

Aditinet, VMware e Palo Alto Networks

Software-Defined IT in azione!

Verona, 19 Aprile 2016



Primo Bonacina

Managing Partner
PBS – Primo Bonacina Services

**VMware e Palo Alto Networks con Aditinet: Software-Defined IT
in azione!**

Partecipa a questo incontro per scoprire come la Rete governata dal Software può migliorare drasticamente il livello di protezione e agilità delle applicazioni

L'agenda della mattinata

Agenda

- 9:00 Benvenuto e Registrazione
- 9:45 Software-Defined IT: Siamo pronti? (**Primo Bonacina**, PBS Primo Bonacina Services)
- 10:25 Aditinet e la strategia verso il Software-Defined IT (**Armidoro Belisario** Sales Director Area Nord, , Aditinet)
- 10:50 VMware NSX, la piattaforma di sicurezza e virtualizzazione della rete: Agilità e Operations, Sicurezza e Segmentazione (**Daniele Zecchinato**, VMware)
- 11:30 Coffee Break
- 11:50 Next-Generation Security per il Software-Defined IT (**Alessio Agnello** , Palo Alto Networks)
- 12:10 Software-Defined IT in azione: come integrare le migliori tecnologie per le nuove infrastrutture (**Matteo Indennimeo**, Aditinet)
- 13:00 Q&A e Lunch



Oggi parliamo di Software-Defined IT

The screenshot shows a web browser window with the URL <http://dupress.com/articles/tech-trends-2015-software-defined-env>. The page is titled "Software Defined strategies... The Future Of The Network Is..." and is part of a series titled "Tech Trends 2015, Software...". The header includes links for "File", "Modifica", "Visualizza", "Preferiti", "Strumenti", and a search bar. The main content features a Deloitte University Press logo and a large graphic with the text "Software-defined everything" and "Breaking virtualization's final frontier". The graphic includes binary code, gears, and a checkmark icon. Below the graphic, there is a quote: "Much of the operating environment can now be virtualized, automated, and orchestrated, positioning infrastructure as a competitive differentiator that can help fuel innovation." To the right, there are sections for "WRITTEN BY" (Ranjit Bawa & Rick Clark) and "PUBLISHED" (January 29, 2015). The browser's address bar also lists various tabs and links related to software-defined networking.

Chi di voi possiede un'automobile?

autoblog

EXCLUSIVE May 20th 2015 at 8:32AM

General Motors says it owns your car's software

In Copyright Dispute, GM Attorney Says Customers Just License Vehicle Use



Buy a General Motors vehicle lately? Check the fine print. The company says you may not own some parts of a vehicle that actually make it run.

Pete Bigelow

In comments sure to rankle customers, a GM attorney said Tuesday the company believes the software that controls every vehicle function belongs to them. Even after customers pay tens of thousands of dollars for a car, the company says users are merely signing a licensing agreement to use it over its lifetime.

"It is our position the software in the vehicle is licensed by the owner of the vehicle," Harry Lightsey said.

SHARE

Torniamo a noi: perché SDN e SD IT?

