



How It Works: ROW Topics

November 2016

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History and Background



How it Works: Registry Operations

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Key Milestones in the History of Registration Data Services

- 1984: Defense Data Network Network Information Center (DDN-NIC) at Stanford Research Institute (SRI) handled all domain registration services
- 1999: Separation of registry and registrar functions
- 2000 - Present: Introduction of new gTLDs

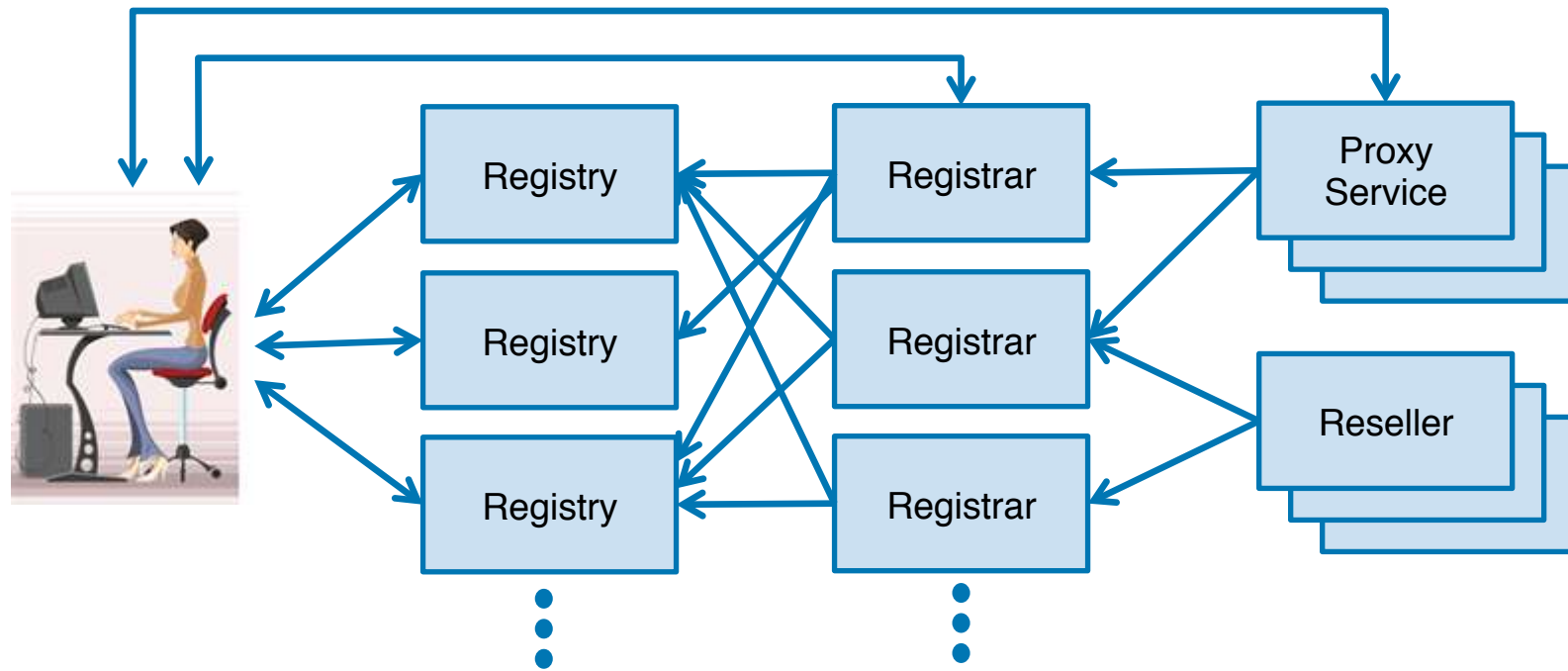
Previous Attempts to replace Whois

- 1995: WHOIS++
- 1997: RWhois
- 2005: IRIS

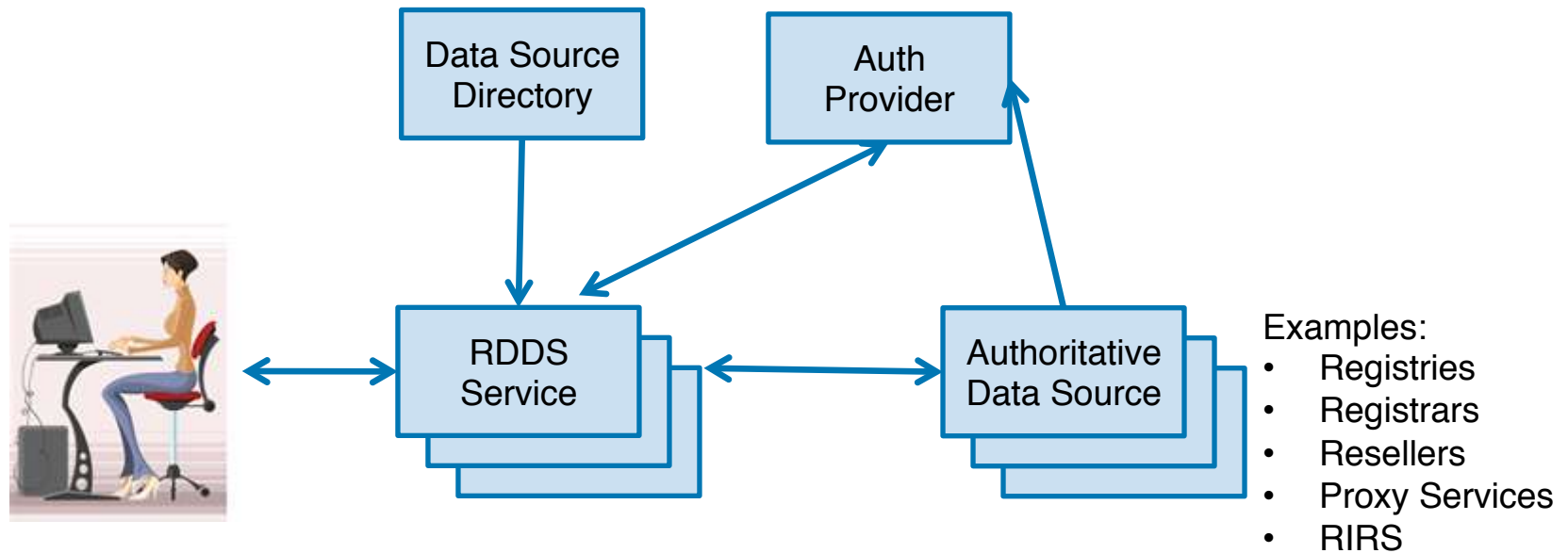
Registration Data Directory Services: What We Need

