

# 台灣IPv6測試服務介紹

CHT-TL IPv6測試實驗室



1



for Phase I



for Phase II

IPv6 Ready Logo Committee  
台灣區委員暨檢測技術代表

CHT-TL IPv6 Testing Lab



# 目錄

- 新一代網際網路互通認證計畫
- IPv6 Ready Logo簡介
- IPv6 Enabled Program說明



# 新一代網際網路互通認證計畫

交通部

IPv6 Forum Taiwan

新一代網際網路  
互通認證計畫  
總計畫  
(TWNIC 曾憲雄董事長)

應用服務子計畫:

- IPv6 數位影音頻道之建置
- IPv6 分散式洪水預報系統
- IPv6 感測導覽平台之建置
- IPv6 生理訊號監測與緊急事故通報系統之建置
- IPv6 節能減碳應用服務建置
- LiveE! IPv6 數位氣象感測資訊運用

法規政策分項  
(召集人:黃勝雄董事)

移轉技術分項  
(召集人: 宜蘭大學趙涵捷教授)

產業發展分項計畫  
(召集人: 中華電信研究所所長 涂元光)

應用服務分項  
(召集人:清華大學黃能富教授)

移轉技術子計畫:

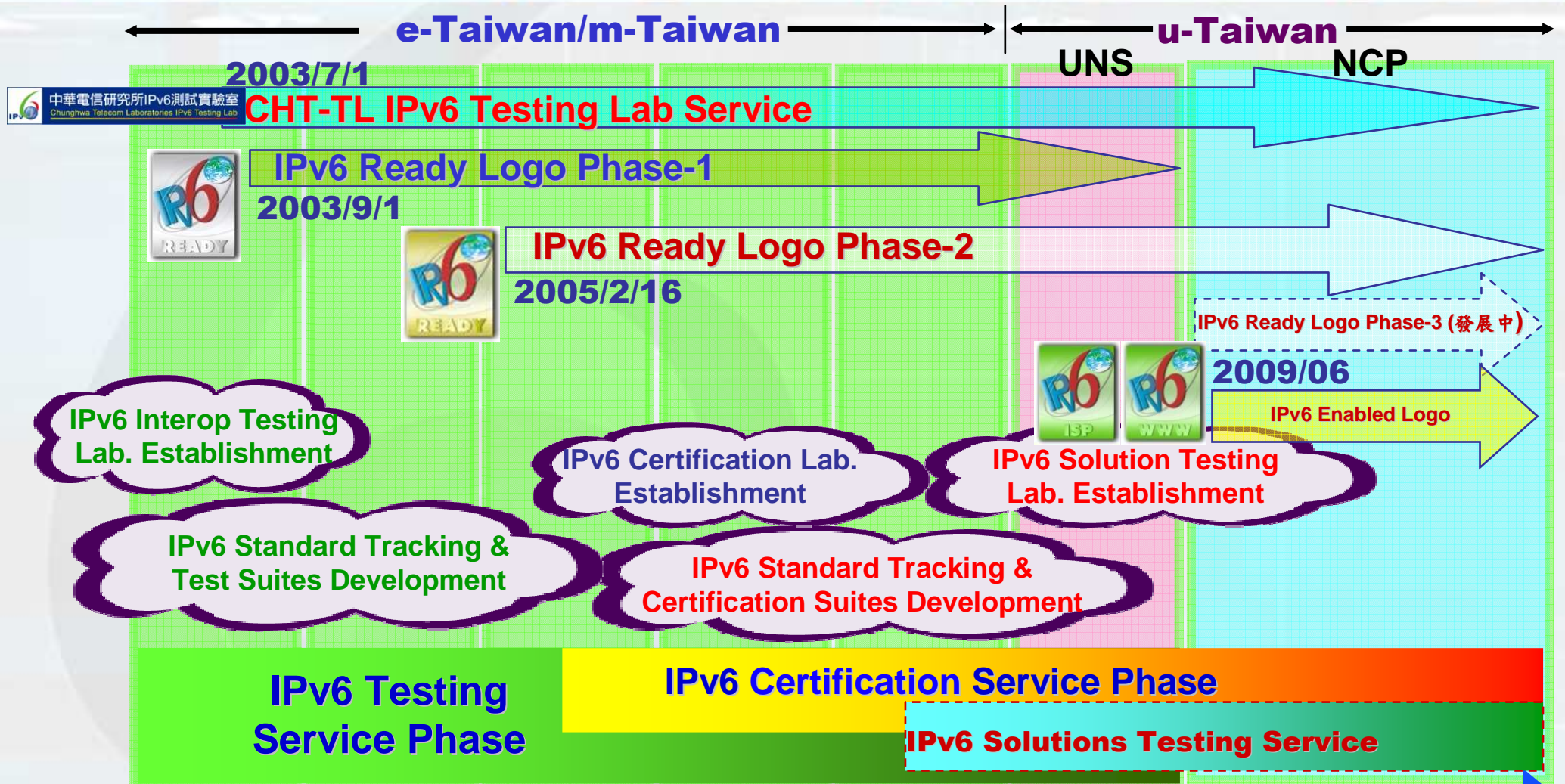
1. IPv4/IPv6 網路與服務互通移轉技術
2. WiMAX 等新興網路之 IPv6 接取服務試驗
3. 雙協定網路之運用服務移轉規劃與輔導
4. 政府網站(GSN) IPv6 化

