



How will Next Generation Registration Directory Services (RDS) impact you?

Expert Working Group (EWG)
Online Workshops

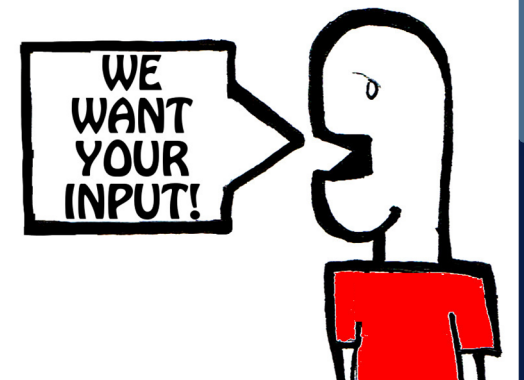
Wednesday 16 April, 2014 - 19:00-20:30 UTC
Thursday 17 April, 2014 - 12:00-13:30 UTC

Workshop Agenda

- Welcome and Goals
- Key RDS Features
- Moderated Q&A (30 minutes)
- RDS Risk and Benefits (45 minutes)
- Next Steps

Welcome and Goals

- Expert Working Group (EWG) formed to
 - Redefine the purpose and provision of gTLD registration data
 - Assess needs for a next generation Registration Directory Service (RDS)
 - Recommend a clean-slate WHOIS replacement
- Today's workshop will
 - Answer your questions about features described in the EWG's [Status Update Report](#)
 - Solicit input about potential impacts on you, to be gathered via the [RDS Risk Survey](#)



What is the RDS?



Domain Name: company.com
Organization: Company Inc.

Street: 100 Corporate Parkway
City: Mountain View
State/Province: CA
Postal Code: 94043
Country: US
Phone: +1.6501234567

Email: dns-admin@company.com
.....etc.....

Returns public,
verified accurate
information about
Registrant and Contacts
To authorized users,
may also return
gated data

<https://community.icann.org/pages/viewpage.action?pageId=40175189>

Key RDS Features

- Purpose-driven access to
- Validated, managed contact and DNS data
- Some data elements public; others gated
- Gated data accessible to
 - Accredited users who identify themselves, state purpose, agree to be accountable
 - Consistent with jurisdiction and data privacy laws
- Enhanced and Maximum Privacy options
- Centralized web portal and RDAP query access
- Aggregated or Federated storage

Questions & Comments about the RDS?



RDS Risk Survey

- **Why:** This survey is a chance to tell the EWG about risks and benefits that the RDS might have for YOU.
- **Who:** You are invited to participate if you PROVIDE OR USE Whois data.
- **Results:** Findings will be used to refine recommendations to reduce risks and as input to a full risk assessment.

<http://tiny.cc/risk-ewg-survey>

Survey Purpose

- Gather broad input from ANYONE who may be impacted by the RDS
- Findings and preliminary analysis will be included in the EWG's final report
- If ICANN pursues RDS implementation, a formal risk assessment would
 - Analyze identified possible risks
 - Rank and prioritize them
 - Assess their impacts and interactions, and
 - Identify steps to reduce risk.

