

# 最新トピックス「IPv6最新動向」 ～海外等～

T2/2011年11月29日



**MRI** 株式会社 三菱総合研究所

# 米国：政府システムの対応

http://www.cio.gov/documents\_details.cfm/uid/89E482C6-5056-9E3D-57C50337D248D0EB/structure/Enterprise%20Architecture/category/IPv6

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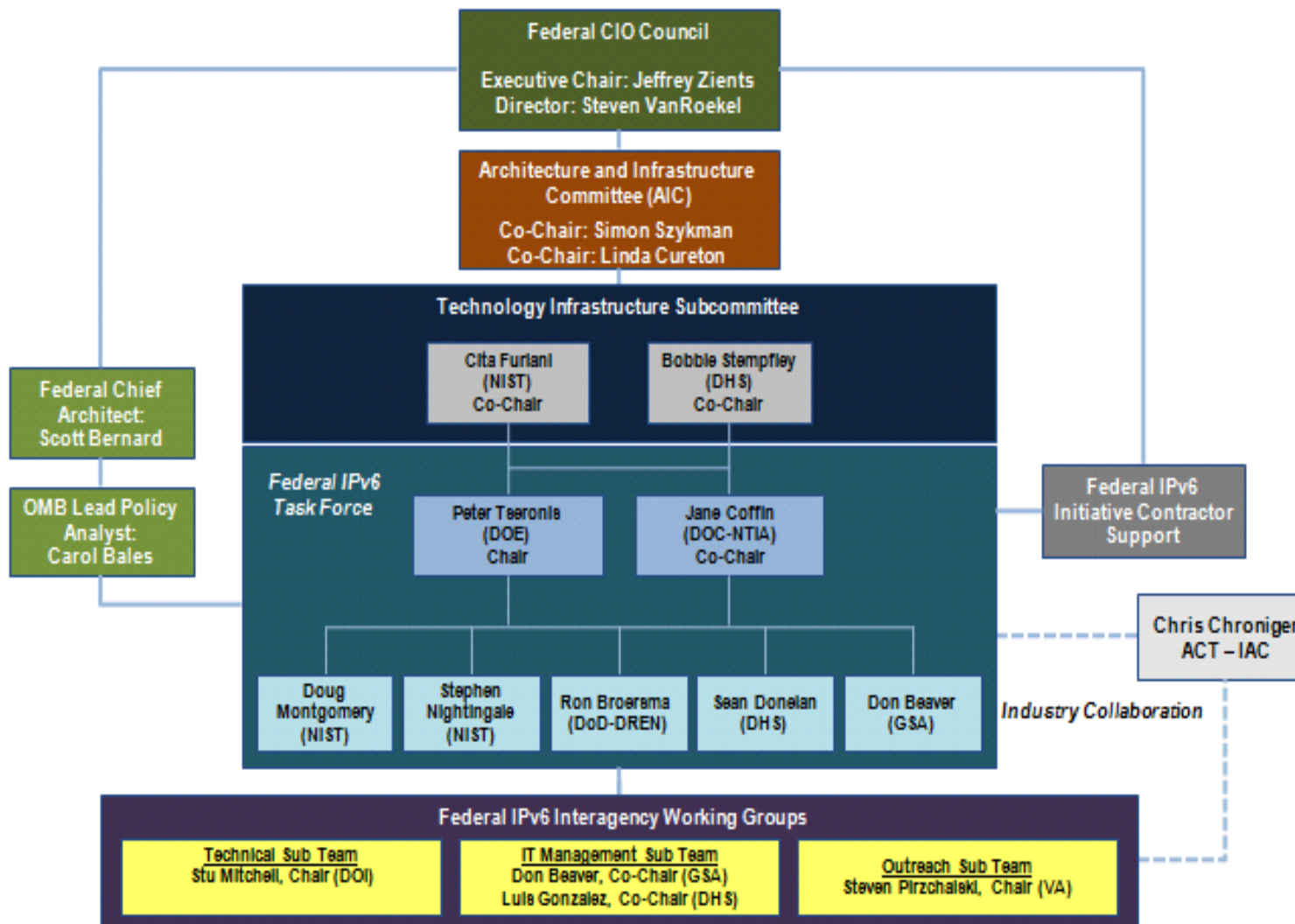
## Federal Government Adoption of Internet Protocol Version 6 (IPv6) Frequently Asked Questions Updated: November 4, 2011