子計畫一  
IPv4/IPv6 互運測試與設備驗證  
(執行單位: 中華電信研究所)  
主持人: 鄭石源 主任

子計畫二  
IPv6 產業人才培育  
(執行單位: 亞洲大學 資訊多媒體應用學系)  
主持人: 廖岳祥 主任



# 我國IPv6標準與應用測試發展Roadmap





# IPv6 Ready Logo 委員會

- 成立時間: Apr. 28, 2003
- 主席: Prof. Hiroshi Esaki (WIDE/IPv6 PC, Japan)
- 目標:
  - Phase-1 : 基本功能測試 (2003/9/1 開始)
    - 鼓勵IPv6基礎建設及服務
    - 增加大眾對IPv6設備及服務互連之信心
    - 強烈鼓勵申請P2 Core金質標章
  - Phase-2 : 完整功能測試 (2005/02/16 開始, Phase-1 和 Phase-2 並行)
- 創始會員: ETSI, JP TAHI, UNH, TW CHT-TL, KR TTA, CN BII, etc.





# 國際IPv6 Enabled Program計畫

- IPv6 Ready Logo幫助廠商研發IPv6產品
- IPv6 Enabled Logo幫助廠商創造需求
  - 2009/6/8開始實施，目的在鼓勵提供IPv6網路服務。
  - 本計畫直接隸屬IPv6 Forum和IPv6 Ready Logo計畫平行。
  - 分為WWW和ISP兩類標章，即驗證網頁是否提供IPv6連線功能及ISP是否提供IPv6連線功能。
  - 分階段實施，初期採取鼓勵及信任模式，由申請單位上網填寫申請表格，IPv6 Forum負責審核。目前提供WWW與ISP標章申請。
  - 具備IPv6能力網站及註冊IPv6網域名稱都可申請此標章。
  - 計畫會每日定期檢查網頁IPv6連線狀態。