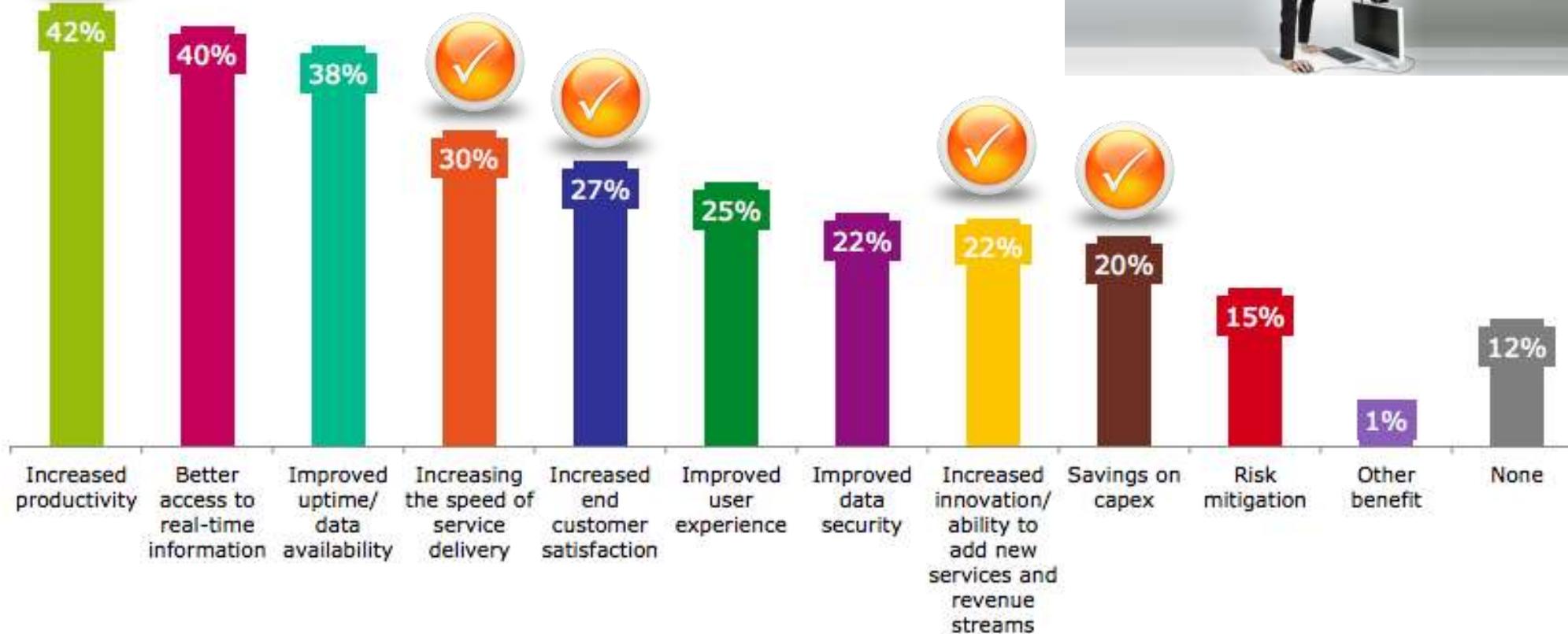


Figure 14: "Which of the following do you perceive as the biggest potential benefits of SDN technologies?" – asked of all (500 respondents)

Perché proprio adesso?

90% OF WORLD'S DATA CREATED IN LAST TWO YEARS

April 13, 2015



Melissa Di Donato, head of European Channels & ISV Programs at Salesforce.com says that a connected environment would mean connected sales teams, digital sales aids and an integrated customer platform as part of the broader pattern. "The world has gone social with 2.3 billion social users, but companies are building their own social networks in the form of communities," and channels would need to adapt to this.

Facciamo ora un (rapido) viaggio nel tempo

The image displays a 4x3 grid of monthly calendar pages for the years 2011, 2012, 2013, 2014, 2015, and 2016. Each page shows the days of the month from Monday to Sunday. The years are arranged in two rows of six. The first row contains 2011, 2012, and 2013. The second row contains 2014, 2015, and 2016. Each month's calendar includes a color-coded legend for various holidays and events. The months are labeled at the top of each column: January, February, March, April, May, June, July, August, September, October, November, and December. The days of the week are indicated by abbreviations: Mon, Tue, Wed, Thu, Fri, Sat, Sun.

Marc Andreessen lo diceva già nel 2011!

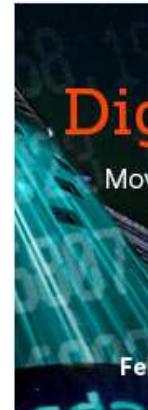
Why Software Is Eating The World



By MARC ANDREESSEN

August 20, 2011

This week, Hewlett-Packard (where I am on the board) announced that it is exploring jettisoning its struggling PC business in favor of investing more heavily in software, where it sees better potential for growth. Meanwhile, Google plans to buy up the cellphone handset maker Motorola Mobility. Both moves surprised the tech world. But both moves are also in line with a trend I've observed, one that makes me optimistic about the future growth of the American and world economies, despite the recent turmoil in the stock market.



In an interview with WSJ's Kevin Delaney, Groupon and LinkedIn investor Marc Andreessen insists that the recent popularity of tech companies does not constitute a bubble. He also stressed that both Apple and Google are undervalued and that "the market doesn't like tech."

In short, software is eating the world.

More than 10 years after the peak of the 1990s dot-com bubble, a dozen or so new Internet companies like Facebook and Twitter are sparking controversy in Silicon Valley, due to their rapidly growing private market valuations,

E nel 2012 ...