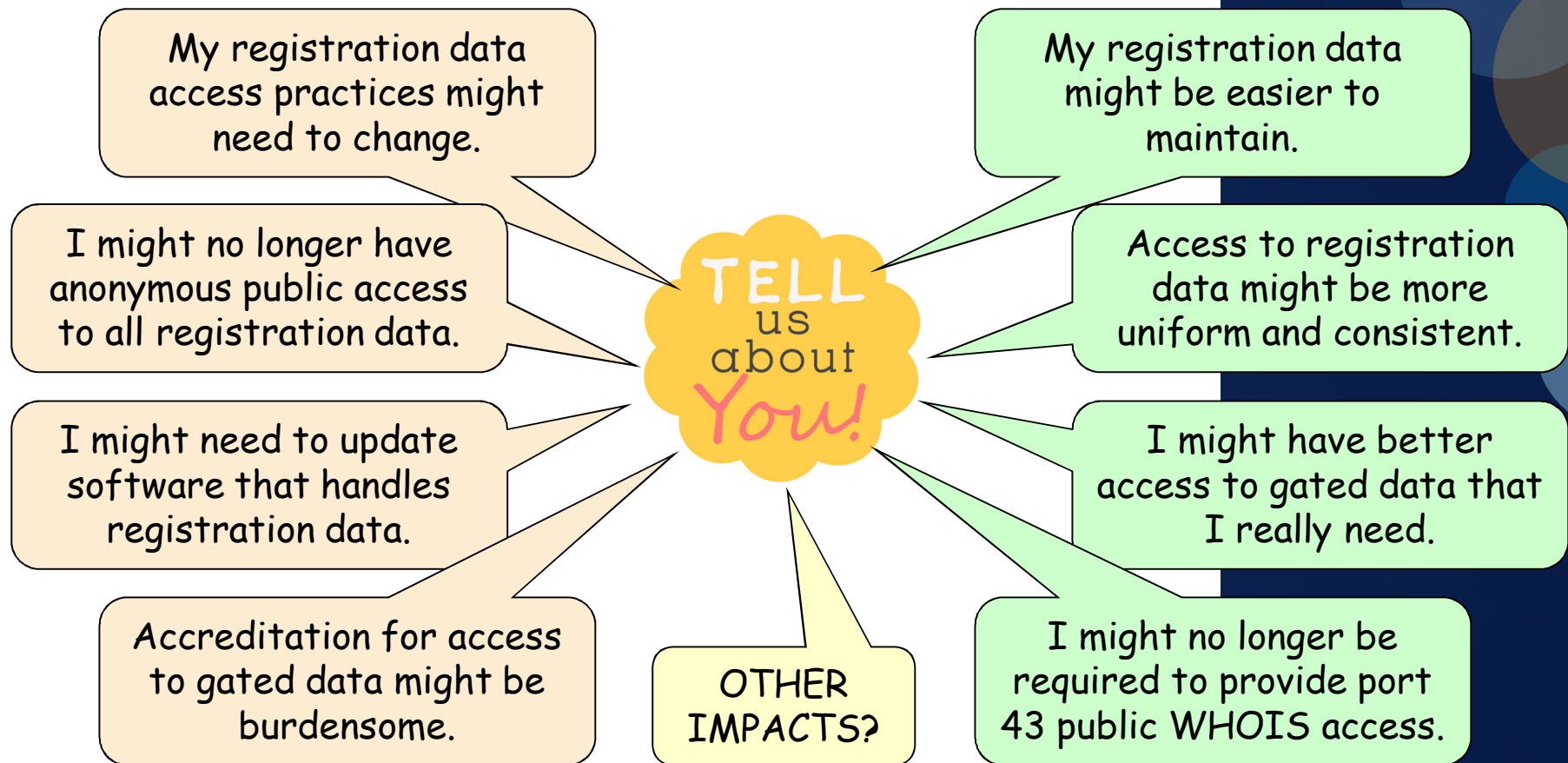


Topics to be Explored Today

- Possible risks and benefits that RDS implementation could have on YOU:
 - **Technical:** Changes to the way that you use or provide WHOIS registration data today,
 - **Legal or Financial:** Changes to costs and legal considerations associated with registration data,
 - **Operational:** Changes in your speed of access to or availability of registration data, and
 - **Security or Privacy:** Changes that could affect the privacy of domain name registration data.
- Ways to reduce risks or increase benefits.