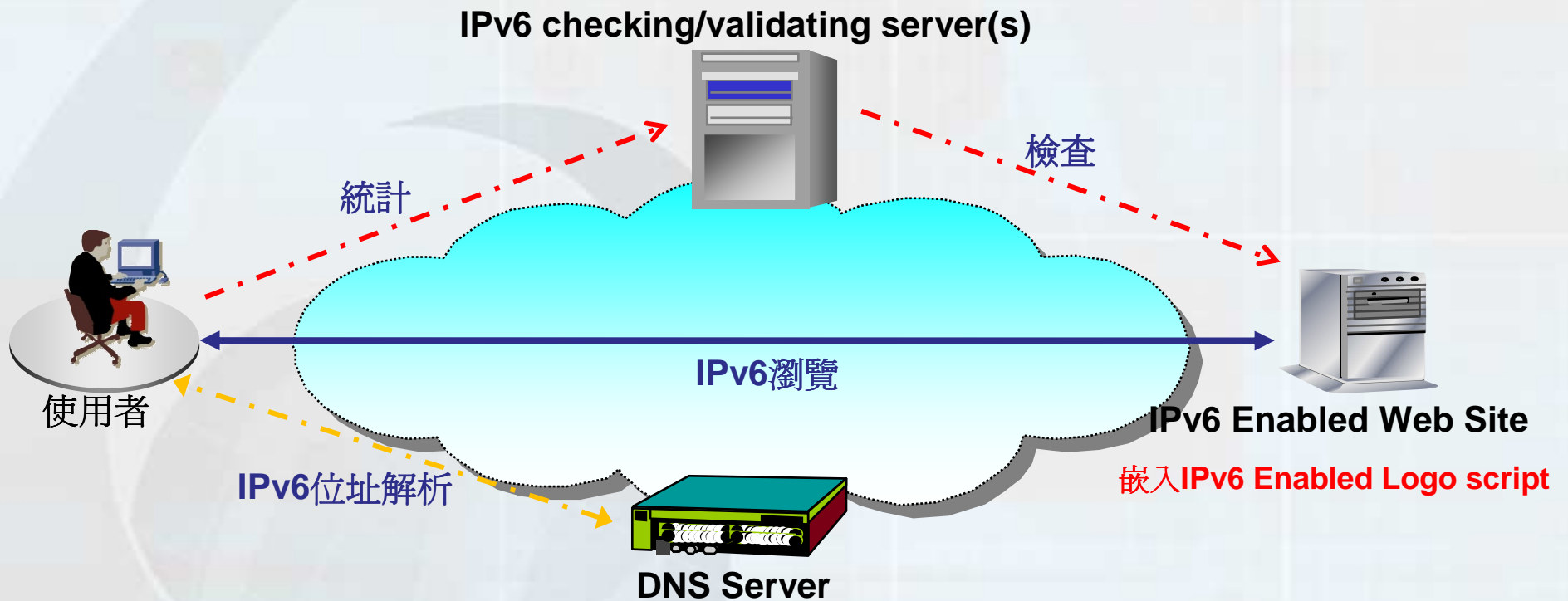


# IPv6 Enabled WWW Logo

- 申請對象
  - ✓ 鼓勵**企業**、**ISP**及**個人用戶**建立具備**IPv6**連線能力之網頁。
- 申請條件
  - ✓ 由於是鼓勵性質，只要網頁具備公眾**IPv6**連線能力 (IPv6 HTTP Access Ability)，並申請**註冊IPv6**網域名稱 (IPv6 Resolving Ability)都可申請此標章，而計畫會每日自動定期檢查網頁**IPv6**連線狀態。
- 目前規劃兩個階段
  - ✓ **Basic Level**
    - ◆ 驗證IPv6網頁的可連結度(reachability)
    - ◆ 內嵌的IPv6 Enabled Script是否順利執行
  - ✓ **Advanced Level** → 規劃中



# v6eLogo\_WWW網路架構及角色







# v6eLogo\_WWW申請步驟

1. 下載IPv6 Enabled WWW validation specifications  
([http://www.ipv6forum.com/ipv6\\_enabled/WWW\\_download.php](http://www.ipv6forum.com/ipv6_enabled/WWW_download.php))
2. 線上填寫申請表格，完成Usage Agreement.  
([http://www.ipv6forum.com/ipv6\\_enabled/register.php?type=www](http://www.ipv6forum.com/ipv6_enabled/register.php?type=www))
3. 完成**validated**和**basic reachability**檢查後，可獲得一個**動態影像標章(script)**，需要將此標章嵌入原網頁中。(瀏覽後執行script)
4. 當第一個使用者以IPv6瀏覽成功後，可正式獲得唯一序號的IPv6 Enabled WWW標章。
5. 正式表列於官方網頁上。  
([http://www.ipv6forum.com/ipv6\\_enabled/approval\\_list.php](http://www.ipv6forum.com/ipv6_enabled/approval_list.php))