The screenshot shows a web page from theMETISfiles, a source for IT success. The header features the logo "theMETISfiles" in large orange letters, with "source to success" in a smaller, italicized font below it. The navigation menu includes links for Home, Research, Thought Leadership, Opinion, Consulting, Cloudscape, and Customer. Below the menu, three sub-links are visible: Elastic Enterprise, Connected Worker, and Partner Ecosystem. A large orange circular icon with a checkmark is positioned on the left side of the main content area. The main title of the article is "The Future Of The Network Is Software Defined". Below the title, the author is listed as "Written by Pim Bilderbeek on 04/10/2012". The article text discusses a debate session at the NetEvents EMEA Press and Analyst Summit regarding Software Defined Networks (SDN). It mentions panellists from Gartner, IDC, IBM, Dell, HP, Extreme Networks, Enterasys, and the author. The debate focused on who would lead the SDN revolution: the Enterprise, the Cloud Data Centre, or the Service Provider. The text then defines SDN, explaining that it separates the network's data plane (hardware for packet forwarding) from its control plane (logic for controlling forwarding). In SDN, control path decisions are managed by software on a centralised server, allowing for a programmable interface and delegation of modification capabilities to other IT systems.

The Future Of The Network Is Software Defined

Written by Pim Bilderbeek on 04/10/2012

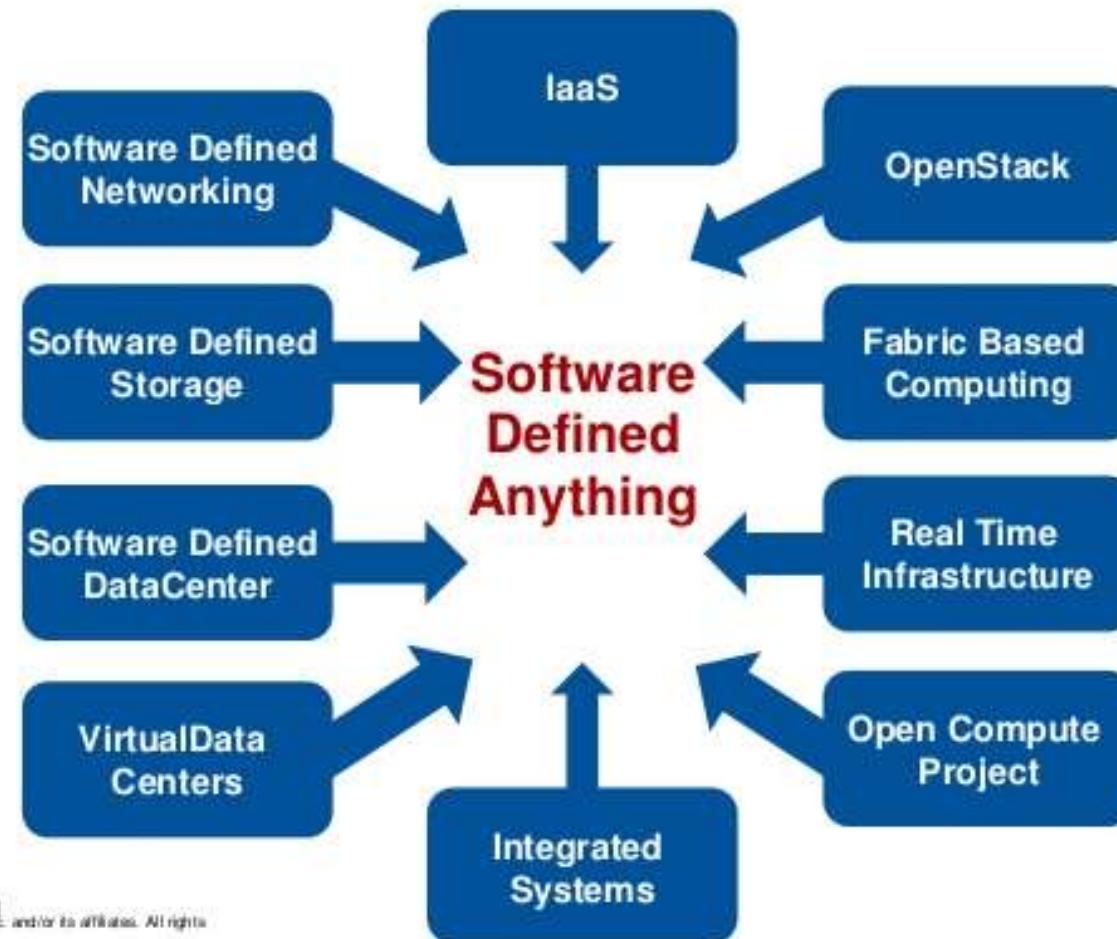
Last week we attended the **NetEvents** EMEA Press and Analyst Summit. Part of the 2-day program was a debate session on **Software Defined Networks** (SDN) with panellists from Gartner, IDC, IBM, Dell, HP, Extreme Networks, Enterasys and yours truly. The debate centred on the question who is first to ride the SDN revolution, the Enterprise, the Cloud Data Centre, or the Service Provider (and where is it taking them)?