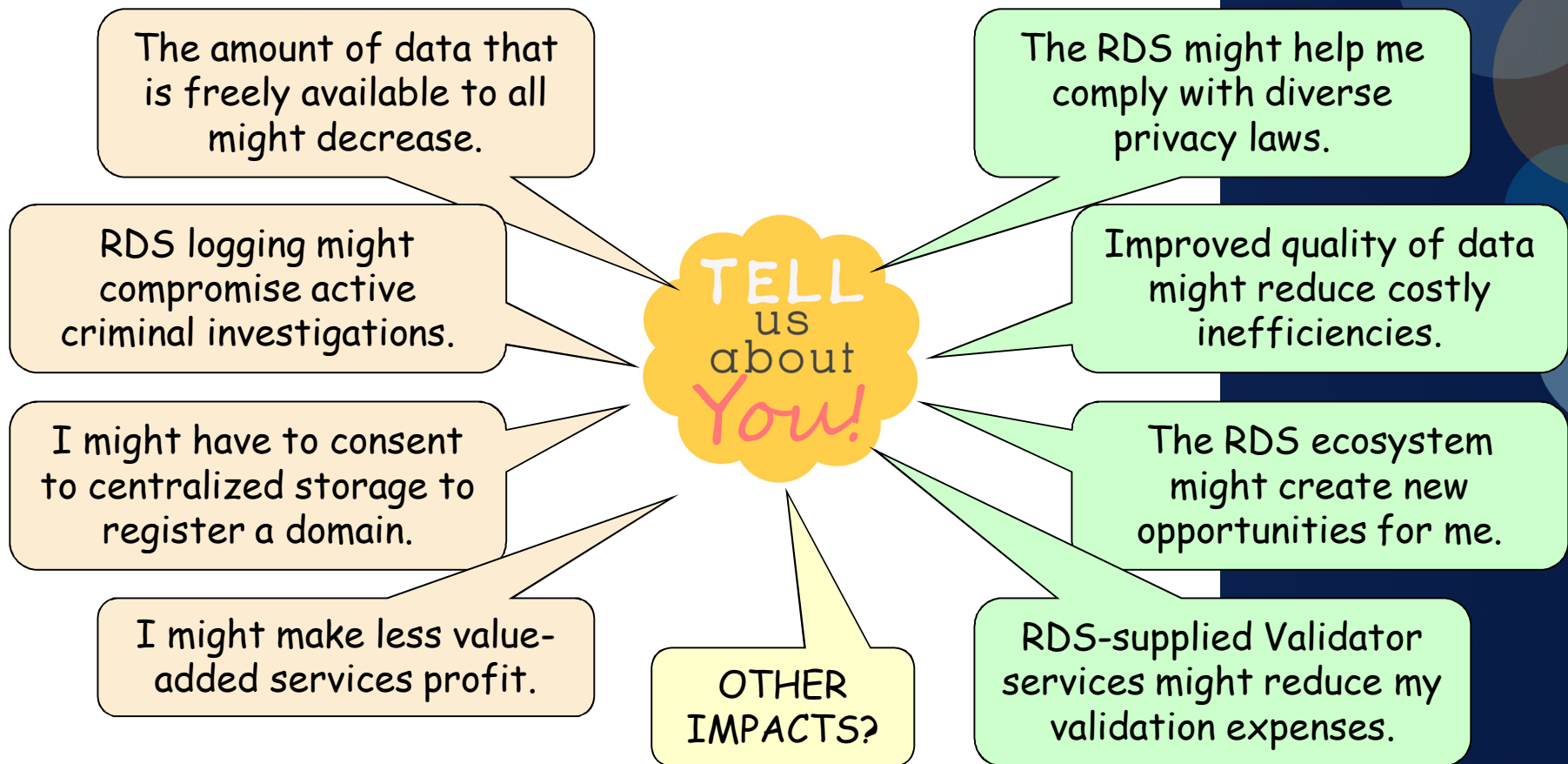
Technical Risks & Benefits

Think about how the RDS could change the way that you use or provide WHOIS registration data today, such as:



