         Extensions to WHois service to allow query on email identities
                  draft-emailwhois-pradeepkumarxplorer-02

Abstract

   This document describes the need for a WHois email address service
   similar to the internet domainname WHois service. Theres a need for
   a registered email address as opposed to non-registered email address
   to fight internet SPAM, as well as encouraging email use for personal,
   commercial and legal and all kinds of purposes.An internet user
   can have multiple email identities.

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 Oct 18, 2019.

Table of Contents

1. Introduction

   To implement a WHois email address service similar to whois domain name
   service

2. Background

   Currently a user can go to a service like http://www.whois.net
   and lookup a domainname.If i query explodingmoon.org It would
   output WHOIS Imformation for explodingmoon.org.

   There has to be a way i can type in a valid email address as well
   as input to WHois service. Currently no such email directory exists.

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

      A user is likely to have several email addresses that he or she
      uses. A concept of primary email address can be used for the
      Whois service. I am pradeep@explodingmoon.org as well as
      pradeepan88@hotmail.com and pradeeplugimwidnaus@yahoo.com as well as
      pradeepkumarxplorer@gmail.com.
      A user should be able to register his or her email address with
      WHois registry and add other details about them.
      A location field of the email address can be used to
      implement email security. if my email is pradeep@explodingmoon.org
      and i give my location as Thailand, my email service provider can
      provide me additional security by restricting access from netherlands.
      There could be any level of details. Registration of email addresses
      in the registry can be via email or via webforms.A user choses what
      information he or she choses to reveal. I can chose to reveal my
contact
      information.

      The current email protocols SMTP or whatever need to query sender email
      address only if its valid and authorised by the email regsitry, the
senders
      email should be delivered. In the last 5 years i have been frauded by
emails
      like efcc.nigeria.org@representative.com and they have extorted cash
from me
      as if its legal fees to recieve funds and it has resulted in too much
harm to me.
      If i can configure my email client to recieve emails from those
authorised
      by email registry, i would not have this problem.

      I propose two different applications or apps.
      VerifyEvnevlope that takes as input an email header and reports if the
sender of
      the email is really who the header claims to be.
      WHoisEmail This takes the email and shows information that can be used
to identify the sender.
      This can be protected by the senders password or public key. The
information retrieved can
      be the location, identiy documents, credentials, certificates, finger
prints etc.

      I am adding these
      Its easy to use software to configure email delivery to multiple
locations.
      I am pradeep@explodingmoon.org now in palakkad internet can be
configured so

an emails that originates from usa delivered inside USA only. sofwtare like DNS
tables and routing can be changed to have delivery to a duplicate place.This has
to be avoided by a central registry or some other techniques. If i am emailing
tm@enough.com who is in USA, i have to be able to do a whois of tm@enough.com that
says enough.com is in USA and avoid delivery to spain.I have to add more later.

4.Authors' Addresses

    Pradeep Kumar Xplorer
    EMail: pradeep@explodingmoon.org, pradeepan88@hotmail.com
    URI: http://www.pradeepkumarxplorer.com

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. Also i have been using
    services of hotmail.com, yahoo.com, facebook.com and found the need for
    a Single SignON to the WWW and an email registry and a concept of
    primary email address is a precursor to that implementation.