What is SDN?

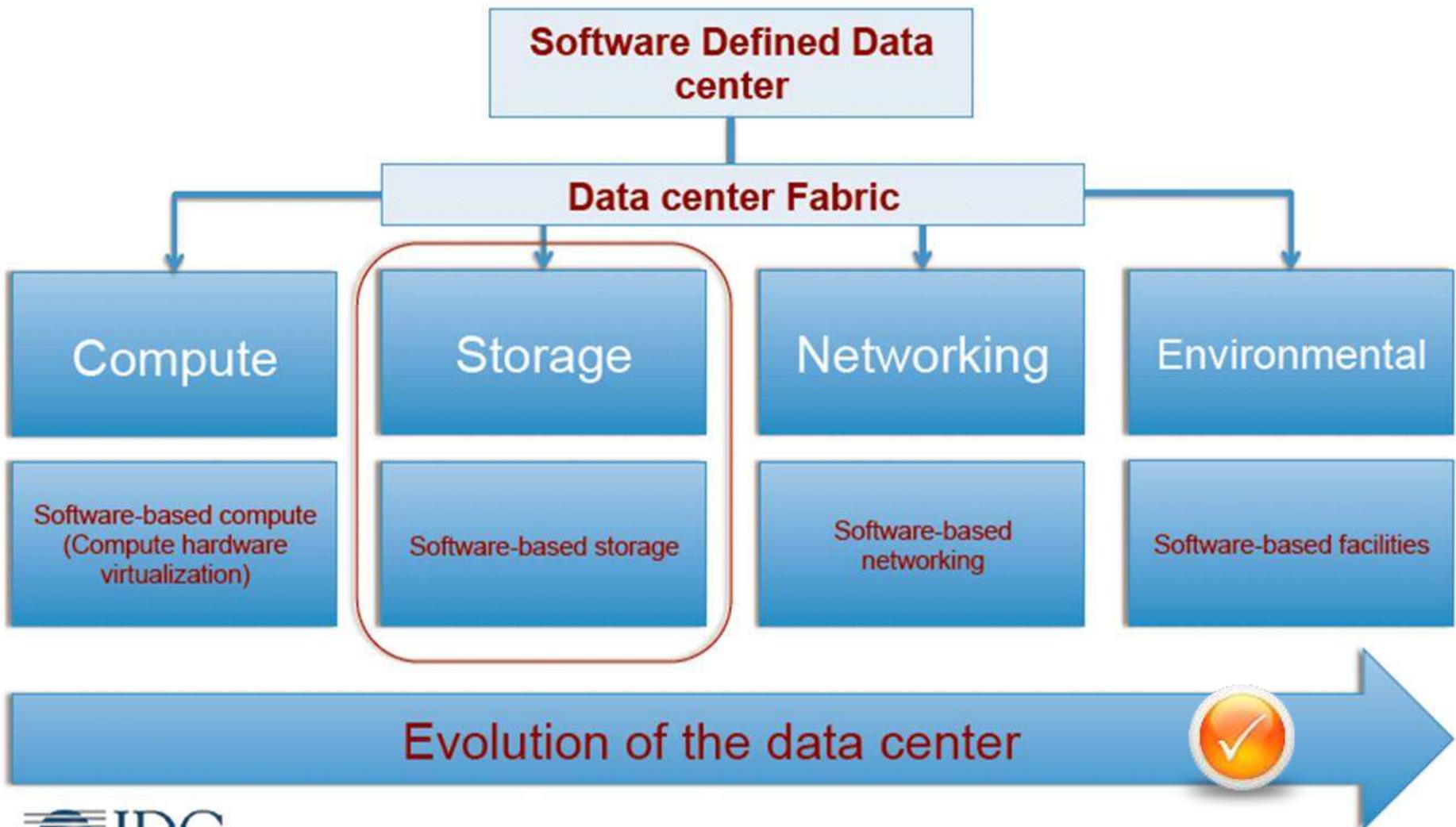
SDN is about separating the network router and switch data plane (hardware that does packet forwarding) from the control plane (logic that controls packet forwarding). In SDN the control path decisions are taken out of the switch and managed by software on a centralised server. In other words, SDN is about providing a programmable interface into the infrastructure to modify the network infrastructure behaviour and delegate the capability of modifying that to other IT systems. The

