

# The State of RDAP In the RIR Space

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# In Production

- Deployed by all 5 RIRs
  - Serves up registry data
- Bootstrap server
  - Run by ARIN
  - A server that reads the IANA files and redirects clients
  - Code is on GitHub
  - LACNIC is contributing code and will be running one soon

# ARIN Stats

- Query rate
  - 113 queries per second
  - Query rate is climbing
    - As many queries in March 2016 as received between July 2015 and February 2016
- Top User Agents
  - Python (by far)
  - PHP
  - Mozilla

# Routing Registry

- Internet Routing Registries (IRRs)
  - Run by 4 of the 5 RIRs
  - Many independent IRRs
- IRRs output Routing Policy Specification Language
  - Huge... much of it not used
  - Some tools, but none cover the complete specification
  - Requires writing a parser, understand complete data model
- Investigating putting it into RDAP
  - But only a profile of RPSL (scaled down)
  - JSON is easier for scripting

# Oauth / OpenID

- ARIN is investigating Oauth / OpenID
  - draft-hollenbeck-weirds-rdap-openid
  - Several conversations with VeriSign
- ARIN currently limits certain result sets
  - Once authenticated, limits maybe lifted

**Comments? Questions?**