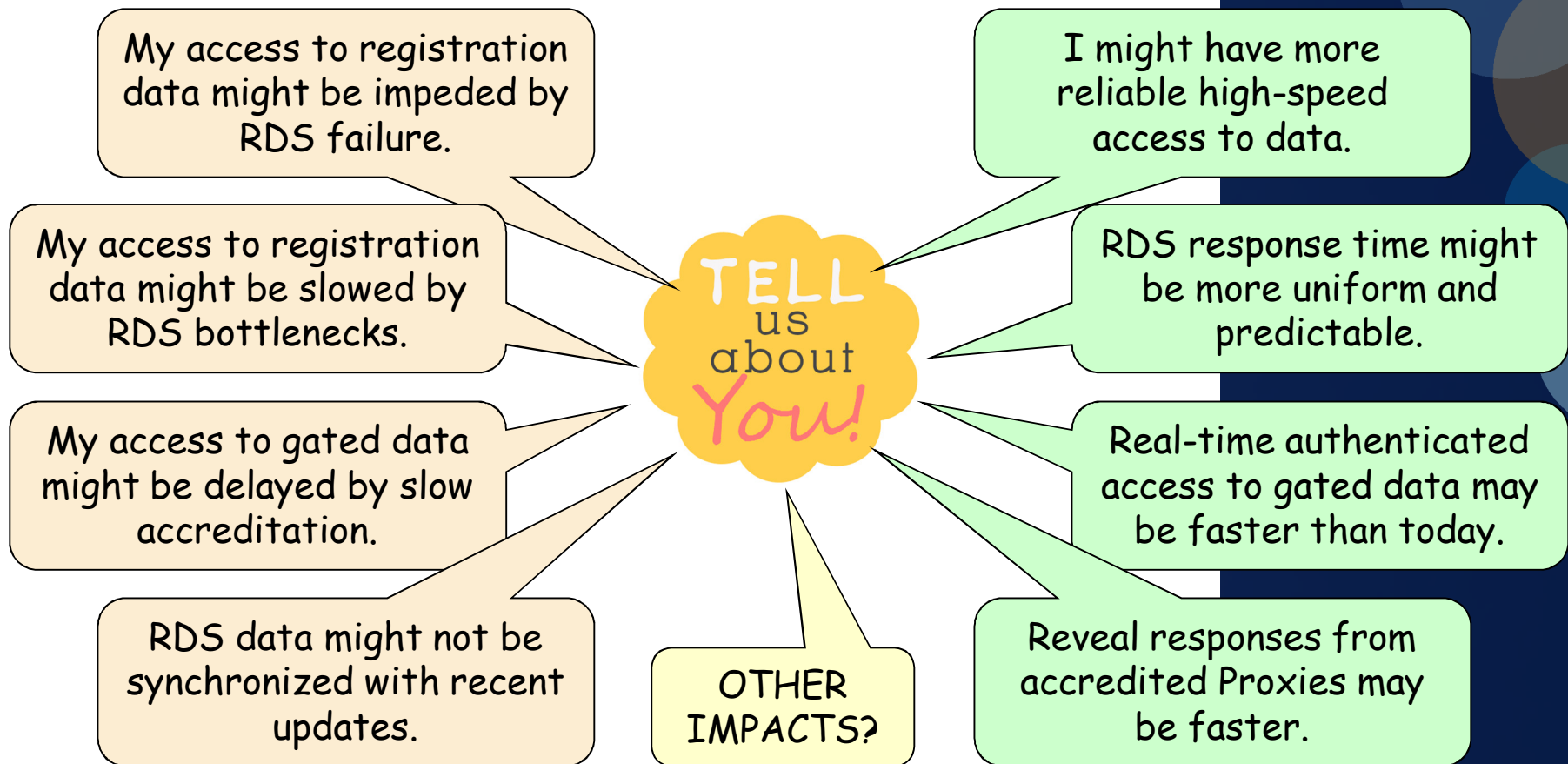
Legal or Financial Risks & Benefits

Think about how the RDS could change costs and legal considerations associated with registration data, such as:



