

擁抱開放的雲端平台

台灣微軟公司公共業務事業群技術長

葉光釗

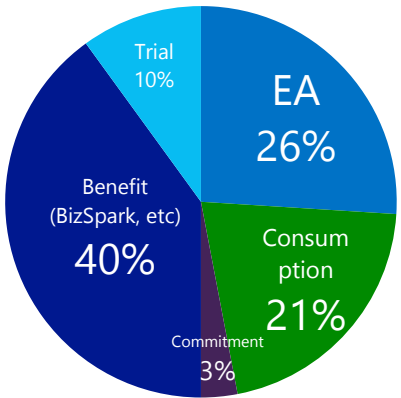
範例 – Linux VM 在 Azure 平台上的統計數字

21%

+373%
YoY
(FY14Q4 vs. FY13Q4)

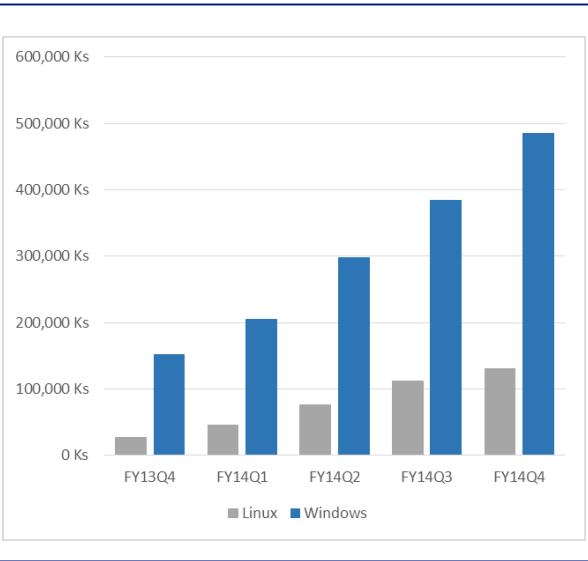
Ubuntu: 53%
CentOS: 22%
Bring Your Own: 22%

Mix % by Offer Type

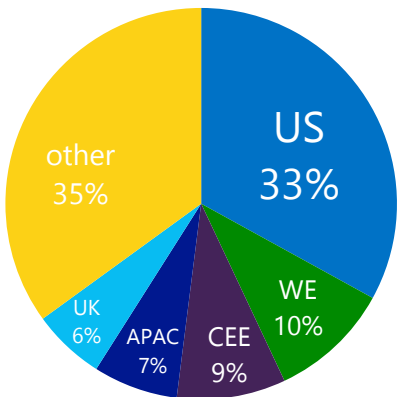


Top Linux Share Markets

| | |
|------------------|--------|
| #1 Greater China | 41.14% |
| #2 CEE | 30.77% |
| #3 India | 30.28% |
| #4 France | 29.98% |
| #5 Japan | 29.53% |



Share of Hours



Top EA % for Linux VM Markets

| | |
|-------------------|--------|
| #1 Venezuela | 96.06% |
| #2 Qatar | 49.34% |
| #3 Belgium | 47.16% |
| #4 Panama | 43.84% |
| #5 France | 43.27% |
| #5 Singapore | 42.13% |
| #6 Hong Kong SAR | 41.19% |
| #7 Slovakia | 39.80% |
| #8 Germany | 37.21% |
| #9 United Kingdom | 34.32% |

Open Source Software

In the Headlines



"An atmosphere of openness and cooperation seemed to run through presentations at the annual Microsoft developers conference..."

-Janet I. Tu

The Seattle Times

"Years ago, Microsoft's CEO described open source as a cancer. Times have changed. Just ask 22-year Redmond veteran and open-source proponent Mark Hill."

-Charles Cooper



"There has been a real change...it's seeped into enough of the organization that it's more than just window dressing. There are many examples where Microsoft is integrating with, and even creating open source in an effort to grow market share and support customers."

-Jeffrey Hammond

FORRESTER®



Aaron Levie
@levie

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Microsoft is becoming a dramatically more open and platform-agnostic company overnight. Great for customers and the industry.

