Network Working Group Xplorer Internet-Draft Intended status: Standards Track Individual Expires: Jun 22, 2017 Pradeep Kumar

Dec 22, 2016

Proposal for protocol and operating systems Virtual machines draft-pradeep-kumar-xplorer-posvm-03.txt

Abstract

This document describes need for protocol and operating systems Virtual machines Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of <u>BCP 78</u> and <u>BCP 79</u>.

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 <u>http://datatracker.ietf.org/drafts/current/</u>.

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 22,2017.

Pradeep Kumar Xplorer Expires Jun 22, 2017 [Page 1]

Internet-Draft Proposal for protocol and operating systems virtual machines Dec 22, 2016

Copyright Notice

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

This document is subject to <u>BCP 78</u> and the IETF Trust's Legal Provisions Relating to IETF Documents (<u>http://trustee.ietf.org/license-info</u>) 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

<u>1</u> .	Introduction	<u>2</u>
<u>2</u> .	Background	<u>2</u>
з.	General Information of the service	2
_	Authors Addresses	_
<u>5</u> .	Acknowledgements	<u>3</u>

1. Introduction

To implement a protocol and operating system virtual machine in addition to a

desktop virtual machine like java virtual machine

2. Background

Right now as a user i am stuck with my operating system and a browser that uses HTTP protocol. There can be more the user can control, how a browser and other

clients like emailer behaves.

3. General Information of the service

Right now i am stuck with an HTTP protocol and a browser and some applications

that behaves in a certain way and an operating system that behaves in a certain $% \left({{\left({{{\left({{{\left({{{c}} \right)}} \right.} \right.} \right)}_{\rm{certain}}}} \right)$

way.

I would want little more user configurability. For this i propose a Operating system

virtual machine and a protocol virtual machine in addition to a desktop virtual

machine like java virtual machine.

So my computer or mobile phone has three virtual machines. Desktop virtual machines that interprets commands to render on desktop/browser like java virtual machine and operating system virtual machine and a protocol virtual machine. I should be able to Configure a particular operating system for my desktop and share it with all those who like it - similar to a Content management system theme or a blogging skin. I should be able to configure protocol for network communication, theres data and protocol and share it with all others. So i can configure a beer:// protocol or my own email protocol. Lets say there are 100 computers authorised to upload and view certain kind of video files like fitness yoga videos. These 100 computers are on the internet and can transmit data with millions of computers but only these 100 computers know how to interact with each other to view and upload such files. SO i have an operating system that i configured using my desktop that has the three virtual machines. It has only three actions. View videos Search videos and Upload Videos. I switch on the machine, i dont see microsoft windows or android but just a screen with three possible actions. So i should be able to download this operating system from the network and use it. Similarily the communication protocol can be configured for browser. I should be able to configure a chat protocol for my browser and have 1000 download it or a beer:// protocol.

Pradeep Kumar Xplorer Expires Jun 22, 2017 [Page 2]

Internet-Draft Proposal for protocol and operating systems virtual Dec 22, 2016

4.Authors' Addresses

Pradeep Kumar Xplorer EMail: pradeepan88@hotmail.com URI: <u>http://www.pradeepkumarxplorer.com</u>

5.Acknowledgement

Pradeep Kumar Xplorer	Expires Jun 22, 2017	[Page 3]
-----------------------	----------------------	----------

Internet-Draft Proposal for protocol and Operating systems Virtual machines Dec 22, 2016