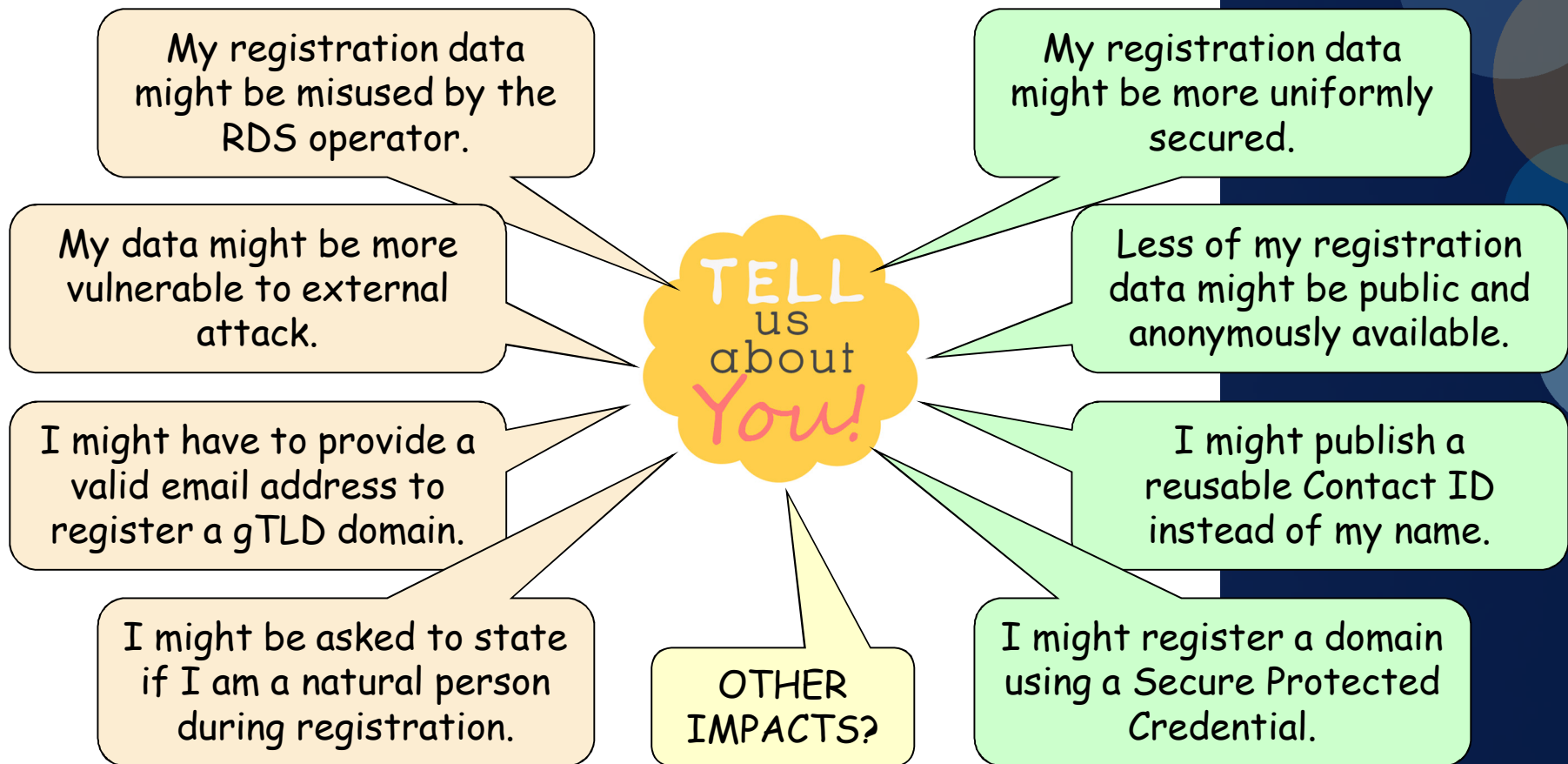
Operational Risks & Benefits

Think about how the RDS could change your speed of access to or availability of registration data, such as:



Security or Privacy Risks & Benefits

Think about how the RDS could change affect the privacy of domain name registration data, such as:



Reducing risk, increasing benefit

As you complete the on-line survey, please consider these columns...

Using all four columns below, please:

- Select ALL Security or Privacy Risks that potentially impact YOU.
- Select TWO (2) risks that could have the biggest impact on you.
- Select TWO (2) risks most likely to occur.
- Select ANY newly-introduced RDS risk that is not already a known Whois risk.

You are encouraged to add to these examples by describing other risks using rows h-j.

+

Potential Security or Privacy Risks	Might impact you?	Two most impactful?	Two most likely?	New with RDS?
a) My registration data might be more vulnerable to external attack.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) My registration data might be more accessible to law enforcement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) I might be required to provide a valid email address to register a <u>gTLD</u> domain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) I might have to declare that I am a legal or natural person to register a <u>gTLD</u> domain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Other Security or Privacy Risk (describe below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Other Security or Privacy Risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Risk assessment will use these...

- To analyze, rank, prioritize, assess impacts and interactions..

Simple Risk Matrix

	Consequences		
Likelihood	Minor	Moderate	Major
Likely	Yellow	Red	Red
Possible	Green	Yellow	Red
Unlikely	Green	Green	Yellow

Risk Treatment Key

Intolerable Risk Level. Immediate action required
Tolerable Risk Level. Risks must be reduced so far as is practicable.
Broadly Acceptable Risk Level. Monitor and further reduce where practicable.

Finally, tell us what you think...

- Do you consider any of your top risks unavoidable?
- Do you consider any of your top risks acceptable?
- How would you suggest shifting or reducing your top risks?
- Do you consider any risks to be a good trade for benefits gained?

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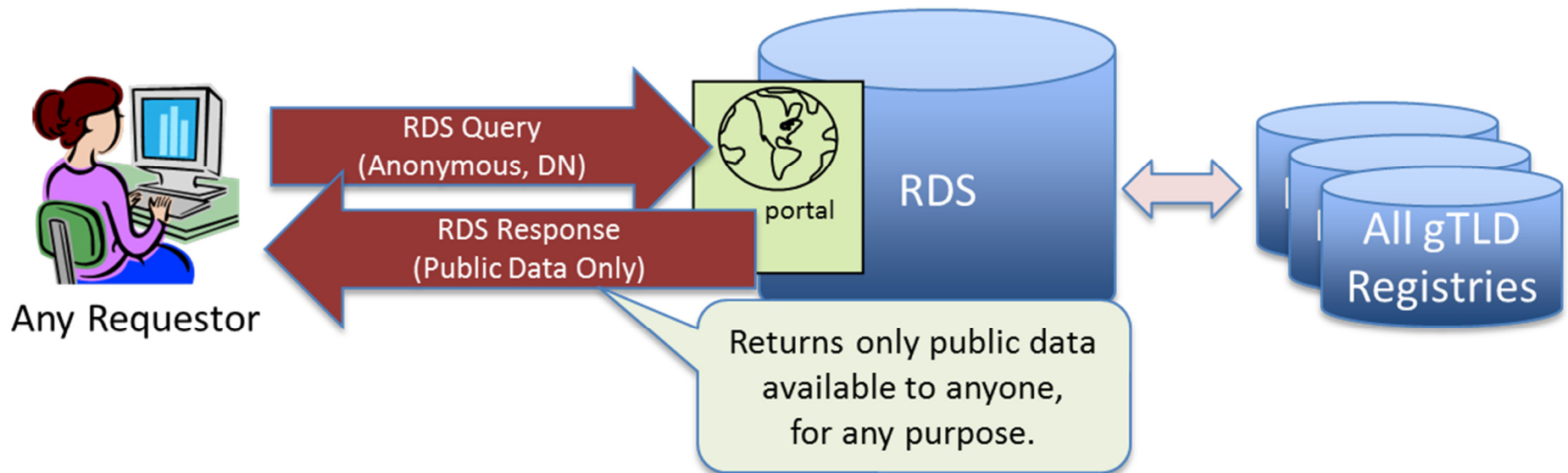
Next Steps