# v6eLogo\_WWW檢查標準定義

## (1/2)

- **DNS SR和HTTP SR定義**

- ✓ **IPv6 DNS Resolving Ability**

- ◆向不同的五個DNS Server各詢問同一個網域名稱五次，總計25次

- ◆**DNS SR =  $x/25 * 100\%$**

- ✓ **IPv6 HTTP Access Ability**

- ◆向Web網站送出HTTP request五次

- ◆**HTTP SR =  $y/5 * 100\%$**

- **IPv6 WWW Maintenance Ability**

- ✓ **Daily Reach**

- ◆每日不同使用者(不同IPv6位址)以IPv6瀏覽該IPv6網頁次數

- ✓ **Weekly Reach**

- ◆每星期不同使用者(不同IPv6位址)以IPv6瀏覽該IPv6網頁次數



# v6eLogo\_WWW檢查標準定義 (2/2)

- **Primary Test 通過條件**

DNS SR	$\geq 60\%$
HTTP SR	$\geq 20\%$

- **Maintenance Test 通過條件**

DNS SR $\geq 60\%$	$\geq 4$ days/week
HTTP SR $\geq 20\%$	$\geq 4$ days/week





# v6eLogo\_WWW Dynamic Logo

v6eLogo Classic style



v6eLogo Mini style



ACCESSING VIA IPv4



Status: Service-In  
Total: 74  
Last: 2009-05-29  
URL: 6. NXXX, JP  
ACCESSING VIA IPv4 NOW

- 標章狀態

- (1) **Testing**: 進行Primary test中。
- (2) **Service-in**: 通過Primary test，而且上星期的 maintenance test 通過或進行中。
- (3) **Service-out**: 通過Primary test，但上星期的 maintenance test 失敗。



# v6eLogo\_WWW Logo ID



- **XX** 表示認證階段
- **YY** 表示區域或國家
- **ZZZZZZZZ** 表示唯一的序號(從00000001開始編號)

<u>Status(*)</u>	<u>ID</u>	<u>Organization Name</u>	<u>URL</u>	<u>Region/Country</u>	<u>Tags</u>	<u>Last Access Time</u>
<b>SERVICE-IN</b>	W1-TW-00000111	<u>CHT-TL IPv6 Testing Lab.</u>	<u>interop.ipv6.org.tw</u>	TW	Enterprise Site	2009-12-04 09:04:09



# 獲得v6eLogo\_WWW網頁

IPv6測試實驗室網頁

CHT-TL IPv6 Testing Lab - Windows Internet Explorer  
 http://interop.ipv6.org.tw/

中華電信研究所 IPv6測試實驗室 | 首頁 | English | 搜尋

Status: IPv6-OK  
Last: 2009/10/19

## IPv6 Ready Logo Program

您的IP位址: 2001:b020:0:71::f  
 測試您的IPv6位址(先確定您已與IPv6網路連接!)  
 本頁最後修改日期: Mon October 19 2009 02:53:48 PM

### 最新消息

- (2009/10/13)美國政府USG6測試規範(NIST主導)正式公告實施SP500-273! 相關報導
- (2009/6/6)下載最新IPv6 Ready Logo SNMP測試規格書(1.0.2版)!
- (2009/3/19)下載最新IPv6 Ready Logo SNMP測試工具(1.0.2版)!
- (2009/3/4)更新IPv6 Ready Logo IPSec Interop VEL測試工具(1.9.0版)!
- (2009/1/20)下載最新IPv6 Ready Logo SNMP測試工具(1.0.1版)及測試報表!
- (2008/12/25)IPv6 Ready Logo SNMP測試正式啟用!

**IPv6 Ready Logo (Phase-2) 台灣獲得IPv6 Ready Logo Phase-2 認證單位! 詳細名單**  
 (Logo累積總數:340 台灣:總數:42 updated on 2009/10/15)





# IPv6 Enabled Logo Program 首頁

- [http://www.ipv6forum.org/ipv6\\_enabled/](http://www.ipv6forum.org/ipv6_enabled/)

IPv6 Enabled Main Page - Microsoft Internet Explorer

檔案(E) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 ☆ 我的最愛

網址(1) [http://www.ipv6forum.org/ipv6\\_enabled/](http://www.ipv6forum.org/ipv6_enabled/) 移至 連結

Google 開始 241 已攔截 拼字檢查 傳送到 設定

## IPv6 Enabled Program

-----New Service

HOME WWW

### IPv6 Enabled Program

The IPv6 Forum "IPv6 Enabled" Program has the prime objective to accelerate worldwide IPv6 deployment. The "IPv6 Enabled" Program will have two logo programs: the IPv6 Enabled WWW Logo Program and the IPv6 Enabled ISP Logo Program.