E nel 2013 ... (le priorità per il 2014 secondo Gartner)

The Journey to Programmable Everything

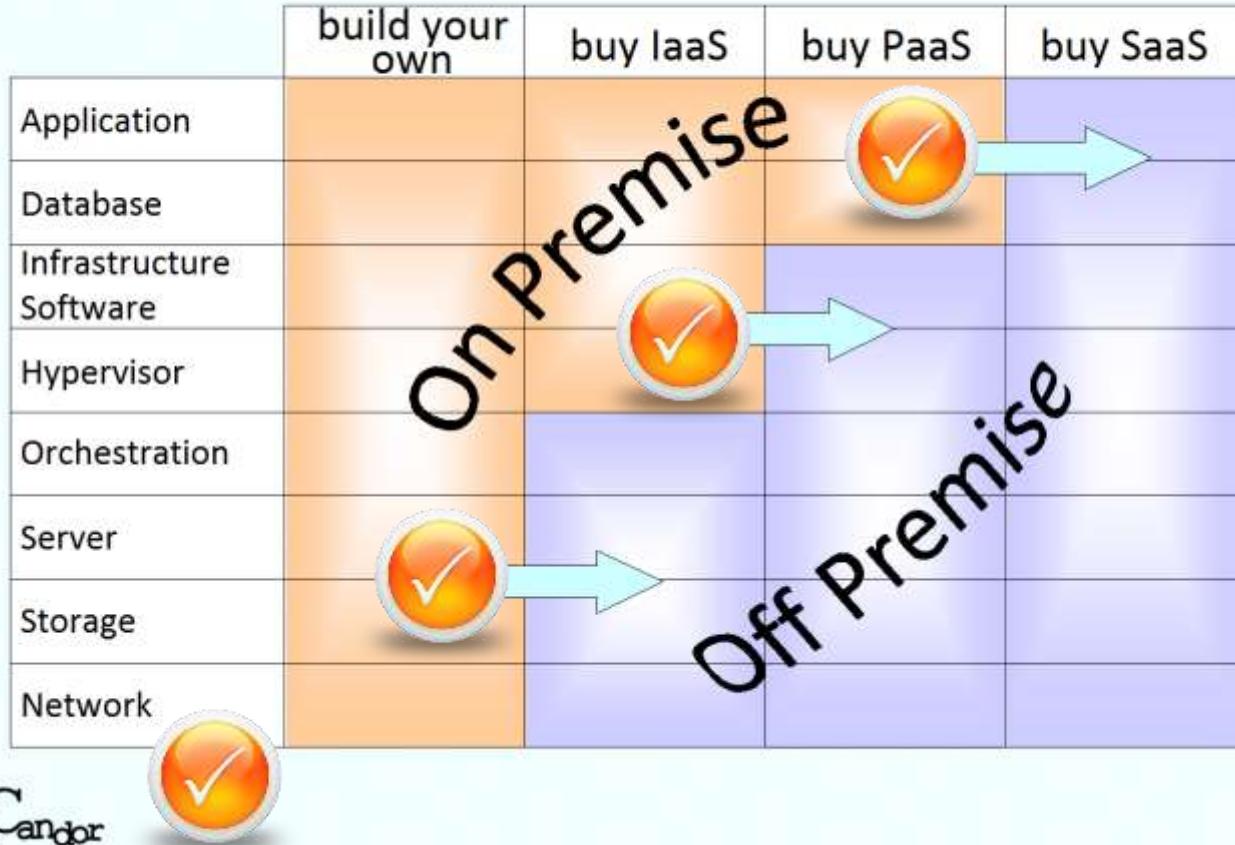


Secondo IDC (2014) questa è un'evoluzione naturale



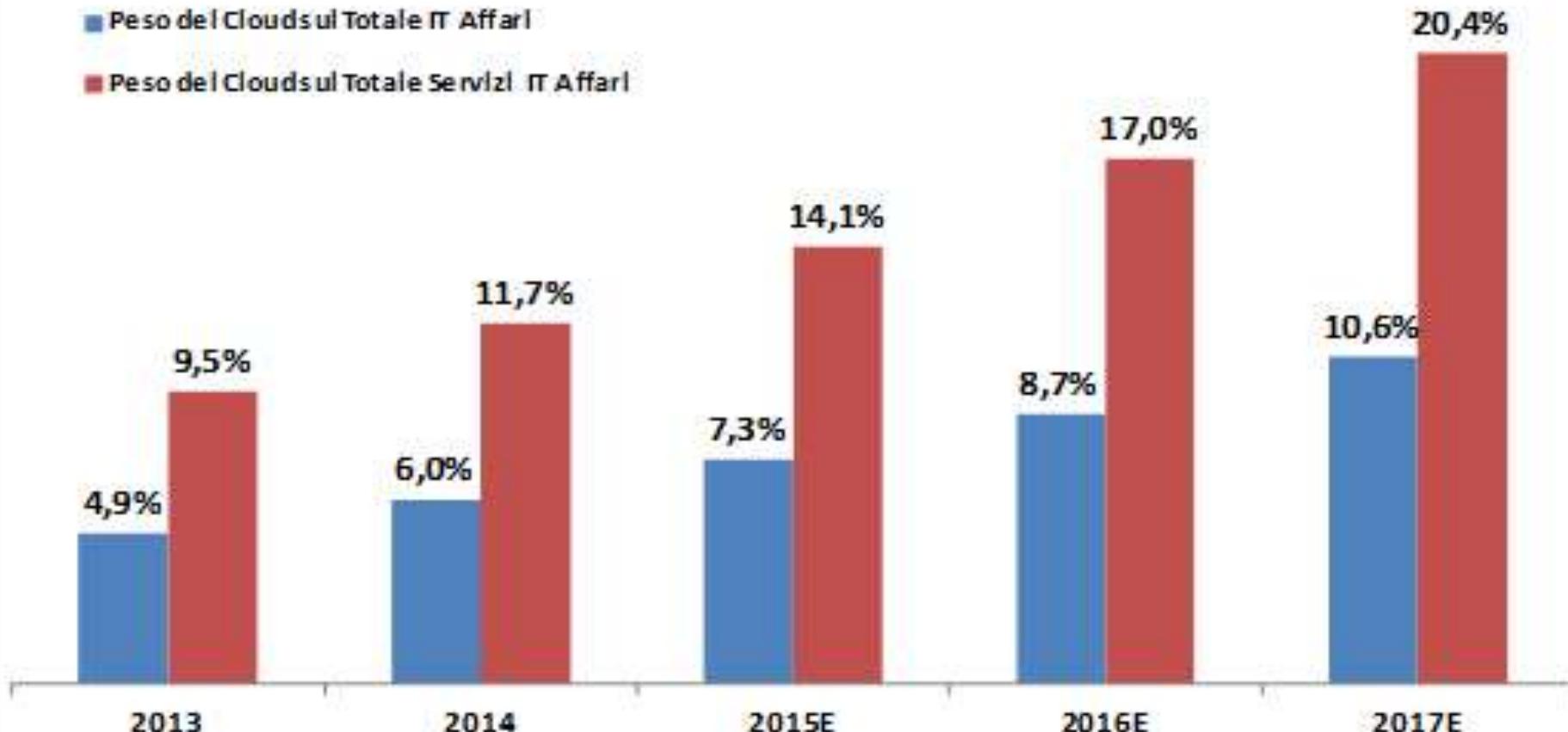
«2015, the year of the revenue cloud»: anche il cloud è una trasformazione basata sul software

Enterprise computing choices and the Cloud



Il cloud in Italia? (SIRMI, 2015)

L'incidenza del Cloud sul mercato IT Affari e sul mercato Servizi IT Affari



Il cloud in Italia? (SIRMI, 2016)

L'ANDAMENTO DEL MERCATO SERVER IN ITALIA - Risultati IVQ e intero anno 2015

	Fatturati IVQ 2015		Fatturati Anno 2015	
	Fatturato	Variazione su anno precedente	Fatturato	Variazione su anno precedente
	Milioni di euro	%	Milioni di euro	%
Server a base Intel/AMD	79,9	-8,2%	317,0	-1,2%
Server basati su altre tecnologie (*)	38,7	-14,5%	157,8	0,8%
Offerta Server	118,6	-10,3%	474,8	-0,5%

(*) Il segmento Server basati su altre tecnologie comprende Sistemi Mainframe Proprietari



Fonte: SIRMI SPA – Gennaio 2016

Il Mercato dei **Server** registra nel IVQ del 2015 un valore complessivo di fatturato di 119 milioni di euro circa e soffre un calo del -10,3%.

L'intero anno 2015 chiude con un lieve decremento del fatturato (-0,5%), con la componente dei server a base Intel/AMD in calo del -1,2%, mentre crescono dello 0,8% le altre categorie di prodotto, con il Mainframe che compensa il calo dei sistemi Unix e Proprietari.

