

Subject: [Ext] Complaint
Date: Wednesday, May 24, 2017 at 5:17:45 PM Pacific Daylight Time
From: James Danforth
To: ICANN Complaints Office
Attachments: ldap.png

SUMMARY

GOOGLE has a monopoly on search because your organization provides practically zero transparency of the entire LIST of registered global domain names

As a result, over 5 billion people cannot afford the bandwidth cost of doing a search using google.

DETAILS

Here is a systemic issue for your consideration...

The reason Google has a monopoly on Search is because ICAAN does not provide transparency to the world of all the domain names that are registered in the world in a list. Whois provides a single item. Whois is a dinosaur.

The below is an example of why ICAAN should make the list of ALL domains available. It is a far different world when a million low bandwidth search engines assist us, instead of one. Whether and how much is provided beyond the domain name and tld is something you all can decide better than I.

Dear Ms. Papac,

Google dominates Search and this leaves people with less choice and higher costs since we all pay for the advertising revenues Google derives from Search. Search should be far more democratic.

ICAAN holds monopoly power over domain names. Surely keeping them all straight is a big job and everyone is glad ICAAN does a good job of that...

Problem example

To search for a hotel, I have to use Google, Agoda, Trip Advisor, Priceline or someone else like this. To book a room is a whole different process which I will leave out of this complaint.

These organizations above are all "Middlemen" Gateways to solving my search request. Thats the way the Web has evolved since Tim

Berners-Lee unleashed HTTP in 1992 or so. However, using my standard method of reviewing whats going on in the world, I find this situation ridiculous. More about that later if you like....

IN THE MEANTIME... Billions of people.... LET ME say that again....

Billions of people cannot afford the bandwidth to do a search in the style above. They can barely afford to send / receive a text message or a brief (200 characters) email. These eat up far less load. (Load is the synonym for Bandwidth in the third world). Thats what people in the third world can afford. I've been there in places where a family of 12 tries to live on \$1000 a year. Have you?

Why solve the problem?

Because all these nice, poor, struggling people are the greatest resource we have in this world that is not being utilized at all. I think the Pope would back me up on that observation. So should you.

The Problem Solution (example)

Going backwards.... the results on a web page or a text message or an email should show me

- A. a list of a few hotel URL's in the geographic location I am interested in.
- B. A contact address (phone (for text) and email preferred)
- C. No pictures, no advertisements, no extra bandwidth eating content.

How it Works in this example

I have pretty much all the world's hotel names, addreses, etc. These can be condensed into a key for each... the value associated with this key needs to be the hotel domain. (ex. [www.somehotel.com\[somehotel.com\]](http://www.somehotel.com[somehotel.com]))

I could write a simple script and scrape it all together...but that's a workaround, not a solution. Its easier if there is some reliable tag indicating its a hotel domain

With free access to a directory service exposing ALL public domain entries with their prefix (www,etc) , its relatively trivial to solve this problem

with an ultra-fast, ultra lean LDAP query-response.

Now, that will harm Google. In my book, thats tough luck...its going to happen anyway...

So to Summarize (Finally) (see the picture attached too)

I need to produce a publicly available Web service using distributable, well-

known,
mature, free LDAP technology to solve the problem above and many more like it.

I ask ICAAN to start by creating an LDAP Master Server that I (or anyone on Earth) can use as a referral source. Your LDAP Master Server should expose ALL domain names used on Earth, forever. In this role, ICAAN would be the "Provider" (see pic)

The impact is clear. Search will end up being free, distributed, fast and far more accurate, just like DNS. We are headed in the opposite direction at present.

Be clear, this is a complaint. I am complaining that by not exposing ALL domain names on Earth so problem solvers like me can create something cool with out middlemen and without web pages, ICAAN is inadvertently (or purposefully) **suppressing innovation.**

In time, whether ICAAN acts or not, the problem above will be solved. It will certainly happen a lot quicker if ICAAN took the lead on this issue. There's no doubt ICAAN would introduce a far greater level of elegance

Just a quick reminder of the benefits of innovation. If you go to letsencrypt.org you will find a solution that ELIMINATES costly TLS/SSL certificates and increases web security and viability for us all. I would motion that my suggestion is also a very good path for us all. I hope you all agree.

Regards,
James Danforth,



OpenLDAP Software 2.4 Administrator's Guide

master-slave configuration is shown in figure 3.3. Multi-Master configurations are also supported.

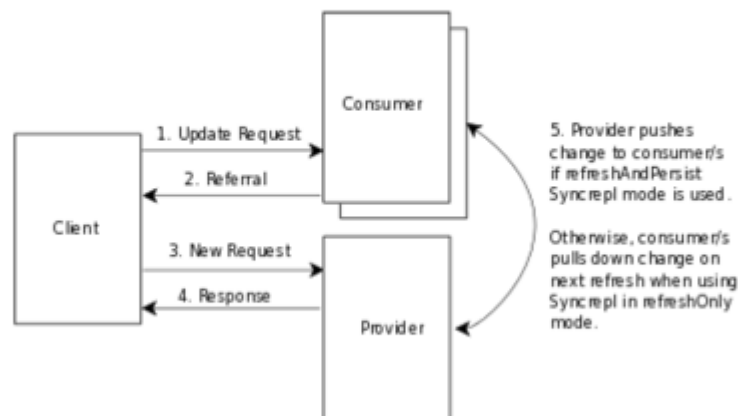


Figure 3.3: Replicated Directory Services