Issued By: OMB - Effective Date: 11.04.2011, 291.328K, doc

[View Document](#)

**Abstract:** In September 2010, OMB issued a memorandum requiring federal agencies to operationally deploy native Internet Protocol Version 6 (IPv6) for public Internet servers and internal applications that communicate with public servers. This new directive builds upon an August 2005 memorandum, M-05-22, which established the goal of deploying IPv6 in all Federal government agency network backbones by June 30, 2008. OMB also issued an IPv6 Roadmap in May 2009 that built upon requirements set forth in the August 2005 memorandum.

# Federal CIO CouncilによるIPv6-TF



# COMCASTのIPv6対応状況について <http://www.comcast.net/>

xfinity xfinity.tv Comcast comcast.net

Email Voice TV My Account

## IPv6 Information Center

Your IP address is 118.8.109.82

### Comcast's IPv6 Deployment Has Started

This site has the latest information about Comcast's IPv6-related work, and is regularly updated as our IPv6 deployment continues.

### IPv6 Testing Tools

- [Comcast's IPv6 Readiness Test](#)
- [ICSI NetAllyr](#)
- [Test-IPv6.com](#)

### IPv6 Presentations & Articles

- [Internet On: Comcast IPv6 Presentation](#)
- [6UK: IPv6: The Business Case and Migration Planning Considerations](#)
- [IETF 79: IPv6 DNS Whitelisting Implications](#)
- [IETF 79: Technical Plenary - IPv6 Experiences](#)

### IPv6 Tutorials

- [CircleID: IP Address Exhaustion in 12 Easy Steps](#)
- [ISOC: IPv6 Educational Materials](#)
- [ARIN: IPv6 Wiki](#)
- [Wikipedia: IPv6 Wiki](#)
- [Understanding CGN/LSN/AFTR](#)
- [The Dual-Stack Dilemma](#)
- [Understanding DS-Lite](#)
- [O'Reilly: IPv6 Essentials, 2nd Edition](#)

### IPv6 Trial News and Information:

#### IPv6 Pilot Market Deployment Begins Wednesday, November 9, 2011

Comcast has started our first pilot market deployment of IPv6 a limited part of California. This first phase supports directly connected CPE, where a single computer is directly connected to a cable device. A subsequent phase will support home gateway devices. To learn more, check out [FAQs on the pilot market deployment](#) and [the announcement](#) and [technical details](#) on our blog.

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#### IPv6-Based DNS Servers Available Tuesday, August 30, 2011

We now have IPv6-based DNS servers available for customers to use as their recursive DNS servers. These are Anycast-based and so you need only use two IP addresses, no matter where in our network you are located. These are now available for use on a beta testing basis at the IP addresses 2001:558:FEED::1 and 2001:558:FEED::2.

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#### World IPv6 Day Begins This Evening Tuesday, June 7, 2011

# LACNICのIPv6ポータル

http://portalipv6.lacnic.net/en

portal **BETA** by LACNIC

IPv4: 118.8.109.82

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## Portal IPv6

- Introducción
  - Qué es IPv6?
  - Cómo es la transición?
  - Por qué es importante su implementación?
  - Preguntas Frecuentes (FAQ)
- Documentos
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    - FLIP6
    - IPv6 Tour
    - Otros Eventos
  - Aportes de la Comunidad
- Aplicaciones IPv6
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  - Sistemas Finales
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2012.02.06::12