L'andamento è in generale condizionato da vari elementi, tra i quali il progressivo ricorso a servizi di Cloud Computing e l'interesse crescente per i sistemi convergenti e le soluzioni di Software-Defined Data Center.



Parliamo di Software-Defined Networking [SDx Central]



Parliamo di Software-Defined Networking per il Data Center [SDx Central]

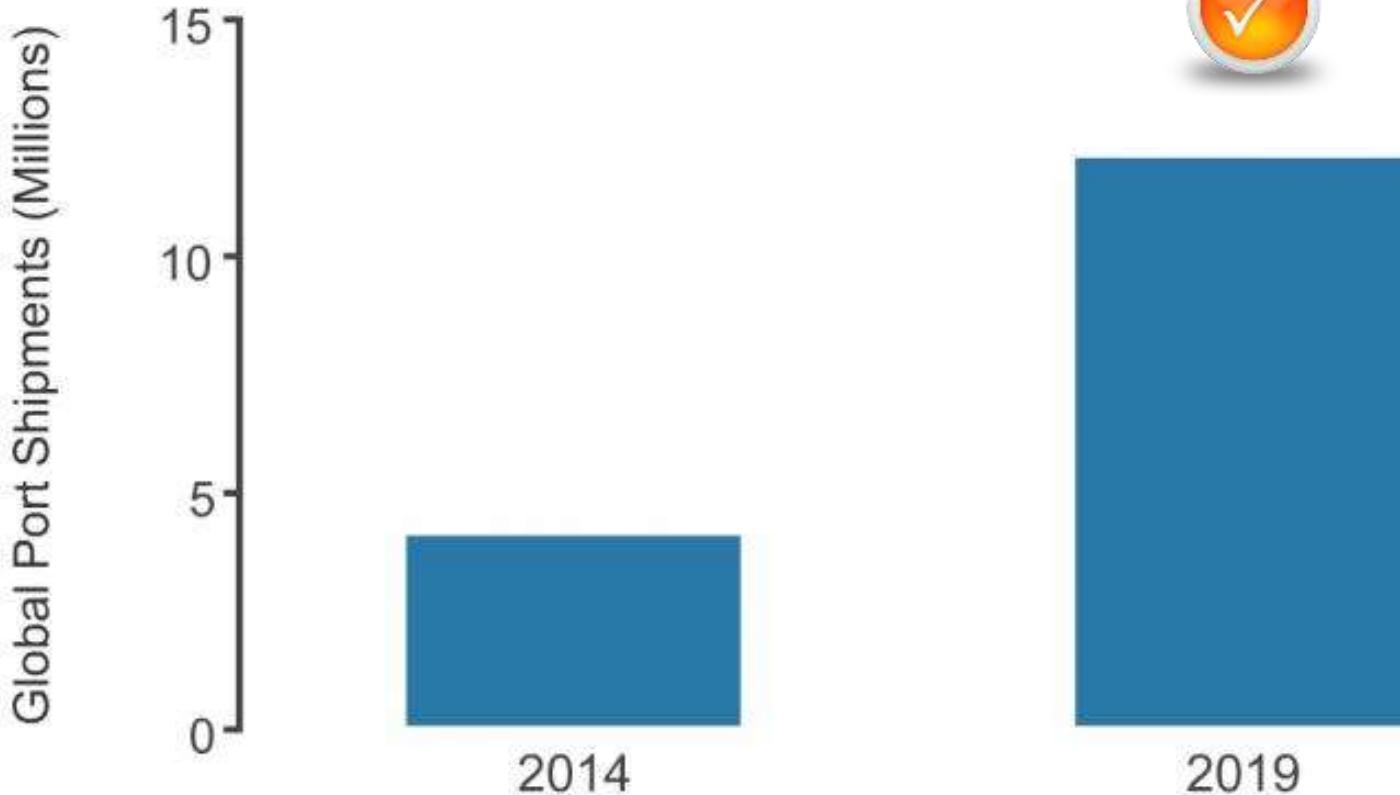
Datacenter networking software
(driven by network virtualization) will reach

\$1.2 BILLION BY 2018



E per conseguenza: Bare-metal networking

Infonetics projects that over 12 million bare metal data center Ethernet switch ports will ship in 2019, up 198% from 2014

