

Network working group
Xplorer
Internet-Draft
Intended status: Standards Track
Expires: Oct 8, 2016

Pradeep Kumar

Individual
April 8, 2016

**Single SignON solution to WWW seen as one Giant computer
draft-pkx-wwwogc-05**

Abstract

The document describes a SingleSignON solution to WWW seen as one Giant computer. As WWW use increases, on average an user has many service login accounts they have to manage. It would be better for most users at the expense of some security risk to have one password for all the services and a WWW shell and a control panel. Also the WWW as an intelligent being could show information to an user interpreting their needs from all their accounts.

Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of [BCP 78](#) and [BCP 79](#).

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at <http://datatracker.ietf.org/drafts/current/>.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

This Internet-Draft will expire on Jun 20, 2015.

Copyright Notice

Copyright (c) 2013 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to [BCP 78](#) and the IETF Trust's Legal Provisions Relating to IETF Documents (<http://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

Table of Contents

1.	Introduction	2
2.	Background	2
3.	General Information of the service	2
4.	Authors Addresses	5
5.	Acknowledgements	5

[1. Introduction](#)

To implement a Single SignON solution to WWW seen as one Giant computer that would help navigate and use the WWW more easily, making passwords more manageable and WWW navigation more intuitive. This is a precursor to futuristic project of Information as a bird that flies to the users.

[2. Background](#)

Currently as a user i have multiple WWW services, i have a hosting account explodingmoon.org and email as pradeep@explodingmoon.org and email service from hotmail.com, and yahoo.com and i have a kasikorn K-cyber bank account, i have an account with cheaptickets.com that i have not used and i can retrieve and reactivate the password, i have two accounts with facebook. All accounts are used by me by using different usernames/userids and passwords. There might be several other services that i have registered and tried and never used and i do not remember any of these. If i can just authenticate with WWW and access all these serives seamlessly without typing in a password, that would lead to a better User experience and would be more time efficient.

[3. General Information of the service](#)

I want to propose a WWW service that allows a WWW navigator to access all his

authenticated services by logging just once. I want to propose a Valid registered

email address as Single SignON key, or a WWW navigators primary email
as WWW Single
SignON Id. So lets say it is pradeep@explodingmoon.org.

Pradeep Kumar Xplorer Expires Oct 8, 2016

[Page
2]

Internet-Draft Single SignOn to WWW seen as one Giant computer
Apr 8, 2016

I want to propose concept of authentication ID. The authentication ID for an email service is just the email ID. But there could be many different levels of authentication needed to be authorized to perform operations in the WWW, or your desktop. I have a hosting account and access to a control panel in my hosting service, thats a username and password to an application of the hosting service. Or it could be an application that I installed in my domain, like a blogging software. I can propose a domainname and domainname/Filename/ where the application is installed. But authentication ID can be numerous depending on the Operating systems and kinds of software. So in my case now , I want to see my email pradeep@explodingmoon.org as my primary email id and my SingleSignON Id. I have a hosting account in bluehost.com, and a control panel user and password, I have an additional secondary email @explodingmoon.org pradeepkumarxplorer@explodingmoon.org. I have email services in hotmail.com, pradeepan88@hotmail.com, a b2evolution blogging software loaded in <http://www.explodingmoon.org/FCSP> with a username pradeepkumarxplorer and a password.

Right now theres no way for an Information publisher to know who is accessing his or hers website other than their IP addresses. This has been a problem for me as a publisher. I wanted to be able to configure my website and say only authenticated users can view my information. So if a user Helena@athens.net accesses my information site, right now I would see an IP address used in Athens Internet Service providers. I should be able to see the SingleSignON Id of Helena@athens.net using a visitor tracking software. And by making a query to a Whois database or some other Application level tool I should get more info about Helena@Athens.net. I should be able to allow or disallow a user to my website at the HTTP daemon level.

So I propose two classes of WWW navigators, Authenticated and anonymous.
I can configure my website to allow anonymous users as well.

The browser is a common internet application and most users use some publicly

available services for email, or services of banks, eshops, travel planning etc.

Public meaning the domainnames are advertised and can be obtained as part of

Information retrieval searches, Wellsfargo.com, cheaptickets.com etc..

A User should be able to either browse anonymously or as an authenticated user.

When a User browse anonymously he or she should be restricted to see some

contents in the WWW.

The WWW should be seen as one Giant Computer. The desktop that you see on

Your device should be known as the WWW desktop.

A browser should have a Userid and Password field or user can proceed to

browse anonymously.

