

Microsoft is Open!

마이크로소프트의 개방성(개방, 협력)에
관한 증언

김명호

최고기술팀장 (National Technology Officer)

한국마이크로소프트

개방성과 협력에 관한 마이크로소프트의 약속은

전 세계의 업계 파트너와
비즈니스를 함께 하는
접근법에 깊이
뿌리내리고 있습니다!



오픈소스(리눅스)도 예외가 아닙니다



개방형 클라우드 Microsoft Azure

여러 기술 스택에 걸쳐 개방적이고 폭넓고 유연한 플랫폼을 제공해 왔음

Microsoft 1st party support

Ecosystem supported

Languages       

Bring your own framework!

CMS   

Microsoft®/web

Dozens of .NET & PHP CMS and Web applications

Devices   

 **Xamarin**  **APACHE CORDOVA™**

Databases  **Microsoft® SQL Server®**  **Hadoop** 

 **cassandra**  **ORACLE®**  **MySQL**  **mongoDB**  **redis**

Operating systems  

 **VM Depot** PREVIEW
by Microsoft Open Technologies  **FreeBSD**

Formats  **OPEN XML**  **ODF**  **Open Data Protocol** **{JSON}**

Standards  **W3C**  **IETF**  **OASIS**  **IEEE**  **OMA**
Open Mobile Alliance

150+
standards organizations

400+
working groups

Microsoft Azure Virtual Machines

Microsoft Azure의 Infrastructure as a Service 서비스는 윈도우와 리눅스 가상머신에 대하여 완전한 제어와 관리를 가능하게 하는 기능 포함

Open, with Options



1

Deploy a full range of open and community-driven OS and software solutions on Azure.

2

Choice of a full range of Linux distributions like Ubuntu and SUSE, openSUSE, and CentOS

3

Community-driven solutions like Chef, Puppet & Docker, with other products like Oracle Database and Oracle WebLogic Server.

