



Ciências
ULisboa



IPv6 já!

IPv6 now!

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Dia Mundial do IPv6
8 de Junho - Fundação das Comunicações, Lisboa



World IPv6 Day

Internet Society Portugal Chapter www.isoc.pt

Patrocínio Ouro: ANACOM, CISCO, HUAWEI

Patrocínio Prata: Microsoft, optimus

Dia Mundial do IPv6
8 de Junho - Fundação das Comunicações, Lisboa




World IPv6 Day

2011

JOIN THE TEST FLIGHT
JUNE 8

Internet Society | Portugal Chapter | ANACOM | CISCO | HUAWEI | Microsoft | optimus

HOME MEASUREMENTS PARTICIPANTS BLOG JOIN THE LAUNCH DOWNLOADS



THE FUTURE IS FOREVER
• WORLD IPv6 LAUNCH •

INFOGRAPHIC

To help tell the story of how the Internet has changed since the beginning of World IPv6 Launch on 6 June 2012, [we created this infographic](#) that explains through both numbers and charts how the Internet changed – and is continuing to change!

Please feel free to pass the image along or to use it in your materials – and to point people here to www.worldipv6launch.org/infographic to download a copy themselves.

For more information about the progress of IPv6 deployment, see [the World IPv6 Launch measurements page](#).



THE FUTURE IS FOREVER • WORLD IPv6 LAUNCH •

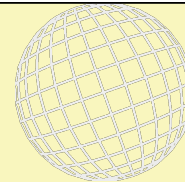
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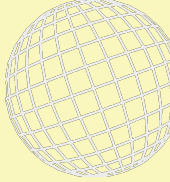
For more information about the progress of IPv6 deployment, see [the World IPv6 Launch measurements page](#).

A crueza dos números



- 3.000 milhões de utilizadores da Internet
- Mas 4.000 milhões ainda não a usam ...

IP



- **V4**
 - 32 bits
 - 4.294.967.296 endereços distintos

- **V6**
 - 128 bits
 - Muitos endereços!

HBR.ORG

Harvard Business Review

 NOVEMBER 2014
REPRINT R1411C

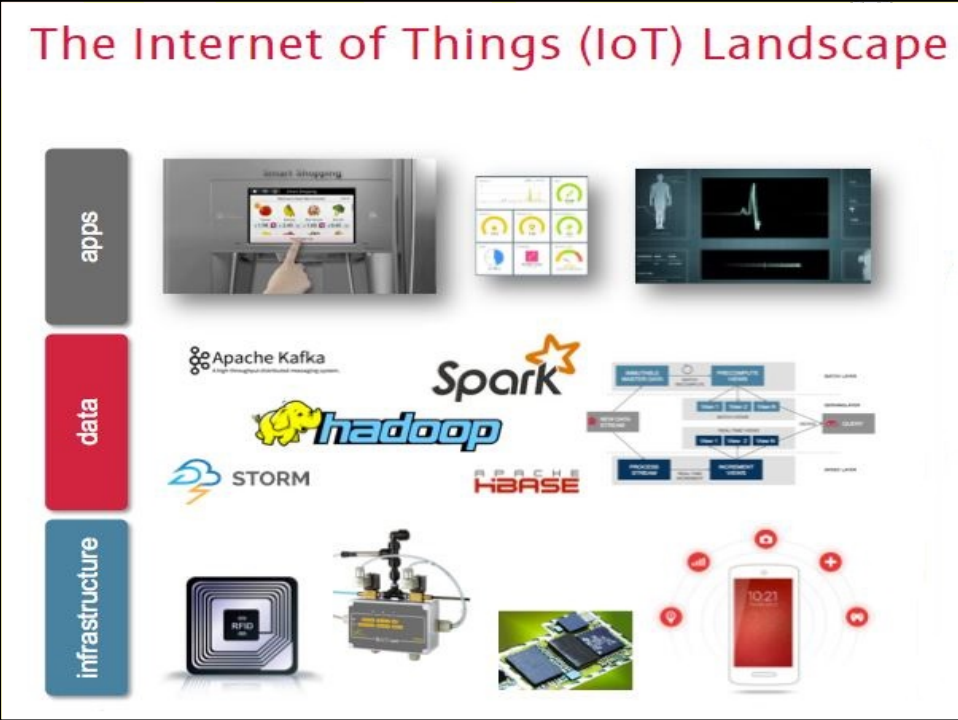
SPOTLIGHT ON MANAGING THE INTERNET OF THINGS

