

‘Understanding the commercial and economic incentives behind a successful IPv6 deployment’

**IGF 2016 – BPF IPv6
5th Virtual Meeting**
7 September – 2pm UTC

Summary

1. The 2016 Best Practice Forum on IPv6 held its fifth open virtual (webex) meeting on 7 September 2016 at 2pm UTC. The call was lead by the BPF IPv6 Coordinators Izumi Okutani and Sumon A. Sabir. The participants organized further outreach to collect additional case studies, exchanged views on the information received so far, and discussed what input was needed for the draft outcome document.
2. The meeting was recorded, the recording will be available on the IGF website.
Temporary link:
<https://www.dropbox.com/s/rq6oky0t052enrd/BPF%20IPv6%20-%205th%20Virtual%20meeting.wmv?dl=0>
3. The BPF received an overview of collected case studies categorized by type of business and region (see annex).
4. It was felt that the BPF needed more case studies from different regions and from different types of businesses. It was noted that there was only one example from North America, while different companies had deployed or were deploying IPv6 on a massive scale in this region.
5. Susan Chalmers (NTIA) informed that outreach was being conducted on the [NTIA RFC on IPv6 adoption](#) and that a number of responses was anticipated. Others also committed to conduct further outreach in North America and other regions. (See ‘[case study status table](#)’ on the brainstorming document.)
6. It was noted that additional background information and general information on IPv6 deployment in the country would be helpful to better understand and reflect the story behind the case studies. The BPF needs to further reflect on how to collect this background information.
7. The BPF discussed the content of the [zero draft document](#). Participants were encouraged to make edits/add contributions directly on the google document.

Section 1, Introduction and background:

- Text had been, extracted from 2015 BPF document;

Section 2, Scope and Goals:

- Text had been added in line with the agreed scope and goals;

Section 3, Facts and figures:

- Additional input requested on global trends and measurements.

Section 4, Understanding incentives:

- The BPF exchanged views on the motivational factors behind IPv6 deployment listed in the case studies;

8. To give the participants a rough idea on the information received so far via the case studies, Izumi Okutani had added some preliminary content in section 4.2. for “Motivation” and “Economic/Business Factors” as well as general observations per services (ISPs, data centers/hosting providers, content providers, mobile). They were discussed on the call and all were invited to make comment and edits.

9. The BPF acknowledged requests posted on the mailing list to amend the schedule for future meetings. It was agreed to stick to the planned dates but use a doodle poll to select the best meeting time.

A doodle poll will be launched for the 28 September meeting. The procedure will be evaluated at the next virtual meeting.

10. Actions and Next steps:

- Continue outreach and collection of case studies. (the BPF is particularly interested to hear from Comcast, Telefonica, Google, Youtube, Facebook, Yahoo, LinkedIn, Verizon Wireless)
- Feedback requested on the zero draft; input needed on sections 3 and 4, and from countries with low IPv6 deployment (for section 5.1).
- Collect additional background information for the case studies.
- Organizational: set up a doodle poll for the 28 Sept meeting.

11. Practical information

- BPF IPv6 webpage: <http://www.intgovforum.org/cms/best-practice-forums/bpf-ipv6>
- BPF IPv6 brainstorming doc: https://docs.google.com/document/d/1C7z8MRVBOmBsuWxpl8YivXZWFvksKCq0_ul7TIFJzIU/edit?usp=sharing
- BPF IPv6 zero draft output document: https://docs.google.com/document/d/1GTH8A5veAMMNjmxvRmV3ruV31UCHk9a1NhW_glJV9I/edit?usp=sharing
- BPF IPv6 mailing list: bp_ipv6@intgovforum.org
(Subscribe at http://mail.intgovforum.org/mailman/listinfo/bp_ipv6_intgovforum.org)
- The next call is scheduled for Wed 28 September at 2 pm UTC, meeting time to be announced.

- summary by Wim Degezelle

List of Participants

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|------------------------|--------------------------------------|
| 1. Youssouf Abdelrahim | 7. Marco Hogewoning |
| 2. Wanawit Ahkuputura | 8. Kiaticchai Treerattanapitak |
| 3. Einar Bohlin | 9. Izumi Okutani (BPF coordinator) |
| 4. Zeina Bou Harb | 10. Sumon A. Sabir (BPF coordinator) |
| 5. Susan Chalmers | 11. Wim Degezelle (BPF consultant) |
| 6. Guillermo Cicileo | |

Status of Case Studies (2016/09/07)

Region	No. of Cases	Specific Case(s) Needed
Europe	1 (Switzerland)	
APAC	2 (Vietnam, Malaysia)	
North America	0	Comcast
Latin America	0	Telefonica

Data Centers/Hosting

Region	No. of Cases	Specific Case(s) Needed
Europe	2(?) (Netherlands, Greece)	
APAC	0	
North America	0	
Latin America	0	

Cloud

Region	No. of Cases	Specific Case(s) Needed
Europe	?	
APAC	0	
North America	0	
Latin America	1 (Brazil)	

Contents

Region	No. of Cases	Specific Case(s) Needed
Europe	0	
APAC	0	
North America	0	Google, Youtube, Facebook, Yahoo, LinkedIn
Latin America	1 (Brazil)	

Mobile

Region	No. of Cases	Specific Case(s) Needed
Europe	1	
APAC	0 (General situation on mobile shared: JP)	SKTelecom
North America	1	Verizon Wireless
Latin America	0	

Vendors

Service infrastructure	0	
Corporate networks	0	
Home users	0	
Mobile	0	Apple

Other cases: - Automobile (BMW?) - IPv6 Multicast for image streaming - Smart Meter (Electricity)

More cases on challenges observed: -?