財團法人台灣網路資訊中心因公出國人員報告 2010 年 6 月 10 日

報告人姓名	葉耀明	服務單位及職稱	國立台灣師範大學資訊工程系教授
出國期間	99/6/7~99/6/10	出國地點	印尼-巴里島
出國事由	參加 Indonesia IPv6 Summit 會議		

報告書內容應包含：
1、出國目的
2、考察、訪問過程
3、考察、訪問心得
4、建議意見
5、其他相關事項或資料

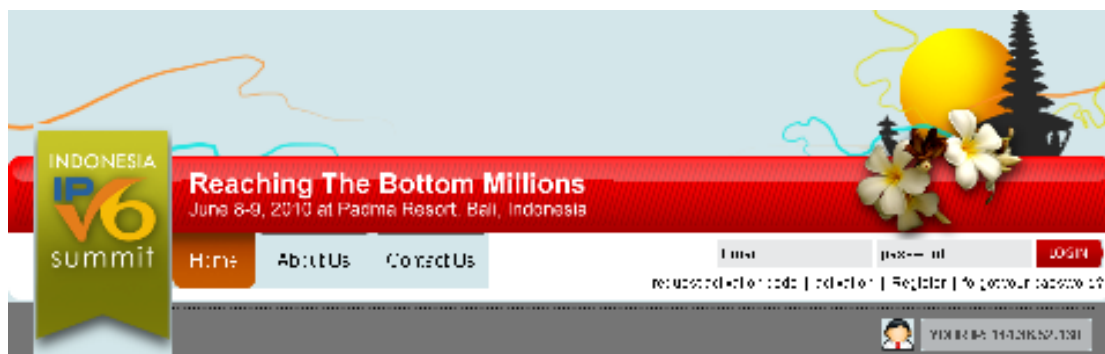| 授　權聲 明 欄	本出國報告書同意貴中心有權重製發行供相關研發目的之公開利用。 授權人：　葉 耀 明　　　　　　　（簽章）

一 出國目的

印尼近年來相當重視 IPv6 的發展，今年度擴大舉行 Indonesia IPv6 Summit 會議，並和亞太地區的 IPv6 工作小組(Asia Pacific IPv6 Task Force；AP-IPv6-TF)合辦會議，商討亞太地區各國合作 IPv6 的相關事宜。印尼主辦單位 Indonesia IPv6 Task Force 特別邀請我國代表分享台灣在 IPv6 建置和發展情形。因此本次與會在 6 月 8 日於亞太地區的 IPv6 工作小組會議中做 IPv6 Country Report，並在 6 月 9 日於 Indonesia IPv6 Summit 會議中做 Taiwan IPv6 Applications and Services 的報告。

二 考察、訪問過程

2.1. 會議行程

本次會議在印尼-巴里島舉行，會議議程共二天(6/8-6/9)。本次會議由於航班的安排，故我提前在會期開始前一日下午抵達，除了先瞭解週遭相關生活機能外，因為所住飯店與會議中心有段距離，故也同時了解會場位置及路線。

整個大會行程如后所示，在第一天 6/8 先舉行以英語報告的 IPv6 教育訓練，下午時段為亞太地區 IPv6 工作組(AP-IPv6-TF)會議。同時間有平行的議程為以印尼語報告的 APJII 研討會。我在亞太地區 IPv6 工作組會議受邀做 Country Report。接著大會在 6/8 晚上安排大會晚宴，有印尼傳統舞蹈的表演。第二天 6/9 為以英語報告為主的印尼 IPv6 高峰會。上午時段由印尼資訊部長(Minister of Communication and Information Technology) Tifatul Sembiring 主持開幕，接著並由印尼所有主要網路通訊業者(註：三十多個組織)做共同宣誓導入 IPv6。除此之外，負責印尼 IPv6 政策方向的 ID-IPv6-TF 開始正式運作。下午時段邀請各國代表報告，我也受邀在下午時段報告台灣在 IPv6 的應用服務。

Schedule

Indonesia IPv6 Summit 2010 is a two-day event. APJII is hosting Workshops and National Work Meeting in the first day. The main agenda of the Summit, Conference on the second day, is hosted by Ministry of Communication and Information Technology.

Exhibitions and product showcases will be held at the foyer of Wantilan Ballroom for the duration of the Summit.

Tuesday, 8th of June 2010

The first day activities are scheduled to take place at two locations in parallel. At Ballroom, APJII will be moderating a workshop titled IPv6 Deployment Status in the morning, followed by the National Work Meeting of APJII in the late afternoon. Elsewhere in Legian Kaja Room, located in the second floor of Ballroom, experts from APNIC and 6deplot will deliver training on IPv6 Management in the morning. Afterwards, there will be Asia Pacific IPv6 Task Force meeting.