When i log into a computer, i should be able to invoke an Action to Authenticate to WWW Desktop.

The URL field should have next to it a UserName textfield and a Password TextField.

There should be toggle button which shows who the browser user is, an Authenticated user or an anonymous user.

The Desktop and the browser can be configured to accept the Desktops Sessions Username and Password as the WWW Desktops Username and password!.

If you are registering for first time, you create a Unique WWW User id that would somehow linked to an external authentication.

Lets say i am able to register to the WWW as Pradeep.
My WWW id is Pradeep@Desktop.WWW

If Pradeep@Desktop.WWW never logs into internet again for two years, how would you locate Pradeep@Desktop.WWW . So in the registration there should be something that links Pradeep@Desktop.WWW to a Non internet realm. Pradeep's travel document or finger print id or retinal scan or that Pradeep carries an Unique Obsidian from California.

So the User can browse as anonymous or as an Authenticated User with other attributes.

In this design it is only Anonymous and Authenticated.
The Single SignON eliminates the need to login multiple times.

Lets say I have chosen pradeep@explodingmoon.org as my primary email id or

SingleSignON id. Registering for pradeepan88@hotmail.com and pradeep@yahoo.com
Would be easy and just need one button click.

I am adding these concepts WWW shell

I propose a WWW shell, where I can do many operations related to SingleSignON identity.

The WWW shell should have Operations like these.

Assign Username emailid

AddtoProfileofUserName Does not want to see Webpages related to

Hindi Movie stars

Pradeep Kumar Xplorer Expires Oct 8, 2016

[Page 4]

List SingleSignONUserName AuthenticationPages

(In this case)

List pradeep@explodingmoon.org AuthenticationPages

pradeepan88@hotmail.com

pradeepugimwidnaus@yahoo.com

facebook.com/pdeep

facebook.com/xplorer.pradeep

www.bluehost.com/Explodingmoon.org

www.explodingmoon.org/b2-evolutionInstallDirectory/pxplorer

www.kasikornbank.com/K-CyberuserId

www.hover.com/UserId

pradeepkumaxplorer@gmail.com

www.cheaptickets.com/UserId

List ProfileSummary pradeep@explodingmoon.org

Interests: Fitness, food, Travel, backpacking, Yoga,

Webhosting, Journals, airtickets, Artificial intelligence,

Health

Replicate UUsername1 Username2

Merge Username1 Username2 Username3

Merge ProfileSummary1 ProfileSummary2 ProfileSummary3

Internet-Draft Single SignON to WWW seen as one Giant computer
Apr 8, 2016

Load ProfileSummary3 pradeep@explodingmoon.org

(May be a Database engine would help Profile management, creation etc)
The concept of profile is to implement software that allows Information
to fly to Users.

I am adding these. A smartcard device can be used for SingleSignON and
it can enforce

additional authentication. I insert a card and the client requests me
to put my fingers or

place my eyes for retinal scan. In addition information from
services not used or viewed

can be shown. If i dont login to some domains or services and the
messages in those domains

or services can be shown to remind me they are not looked at for long
time.

Also browser can be opened with httpsso:// service to be in this mode.

I also want to propose a Logs file for Webserver available
automatically without

use configuration for the privileged users or owner of the website. So
i own

<http://www.explodingmoon.org>, the weblogs should be available to
privileged users

in <http://www.explodingmoon.org/Logs> and it should show some User
Identities that

can be clicked on to find out all the emails, contact phone numbers and
whatever the

User Identity wants to list. This can be made a HTTP standard so i dont
have to install

configure user tracking.

Added on Apr 8, 2016

I now want to propose that an internet session be able to be linked to
a phone

number. This automatically happens if i am using an Android with a SIM
card.

I should be able to do this from Operating system control panel and the
awstats

or webstatistics should show phone numbers as well as IP address. A
verification

is probably needed and it could be costly. The authentication id could
be used

as the phone number.

4. Authors' Addresses

Pradeep Kumar Xplorer
EMail: pradeepan88@hotmail.com
URI: <http://www.explodingmoon.org>
<http://www.dhyanayoga.info>

5.Acknowledgement

I have been a publisher of <http://www.dhyanayoga.info> since 2004/2005 and <http://www.explodingmoon.org> since 2008. I have used bluehost.com for hosting my website and have found the need to know who views my site, their email addresses and not just IP address. If i can be shown a Single SignON identity like a primary email address that when clicked on expands to other identities that viewers allows to reveal, it would be useful to me as a publisher.

Internet-Draft Single SignON to WWW seen as one Giant computer
Apr 8, 2016