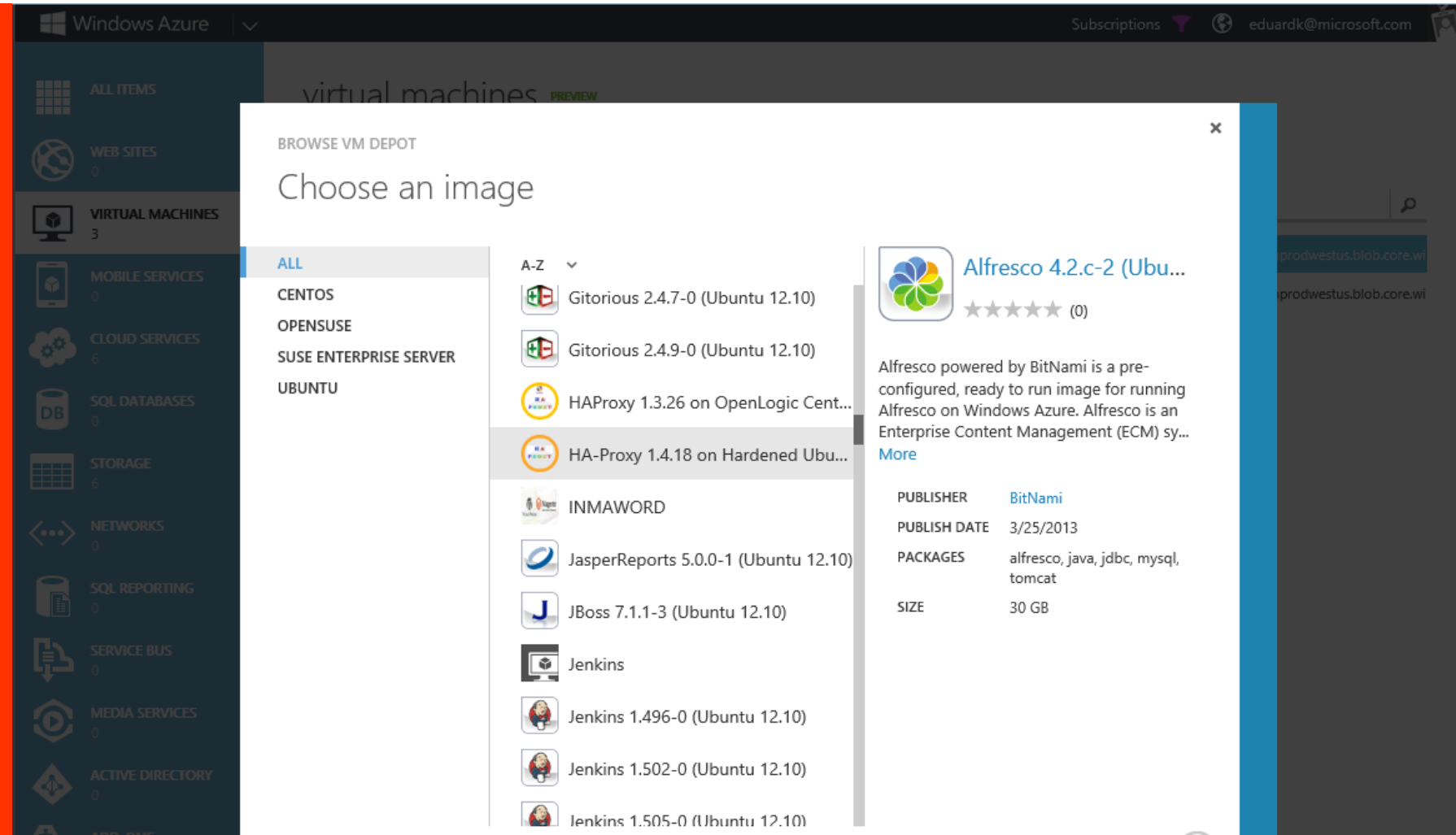
VMDepot

Microsoft Azure + 오픈소스 소프트웨어

Growing gallery of open source Linux images

Licensed & supported by the community

Integrated with Microsoft Azure Management Portal for easy deployment



Windows Azure

Subscriptions | eduardk@microsoft.com

virtual machines

BROWSE VM DEPOT

Choose an image

ALL

CENTOS

OPENSUSE

SUSE ENTERPRISE SERVER

UBUNTU

A-Z

- Gitorious 2.4.7-0 (Ubuntu 12.10)
- Gitorious 2.4.9-0 (Ubuntu 12.10)
- HAProxy 1.3.26 on OpenLogic Cent...
- HA-Proxy 1.4.18 on Hardened Ubu...
- INMAWORD
- JasperReports 5.0.0-1 (Ubuntu 12.10)
- JBoss 7.1.1-3 (Ubuntu 12.10)
- Jenkins
- Jenkins 1.496-0 (Ubuntu 12.10)
- Jenkins 1.502-0 (Ubuntu 12.10)
- Jenkins 1.505-0 (Ubuntu 12.10)

Alfresco 4.2.c-2 (Ubu...)

★★★★★ (0)

Alfresco powered by BitNami is a pre-configured, ready to run image for running Alfresco on Windows Azure. Alfresco is an Enterprise Content Management (ECM) sy...

[More](#)

PUBLISHER: BitNami

PUBLISH DATE: 3/25/2013

PACKAGES: alfresco, java, jdbc, mysql, tomcat

SIZE: 30 GB

Microsoft Azure + Hadoop

HDInsight는 100% Apache Hadoop 기반의 클라우드 서비스

Scale elastically on demand

Crunch all data: structured, semi-structured, unstructured

Develop in language of choice

Visualize Hadoop data in Excel

Connect on-premises Hadoop clusters with the cloud

Includes NoSQL transactional capabilities

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Microsoft Azure Web Sites

엔터프라이즈 등급의 웹 앱들을 신속히 구축, 배치, 규모화(scale)할 수 있도록 지원하는 PaaS 서비스

Use ASP.NET, Java, PHP, Node.js or Python

Run popular web apps and CMS solutions including WordPress, Drupal, Joomla, Umbraco and DotNetNuke

Support for Microsoft SQL, MySQL, MongoDB, Document DB, Redis, & Azure Table Storage

Continuous deployment workflows with VSO, GitHub, TeamCity, Hudson or BitBucket

The screenshot displays the Microsoft Azure Web Sites management interface. At the top, the URL is 'Microsoft/web' with a language dropdown set to 'English (United States)'. A navigation bar includes links for 'Home', 'Platform', 'Get Started', 'Get Web Apps', 'Get Hosting', 'Join Programs', and 'Downloads'. The main content area shows a 'Microsoft Azure' dashboard for a user named 'hasakizero'. A 'SET UP DEPLOYMENT' dialog box is open, asking 'Where is your source code?'. The dialog lists several options: Visual Studio Online, Local Git repository, GitHub, Dropbox, and Bitbucket. A green 'Install' button is visible at the bottom right of the dialog. The background shows a sidebar with various service icons and a main panel with a 'nopCommerce' description.

Microsoft Azure Mobile Services

iOS, 안드로이드, 윈도우, 맥 등 임의의 플랫폼을 위한 앱을 구동하는데 사용될 수 있는 규모화 가능하고 안전한 백엔드 제공

Build scalable iOS, Android, and Windows apps

Easily authenticate your users with Active Directory

Securely connect to on-premises resources like SAP, Oracle and SQL Server

Leverage cross-platform frameworks like Xamarin and PhoneGap to build enterprise-grade apps for your employees.