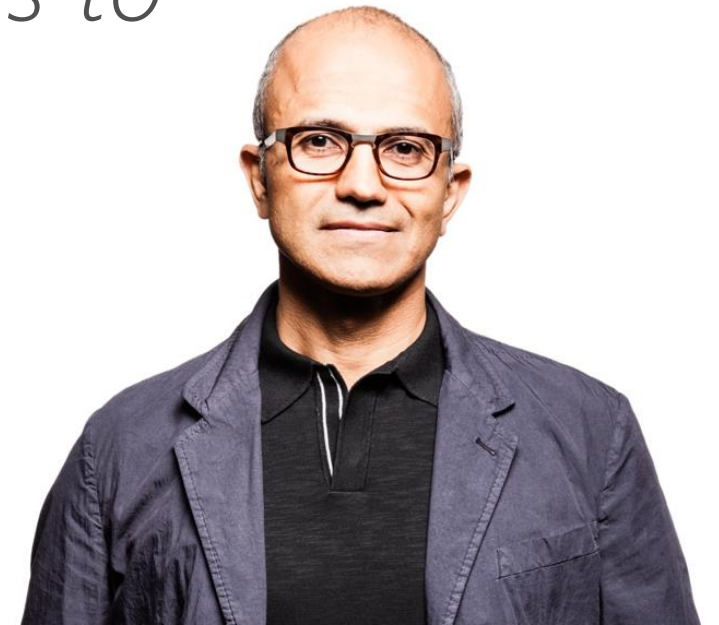
-CEO of Box via Twitter

微軟 CEO Satya 針對 Open Source 的評論

"...We have really made sure that it [Azure] is a very open platform. It's not just about .NET and Windows, ...we have the most open infrastructure... We want to thrive in this heterogeneous world when it comes to the public cloud.."

July 16, 2014

WPC14, Washington, D.C.



微軟 Open Source 的方針



On a day-to-day basis with

- Industry Partners
- Open Source Communities

High-quality devices
and cloud services that
customers can trust

For others to drive
innovation and break
barriers

微軟 Open Source 的方針

Openness & Collaboration

- Microsoft has worked with open source communities for almost **10 years** & SUSE Alliance has reached **>1K customers**
- We **enable** open source on our platforms, as well as **contribute** to the communities we participate in. For example, as of June 2014, we've contributed **30,000 lines of code** and put in 10,000+ engineering hours to support **Hadoop** projects.
- We've **updated our MVP program** to recognize the great work that developers are doing with **open source**.
- Actively participate in **150 standards bodies and 400 working groups** globally, alongside many communities and industry partners.

Transparency

- All of our regulatory compliance and privacy policies are clearly explained in the online portal called **Trust Center**.
- We participate in **industry standards** like ISO 27001, SSAE16 and Cloud Security Alliance.
- We undertake **yearly audits** with independent 3rd parties
- We provide a rich set of **financially backed** monthly SLAs (this differentiates us from other cloud providers like AMZN whose SLAs are fewer and annual).
- We provide **real time status** of all the services via a Service Dashboard. We provide **Root Cause Analyses** in case of issues.

Opening up Opportunity

- Around **15% of Azure today has Linux and various packages of Linux**.
- Azure provides an **out-of-the box** experience for open frameworks like Hadoop, web frameworks like **Wordpress, Joomla and Drupal**.
- Azure Virtual Machines supports several operating systems/images, including CentOS-based, SUSE & Ubuntu
- Web developers have downloaded more than **one million open source web applications** via Microsoft WebMatrix.
- MS Open Tech's VM Depot is a community gallery of open source Linux images, easily deployed to Azure.
- Azure provides first party SDKs for developing apps using Android, iOS or Windows phones.

Microsoft + Open Source



Linux



Microsoft + Open Source 的成果

Microsoft Azure



15%
Linux

1,000 Linux VMs to choose from

CodePlex membership
has more than tripled



300,000

2010

1,000,000+

2014

Microsoft WebMatrix



>2M

downloads

SUSE-Microsoft Alliance customers

>1,000



9 of the top

10 most
downloaded OSS
projects run on
Windows

9/10

Sourceforge (Nov'12)

Azure + OSS 在每一層次上的支援

Microsoft 1st Party Support

Languages       

CMS   

Devices    

Databases  

Operating systems  

Ecosystem Supported

Bring your own framework!

Windows® **Web App** Gallery
Dozens of .NET & PHP CMS and Web applications

 **Xamarin**  **CORDOVA™**
Via cross-platform and native code approaches

 **cleardb**  **MySQL™**  **mongoDB**  **redis**

 **VM Depot** PREVIEW
by Microsoft Open Technologies  **FreeBSD**
Ubuntu, SUSE, OpenSUSE, CentOS & Oracle EL + hundreds on VM Depot

客戶證言: British & Irish Lions



"We thought hosting Linux on [Microsoft] Azure would be tough. We were wrong. Everything just worked. And the console and configuration flexibility was an advantage over what we see from other cloud providers."

Macdara Butler

Commercial Director - Elite Edge



Solution

The team created a mobile app that gave millions of fans around the world a front row seat. Hosted on Microsoft Azure, the app featured behind-the-scenes content, interactive competitions, near real-time videos, and other innovative features, delivered to Windows, Apple, and Android devices.