- Take the [On-Line RDS Risk Survey](#) by May 15th
- To learn more about the proposed RDS first
 - WATCH this [short introductory video](#)
 - LISTEN to this [longer presentation](#)
 - EXPLORE these [FAQs](#), or
 - READ our [Initial Report](#) and [Status Update Report](#)
- All inputs to be carefully considered as the EWG refines its RDS recommendations
- EWG is scheduled to deliver its final report to the ICANN Board in June 2014
- Report will serve as focused input to on-going policy development

THANK
YOU

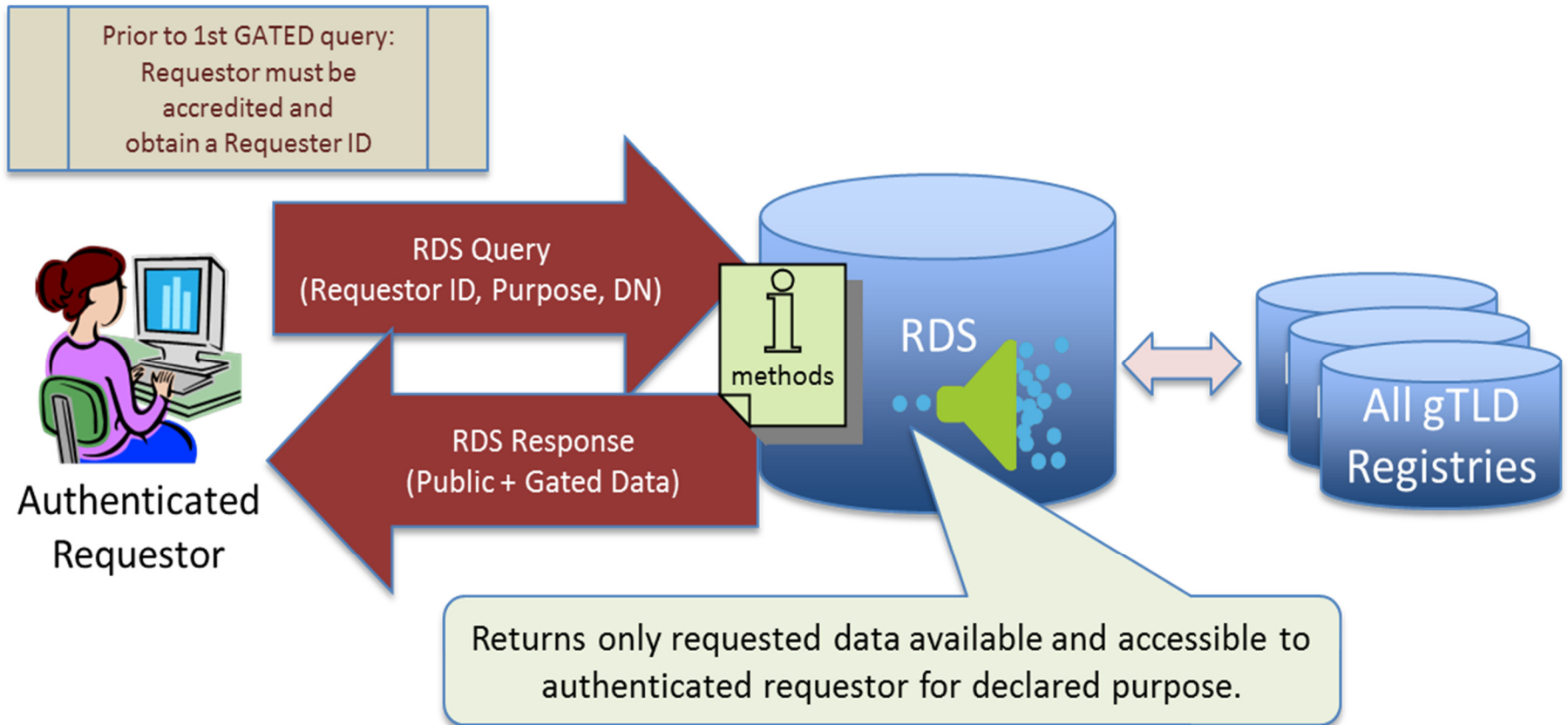
Background Material

Public Access to Some Registration Data



- Purpose-based disclosure
- Public Access to minimum set
- Gated Access to other data...