Microsoft WebMatrix

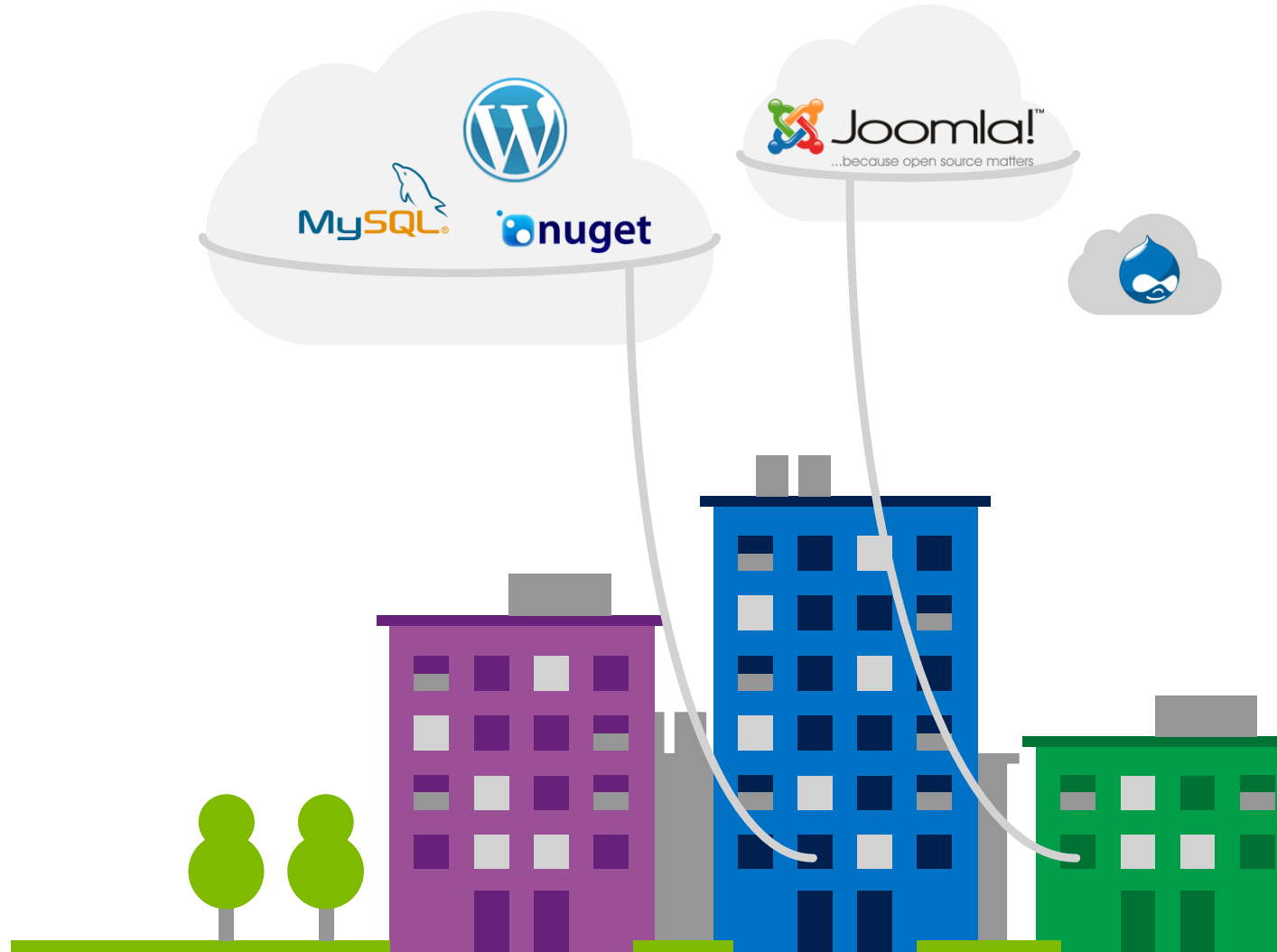
웹사이트를 손쉽게 작성, 퍼블리시, 관리할 수 있도록 지원하는 무료, 경량, 클라우드에 연결된 웹 개발 도구

Create websites using our ASP.NET, PHP, Node.js, or HTML5 templates

Take advantage of the latest web standards, emerging standards(CSS3, HTML5), and popular JavaScript libraries such as JQuery

Install popular open source web apps with a few clicks, customize them easily with app-specific code completion, & publish them quickly to the web

Plug into GitHub, CodePlex, and Team Foundation Service



The Best Productivity Experience

거의 모든 기기에서 사용할 수 있는 최고의 Office 앱들

Seamlessly switch devices & keep the rich experience using Office Mobile, Office Online, Office for iPad