How Smart, Connected Products Are Transforming Competition

by Michael E. Porter and James E. Heppelmann

Information technology is revolutionizing products. Once composed solely of mechanical and electrical parts, products have become complex systems that combine hardware, sensors, data storage, microprocessors, software, and connectivity in myriad ways. These “smart, connected products”—made possible by vast improvements in processing power and device miniaturization and by the network benefits of ubiquitous wireless connectivity—have unleashed a new era of competition.

In: Harvard Business Review
 By Michael E. Porter and James E. Heppelmann





The composite image displays three screenshots from the flight radar24 mobile application. The left screenshot shows a map of the Lisbon region with several flight icons. The middle screenshot shows a detailed view of flight LH1166 from Frankfurt to Lisbon, including the aircraft type (Airbus A321-231) and registration (D-AIDQ). The right screenshot shows a detailed view of flight LH1166 from Frankfurt to Lisbon, including the aircraft type (Airbus A321-231) and registration (D-AIDQ).

Flight	Origin	Destination	STD (CET)	ATD (CET)	STA (WET)	ETA (WET)
LH1166	Frankfurt (FRA)	Lisbon (LIS)	09:20	09:53	11:25	11:29

Flight Details:
 Aircraft: Airbus A321-231
 Registration: D-AIDQ
 ModeS: 3C6491
 Altitude: 10500 ft
 Vertical speed: -896 fpm
 Speed: 366 kts
 Track: 206°

IoT



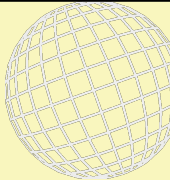
Áreas aplicacionais

- Saúde / Bem-estar
- Mobilidade
- Ambiente
- Domótica
- Indústria
- Logística
- ...

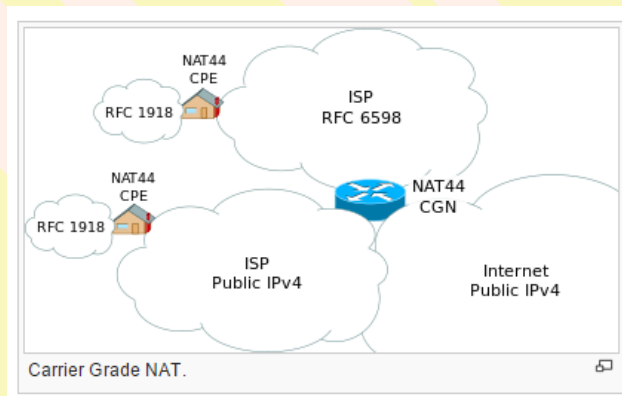
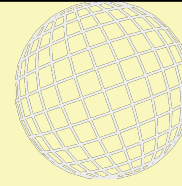
Tecnologias

- Redes sem fios
 - Gestão do espectro inovadora
 - Redes fracamente ligadas
- V2V
- Software Defined Networks
- Novas interfaces
 - Displays
 - Voz
- Apps, Apps, Apps, ...

CGN

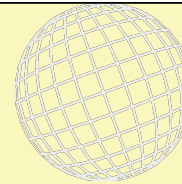


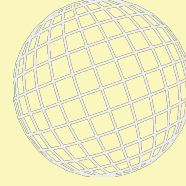
Carrier Grade Nat



Fonte: Wikipedia

Conclusão





Conclusão

IPv6 Já!