Gated Access to More Sensitive Registration Data



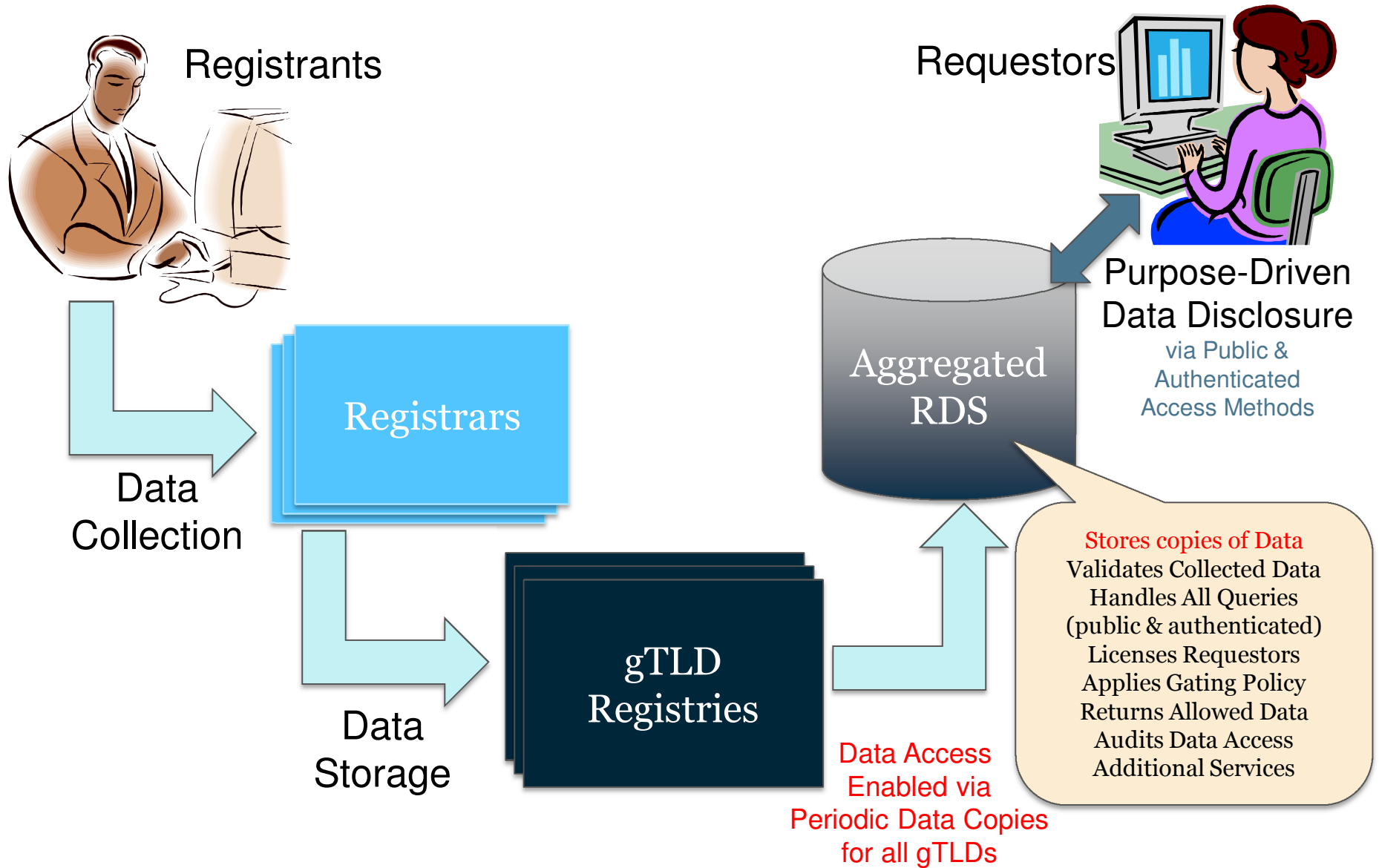
Sample RDS Record

Registry or Registrar Source	Registrant Source	Optional Role Based Contacts
Registration Status DNSSEC Delegation Client Status Server Status Registrar Reseller Registrar Jurisdiction Registry Jurisdiction Registration Contract Language Creation Date Original Registration Date Registrar Registration Expiration Date Updated Date Registrar URL Registrar IANA Number Registrar Abuse Contact Email Registrar Abuse Contact Phone URL of the Internic Complaint Site	Domain Name Name Server Registrant Name Registrant Type Registrant Contact ID (issued by RDS-accredited Validator) Registrant Organization Registrant Company Identifier Registrant Email Registrant Street Registrant City Registrant State/Province Registrant Postal Code Registrant Country Registrant Phone Registrant Phone Ext Registrant Fax Registrant Fax Ext Registrant SMS	Contact Name Contact Role Contact ID Contact Organization Contact Street Contact City Contact State/Province Contact Postal Code Contact Country Contact Phone Contact Phone Ext Contact Email Contact Fax Contact Fax Ext Contact SMS