Create professional output even without your own machine, using any browser

Get your personalized rich Office experience on all your devices with Office 365 ProPlus

Be instantly productive in a new location by streaming Office to any Internet-connected PC



Excel 2013 for PC

Office Mobile

Office for iPad

Office for Android

Office Online

Microsoft Research + 오픈소스

오픈소스를 포함, 개방형 과학 연구를 지원하기 위한 여러 무료 도구들



Science



Education & Scholarly Communication



Computer Science

Microsoft + 오픈소스 모멘텀

Microsoft Azure



21%
Linux

>1,000 Linux VMs to choose from

CodePlex membership
has more than tripled



300,000

2010

1,100,000+

2014

Microsoft
WebMatrix

>1M
downloads

Office for
iPad

>27M
Downloads
in first
6 weeks

SUSE-Microsoft Alliance customers

>1,000



Significant code and
engineering hours
dedicated to Hadoop core, Hive
and Tez

Local Software Economy 지원



For every **\$1** Microsoft makes,
local partners make **\$9.25**



35% of
Microsoft Azure
revenue comes from partners



>640,000

Microsoft partners globally



>75% of
Office 365 customers
are deployed by partners

스타트업을 위한 글로벌 프로그램 BizSpark

www.microsoft.com/bizspark

Access to featured Microsoft Technologies:



Microsoft Azure



Microsoft BizSpark is a global program that provides free software, support and visibility to help startups succeed. Over **100K startups** from **165+ countries** have joined BizSpark. The three year program is free of charge and gives startups:

Software

Three year access to current, full-featured software development tools

\$150 of monthly *Microsoft Azure* benefits to quickly build, deploy and manage web applications

Free access to Windows and Windows Phone Developer Accounts

Support

Professional technical and product support

Unique and valuable offers from the BizSpark Network Partners to help run your business

Four free MSDN Support Incidents

Visibility

Profile, Offers and Events

A connection to the BizSpark ecosystem, giving startups access to investors, advisors and mentors

Opportunities to achieve marketing visibility

Eligibility

To qualify, startups must be:

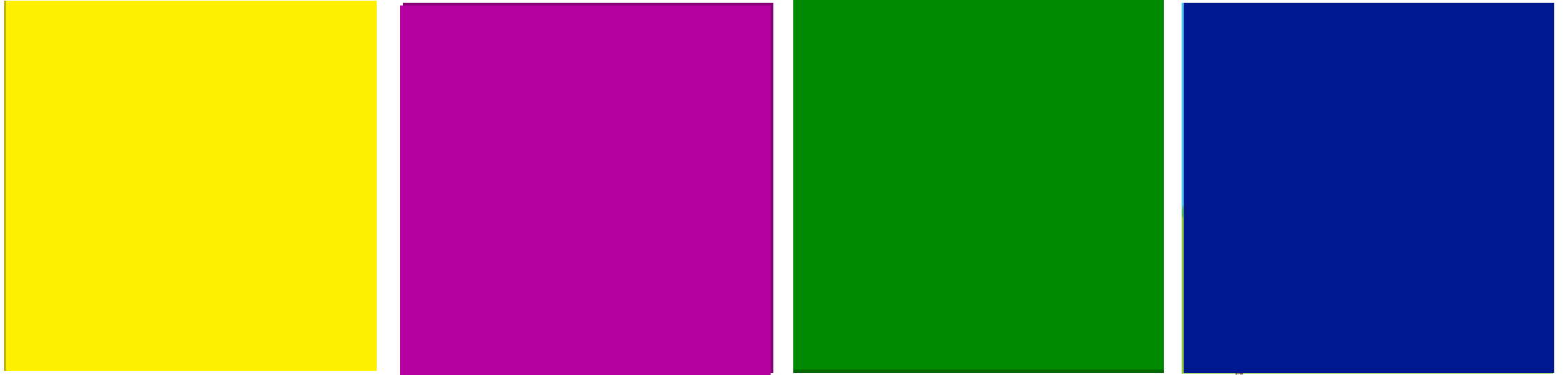
Developing Software

Privately held and making less than US \$1M in revenue per year

Less than 5 years old



청소년 기회격차와 Microsoft YouthSpark



마이크로소프트 개방성은 전사적 가치

Microsoft Azure



Microsoft Research



Open Source Technology Center



Open Solutions Group



더 많은 정보를 원하시면...

- 웹: microsoft.com/openness
- 트위터: [@OpenAtMicrosoft](https://twitter.com/OpenAtMicrosoft)
- 블로그: blogs.technet.com/b/openness
- 이메일: opensource@microsoft.com
- 고객 사례: customers.microsoft.com