Benefits

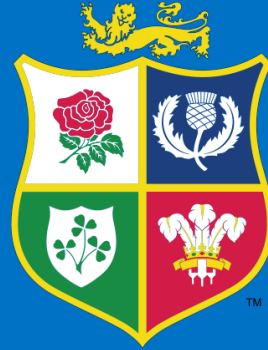
Non-professionals easily uploaded near real-time video

Supported 12,000 page requests per second with 10 instances

Reduced development time/cost and hosting expense by 80%



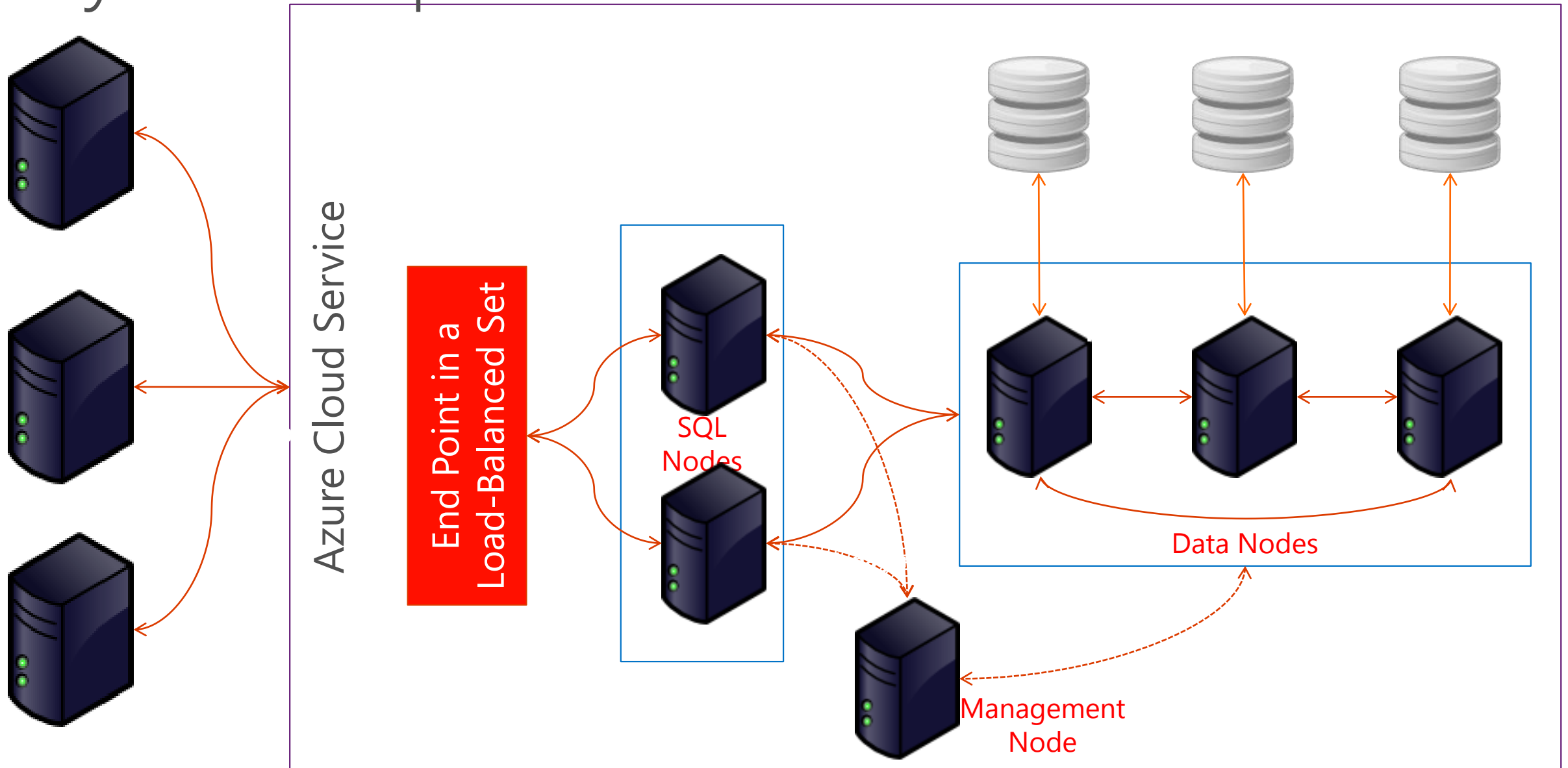
Open Source on Azure 客戶群



HYPERLOCALIZER



MySQL Dep. Architecture –Cluster



Opening and Managing Open Data