- Distributed model
- Authoritative data
- Data protection
- Scalability and security
- Standards-based solution

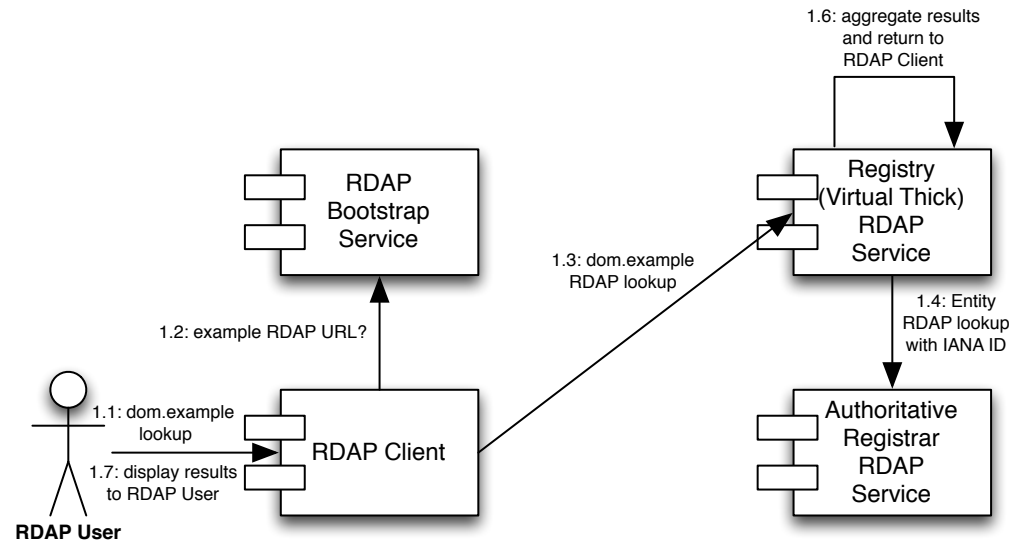
Current Model



Proposed Model

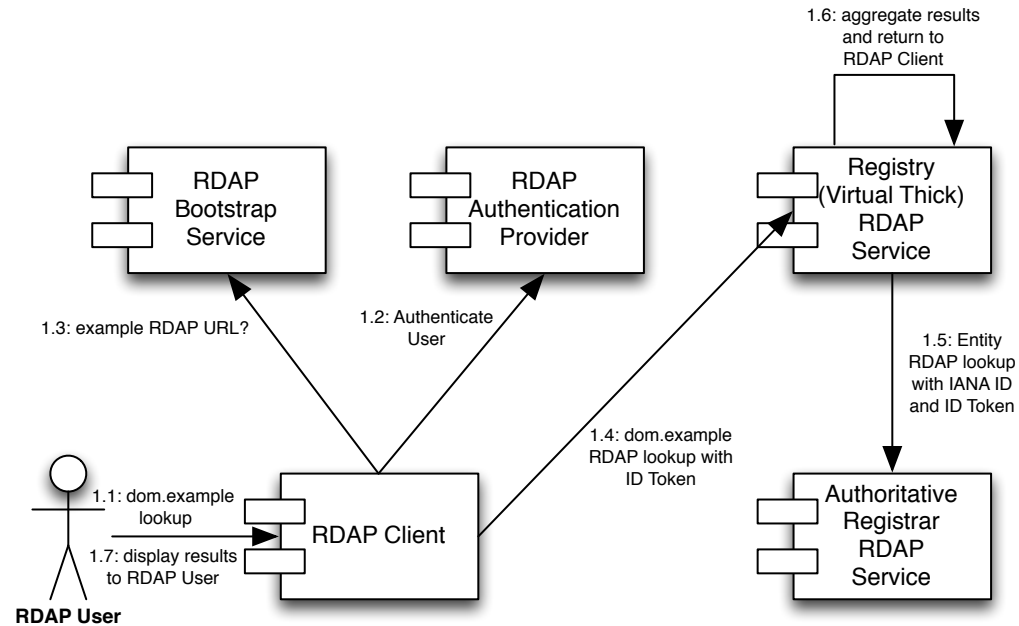


How can RDAP meet these needs?



Potential Public (Non-authentication) RDAP Flow

How can RDAP meet these needs?



Potential Authentication and Authorized RDAP Flow



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