# IPv6 week

6-12 Febrero 2012

- IPv6 Week - 6-12 de Febrero de 2012
- ¿Cómo obtener un **bloque** de direcciones IPv6?
- Suscribirse a la lista de discusión sobre IPv6
- World IPv6 Day - Conozca cómo resultó la experiencia
- Nueva era en Internet
  - \* Se terminó el stock central de direcciones IPv4
- Looking Glass y otras herramientas

« November 2011 »

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

### Upcoming events

- V6 World Congress 2012 (71 days)
- 2012 North American IPv6 Summit (133 days)
- IPv6 World Congress (197 days)

more

### The IPv6 Portal News

# ECの動向／Digital Agendaの行方

[http://ec.europa.eu/information\\_society/policy/ipv6/index\\_en.htm](http://ec.europa.eu/information_society/policy/ipv6/index_en.htm)

POLICY :: IPv6 :: Home

## IPv6: Enabling the Information Society

### Future Internet Week in Poznan - "IPv6 Deployment in European Public Authorities - Working together" Workshop - 28 October 2011



"IPv6 Deployment in European Public Authorities - Working together" is a one-day Workshop on 28 October 2011 co-organised by the European Commission and the project 6DEPLOY's IPv6 Cluster funded under the Framework Programme 7. For more information [click here](#).

### A successful IPv6 Workshop was held during the first Digital Agenda Assembly on 17 June 2011 - Report available



The European Commission organised the first Digital Agenda Assembly in Brussels on 16 and 17 June 2011. The Assembly brought together representatives from EU institutions, Member States, Industries and other relevant stakeholders. The event consisted of a number of workshops and plenary sessions assessing the progress made so far regarding the implementation of the Digital Agenda

for Europe and working towards contributing to the future actions. One of the workshops focused on IPv6. For more information about the workshop and its outcomes [click here](#).

### Digital Agenda: The European Commission makes its own website accessible for Internet Protocol version 6 users



Since the World IPv6 Day, which took place on 8 June 2011, [the European Commission's Europa website](#) is accessible by Internet Protocol version 6 (IPv6) users.

#### News

- **Commission welcomes improvements in new IANA contract** (14/11/11)
- Neelie Kroes, Vice-President of the European Commission responsible for the Digital Agenda "**Connecting Europe Facility - broadband and digital infrastructure services**" (19/10/11)
- **Future Internet Conference & Future Internet Assembly, Budapest May 2011**, European Service Network (15/07/11)

[All news...](#)

#### Funding

- No funding opportunities available for the moment.

#### In the Library

- Speech: "**Moving from reflection to action on internet governance**", Neelie Kroes, Vice-President of the European Commission responsible for the Digital Agenda, 14 September 2010
- Speech: "**The need for accountability in Internet governance**", Neelie Kroes, Vice-President of the European Commission responsible for the Digital Agenda, 21 June 2010
- Speech: "**\".eu\" : securing Europe's identity on the Internet**", Neelie Kroes, Vice-President of the European Commission responsible for the Digital Agenda, 2 June 2010

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# 独では3回目のアプリコンテスト

[http://www.ipv6council.de/contest2011/vertikal\\_menu/whats\\_new.html](http://www.ipv6council.de/contest2011/vertikal_menu/whats_new.html)



## Contest 2011



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### What's new

### Contest at a Glance

### Call for Application

### Appl. & Implementation

### Student & Ideas

### Best Practice

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### Evaluation Committee

### Links

- > [Hasso Plattner Institute](#)
- > [German IPv6 Council](#)
- > [IPv6 Appli-Contest 2010](#)
- > [IPv6 Appli-Contest 2009](#)

## What's new

### November 1th 2011

Submission deadline extended to: Wednesday, the 2nd November 2011 at 4:00 PM CET.

Participants should ensure, that all required data is submitted until then.

### October 31th 2011

The submission deadline ends today, all participant are asked to ensure that they submitted all required data.