In the evening, participants are encouraged to attend the Cultural Dinner for social and networking.

Rakernas APJII and IPv6 Deployment Status

Venue : Wantilan Ballroom, Padma Resort

Registration	08.30-09.00	Registration and refreshment
Opening Session	09.00-09.10	Remark by Roy Rahajasa Yamin *Chairperson of APJII*
	09.10-09.20	Opening Remark by M. Budi Setiawan *Acting Director General of Post and Telecommunication*
Session I : Deployment Status	09.30-10.30	Guidelines of Rakernas A presentation by Edwin Purwandesi *ID-IPv6TF* Indar Atmanto *APJII* Affan Basalamah *Bandung Institute of Technology* Chaired by John Sihar *APJII*
Session II : Product update and showcase	10.30-12.00	A presentation by *Huawei* Prastawo Wibowo

		Indosat
		Chaired by Sammy Pangerapan *APJII*
	12.00-13.00	Lunch and networking
Session III : Cloud Computing	13.00-13.40	A panel presentation by Adi Kusma Biznet Ferry Haryanto Indosat Chaired by Sapto Anggoro *Detik.com*
	13.40-14.30	APJII Working Group for Draft Recommendation Letter John Sihar - ID-IPv6TF Valens Riyadi - NIR Isnawan - IIX Freddy Pinontoan - Membership
Rakernas APJII	15.00-17.30	General Meeting Decision Declaration of IPv6 Chapter APJII Policies
Social event	18.30 - end	Cultural Dinner (venue tbc)

Training and Asia Pacific IPv6 Task Force meeting

Venue: Legian Kaja Room, Padma Resort

IPv6 Management Training	09.00-15.00	IPv6 Management Training by Miwa Fujii *APNIC's Senior Analyst* Jordi Palet *6deploy*
Asia Pacific IPv6 Task Force Meeting	15.00-18.00	Asia Pacific Task Force Meeting

Wednesday, 9th of June 2010

The main agenda of the second day focuses on the IPv6 Conference which will take place at Wantilan Ballroom.

IPv6 Summit Conference

Venue: Wantilan Ballroom, Padma Resort

Registration	07.30-08.30	Registration
Opening Session	08.30-08.45	Remark by Tony Hill *Chairperson of Asia Pacific IPv6 Task Force*
	08.45-09.00	Remark by Latif Ladid *Chairperson of IPv6 Forum*
	09.00-09.15	Opening and Keynote speech by Tifatul Sembiring *Minister of Communication and Information Technology*
	09.15-09.30	Indonesia ICT Operator Joint Declaration
	09.30-10.00	Press Conference Refreshment and networking
Session I: IPv6 Deployment and Policy	10.00-11.00	A presentation by M. Budi Setiawan *Acting Director General of Post and Telecommunication* Latif Ladid

		President of IPv6 Forum Sanjaya *APNIC* Chaired by Titon Dutono *Deputy Director General for Telecommunication*
Session II: Infrastructure readiness	11.00-12.30	A discussion panel by Rudi Lumanto *Detiknas* Ermady Dahlan *Telkom - Incumbent operator* Prof. Rahmat Budiarto *ID-IPv6TF* Dian Siswarini *XL Axiata - Services pioneer* Chaired by Indra Utoyo *Telkom*
	12.30-13.30	Lunch and networking
Session III: IPv6 Services and Applications	13.30-15.30	A presentation by *Huawei* Prof. Yao Ming Yeh *National Taiwan Normal University* Jordi Pallet *6deploy* Prof. Sureswaran Ramadass *National Advance IPv6 Centre*
	15.30-15.45	Refreshment and networking
Session IV: Global Learnings	15.45 -17.30	A presentation by Prof. Ma Yan *Beijing University of Posts and Telecommunication* Hiroshi Esaki *Japan IPv6 Promotion Council*

| | Simon Rho |
| | *Juniper* |

三 考察、訪問心得

本次印尼 IPv6 高峰會議由印尼資訊部長(Minister of Communication and Information Technology) Tifatul Sembiring 親自主持開幕和全國通訊業者宣誓導入 IPv6。可見由於 IPv4 位址枯竭的時間逐漸逼近，原本資訊建設相對落後的印尼在這次會議的宣誓活動相當盛大且慎重，大會開幕和宣誓場面有滿滿的記者和參與來賓。這次大會的主軸為〝Reaching the bottom millions〞，意思就是要縮短數位落差，這相當符合印尼現況，他們有太多小島，資訊建設普及不易。我參與活動現場感受到印尼政府已經下極大決心全面導入 IPv6。

印尼資訊部長 Tifatul Sembiring 親自主持開幕和全國通訊業者宣誓導入 IPv6

本人於 6/9 在大會演講 "IPv6 Services and Applications in Taiwan"