign IP Addresses
 - Assign Autonomous System [AS] Numbers
- Internet Routing Registry [IRR]
 - Maintain Routing Policy Information

Evolution of IP Registry WHOIS



DDN NIC
WHOIS



RIR
WHOIS

“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



THANK YOU



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