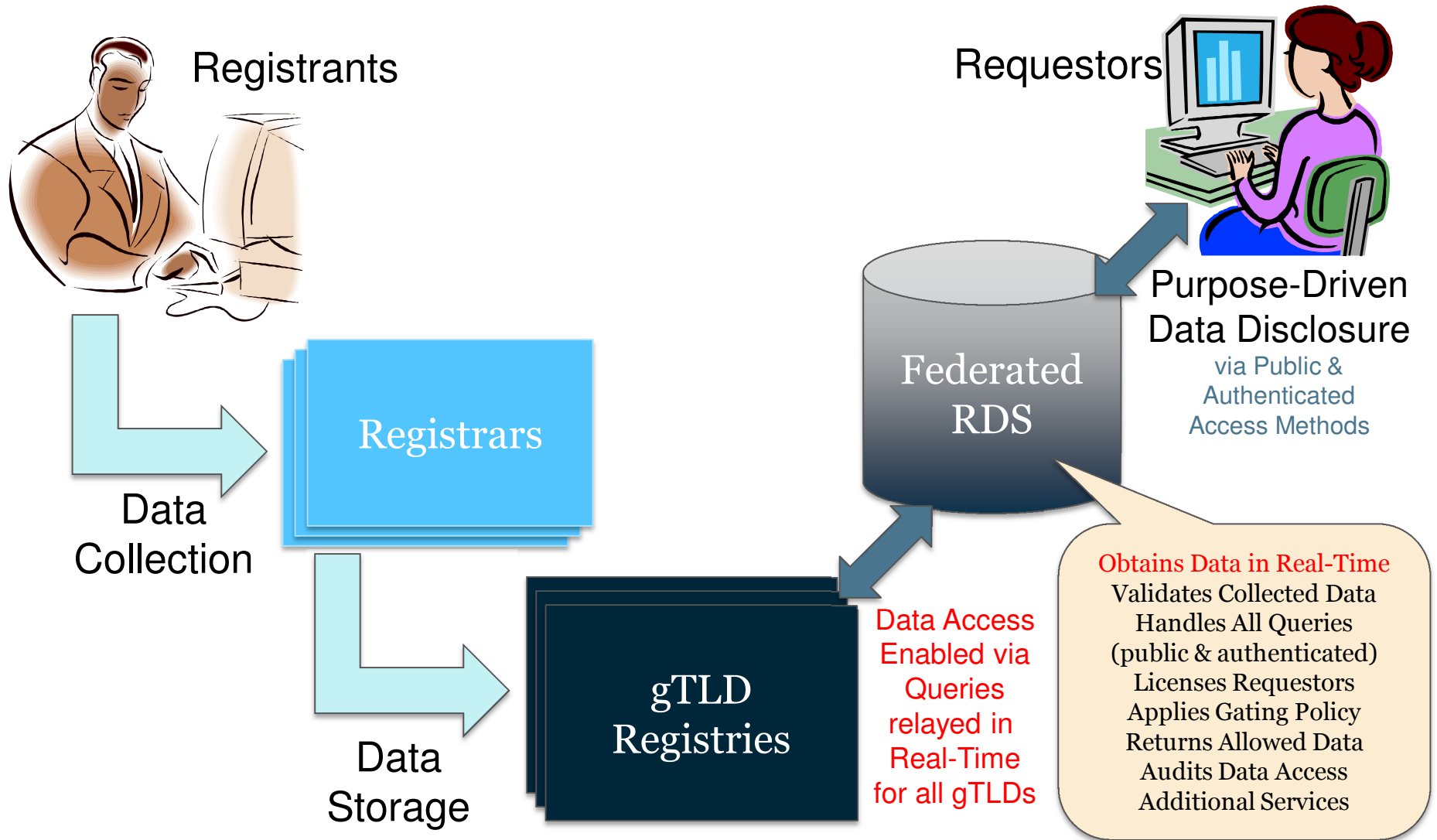
KEY: Bold Elements Always Public/Rest May Be Gated

Shaded Optional to Collect/Rest mandatory to Collect

Possible Models: Aggregated RDS



Possible Models: Federated RDS



Additional Resource Links

- Buenos Aires Public Session Recording
<http://buenosaires48.icann.org/en/schedule/wed-rds>
- Initial Report Announcement
<http://www.icann.org/en/news/announcements/announcement-3-24jun13-en.htm>
- Status Update Report Announcement
<http://www.icann.org/en/news/announcements/announcement-11nov13-en.htm>
- Public Research Page
<https://community.icann.org/display/WG/EWG+Public+Research+Page>
- Public Comments Page
<http://www.icann.org/en/groups/other/gtld-directory-services/share-24jun13-en.htm>