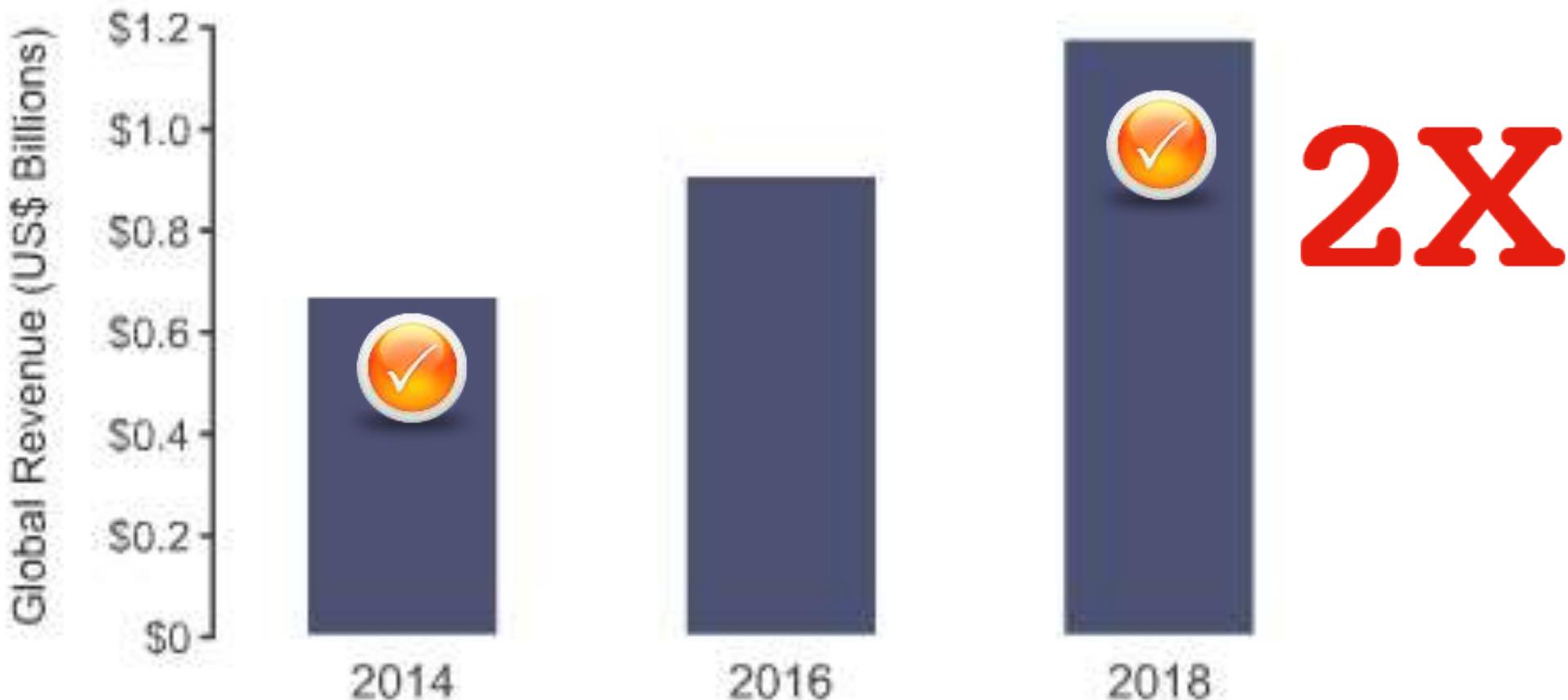


3X

© Infonetics Research, now part of IHS, *Data Center Network Equipment: Quarterly Market Share, Size and Forecasts*; March 2015

E per conseguenza: Software-Defined Security

Infonetics forecasts the ported and purpose-built virtual security appliance market to reach \$1.17B in 2018



© Infonetics Research, *Data Center Security Products: Biannual Market Share, Size, and Forecasts: November 2014*

Grazie dell'attenzione! Copia delle presentazioni su
www.primobonacina.com/19aprile2016 e tramite Aditinet



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Agenda:

- http://www.aditinet.it/wp-content/uploads/2016/02/Invito_Verona.v1.html

Presentazione Primo Bonacina, PBS – Primo Bonacina Services (PDF, 1 MB):

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Presentazione Armidoro Belisario, Aditinet (PDF, 1 MB):

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Presentazione Daniele Zecchinato, VMware (PDF, 3 MB):

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Presentazione Alessio Agnello, Palo Alto Networks (PDF, 3 MB):

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The IT-only, ready-to-run, measurable consultancy firm

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NETWORKS

■ WHY THIS BLOG

 We are the IT-only, ready-to-run, measurable consultancy company. Our purpose is to add value to IT players by providing hands-on, no-risk, affordable support to their initiatives.

This blog is here to provide fresh info on market and technology trends. And on the great time we are having with our customers too!

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