If problems occur during the upload, it is possible to submit bigger files via e-mail, too.

### July 14th 2011

The German IPv6 Council invites applications for the International IPv6 Application Contest 2011. The objectives of this contest are the generation of ideas and applications, which help determine how to introduce IPv6, the internet of the next generation [[read more](#)]

### Sponsors



# 中国でのIPv6関連記事の例

- アジアで最初のセットの帆を実行するために2012年にIPv6の商用サービス 11-11-17  
IPv6の展開は、天はしないだろうか？ 11-11-01  
最初の実用的な検証を通して華IPv6のIPTVソリューション 11-10-20  
ネットワークビデオのための巨大な需要に合わせてブルーコートの新しい機器 11-09-28  
プロチャレンジのドライバーの大規模商業開発のために中国でのIPv6 11-09-13  
Huawei社は助け中国電信シンセンユニバーシールドIPv6ネットワークの保護 11-08-30  
速度の四大利点促進するために大運河58商業開催地に駐屯してIPv6の 11-08-19  
IPv6を採用する理由："オープン"慎重にする必要が 11-08-18  
IPV6のための技術サポートを提供するイクシアのWi-Fiベースの認証 11-08-16  
アップグレードの明示的強制IPv6の規模の商業点 11-08-12  
IPv6は、深圳ユニバーシールドの使用で大規模な投資を再生します 11-08-05  
中国のIPv6グローバルアドレス一覧の番号第十五 11-07-19  
三つの方向China Unicom社のブロードバンドネットワークのIPv6移行、助け 11-06-23  
真央魏：産業投資高めるために、国家レベルからIPv6の必要性 11-06-20

[http://www.enet.com.cn/networks/atlist100\\_ipv6.html](http://www.enet.com.cn/networks/atlist100_ipv6.html)



# 中国工信部の動向／副大臣の積極発言も

News from ECS-Electronics and Computer Science at the University of Southampton

## Chinese government IT delegation hears about IPv6 progress

Twenty-four senior directors from the Chinese Ministry of Industry and Information Technology visited ECS-Electronics and Computer Science last week to hear about the UK's deployment of IPv6 from Dr Tim Chown, a leading expert in IPv6, the next generation of Internet address protocols.

Dr Chown has been an active member of the Internet Engineering Task Force (IETF), which has been working on IPv6 since the mid-1990s. In preparation for the advent of IPv6, the work carried out by Dr Chown and his colleagues in ECS has ensured that IPv6 has been standardized and that operational experience has been fed into the development process. Today IPv6 support is available in almost all modern router and operating system platforms, including Windows 7, MacOS X and Linux.

The data network in ECS runs both IPv4 and IPv6 alongside each other, a method known as dual-stack, and many of the ECS public-facing services including web, mail and DNS are available via IPv6 as well as IPv4. The deployment in ECS has helped validate the IETF protocols and their implementations by showing that IPv6 can be run successfully alongside IPv4 in production networks.

In addition to hearing about this progress from Dr Chown, the Chinese delegation were also able to hear about advances in new technology for wireless communications from Professor Lie-Liang and Professor Lajos Hanzo of ECS. Professor Hanzo is involved in the UK-China Science Bridges R&D on Wireless Mobile Communications which has the ultimate goal of creating a UK-China Joint R&D Centre for Future Wireless Communication Networks, and is funded by the UK Research Councils to facilitate the collaboration of British and Chinese academic institutions. Professor Nigel Shadbolt of ECS, UK Open Government Data Adviser, also spoke on the advances made in the provision of public data in the UK and throughout the world, enabling citizens to benefit from access to government and business data.



The delegation with Dr Tim Chown, Professors Lie-Liang, Lajos Hanzo and Nigel Shadbolt

### Related Links:

- [IPv6](#)

For further information about this story contact [Joyce Lewis](#); tel.+44(0)23 8059 3212.

<http://www.ecs.soton.ac.uk/about/news/3869>