The IPv6 Enabled WWW Logo Program is the first one to be released. Its objective is to encourage adoption of IPv6 on the millions of web sites (WWW) at enterprises, Internet Service Providers (ISPs) and private users helping them to test and check their proper IPv6 readiness and adoption.

The IPv6 Enabled WWW Logo Program integrates two levels: basic and advanced.

The basic level is extended to the applicant after his registration on the IPv6 Forum IPv6 Enabled official website, which requires some basic testing as well as ongoing functioning testing. Obtaining the basic level logo is the prerequisite for the advanced level logo: The advanced level logo has not yet been fully defined. It will entail application and strict certification procedures.

[Test your IPv6 connection via the IPv6 Forum Test IPv6](#)

### IPv6 Enabled WWW Logo

 The IPv6 Enabled WWW Logo Program is designed to check IPv6-enabled websites.

The IPv6 Enabled WWW Logo Program consists of Basic and Advanced levels.

#### Basic Level

IPv6 Enabled WWW Basic Level is the first step of IPv6 Enabled WWW Logo Program.

#### How to apply

The process for obtaining the IPv6 WWW Logo Basic level is as following:



# Usage Agreement

- 申請者代表保證如下:

- (a) 我們遞送給委員會之申請表格資訊為正確且完整。申請者網站完全達到委員會制訂的要求。
- (b) 我們謹慎使用標章於認證通過之WWW 網站，該網站確實通過委員會所制訂的各類認證測試規範要求。我們不得使用www標章於其他非獲得www標章之網站。
- (c) 我們同時顯示一種標章圖樣於認證通過之WWW 網站。
- (d) 我們謹慎使用標章於下列用途：
  - i. 推廣IPv6;
  - ii. 鼓勵所有組織推廣IPv6;
  - iii. 提供給社會大眾與一般使用者IPv6 WWW服務互連資訊; 以及
  - iv. 顯示WWW網站符合委員會制訂之使用此標章之所有要求我們不以任何形式連結www標章至個人或是公司品牌或企業標誌。
- (e) 我們謹慎使用標章符合IPv6 Enabled WWW Logo Style Guide，該文件由委員會制訂且視需要修訂。除非直接取得委員會書面授權，我們不可以將標章的全部或是部份以任何形式加框、張貼、上傳、傳送或是修改。
- (f) 當我們察覺或是發現由於申請者網站升級造成標章使用上的衝突，我們應立即通知委員會。我們應提供委員會所要求的相關申請者網站升級之任何和全部的資訊，以及爲了要確認升級後之WWW網站確實符合委員會所制訂的各類認證測試規範要求之所有資訊。我們不得使用WWW標章於任何WWW網站沒有通過委員會所制訂的各類認證測試規範要求。
- (g) 我們不得擁有任何有關WWW標章之智慧財產權。
- (h) 我們不得使用www標章於非法網站以及(或)非法或違反善良風俗之網站。
- (i) 我們同意IPv6 Forum保留IPv6 Enabled WWW標章最終解釋權利。



# 附件 WWW申請案例

1. 下載IPv6 Enabled WWW Logo測試規範
2. 填寫申請者網站基本資料
3. 閱讀並同意User Agreement
4. 顯示”註冊成功”
5. 網頁轉導顯示”基本資料”與Primary Test將在三十分鐘後測試
6. Primary Test
7. After successful primary test, generate script code
8. 更改基本資料畫面





# 1. 下載IPv6 Enabled WWW Logo測試規範

IPv6 Enabled Main Page - Microsoft Internet Explorer

檔案(E) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 ☆ 我的最愛

網址(D) http://www.ipv6forum.org/ipv6\_enabled/ 移至 連結 >>

Google G 開始 書籤 242 已擱截 拼字檢查 傳送到 設定

The IPv6 Forum IPv6 Enabled Logo program objective is to accelerate deployment of IPv6. The goal of this program is to increase user confidence by demonstrating that IPv6 is available now and is ready to be used.


The IPv6 Enabled Logo program consists of two logo sub-programs: the IPv6 Enabled WWW Logo Program and the IPv6 Enabled ISP Logo Program.

The IPv6 Enabled WWW Logo Program is the first one to be released. Its objective is to encourage adoption of IPv6 on the millions of web sites (WWW) at enterprises, Internet Service Providers (ISPs) and private users helping them to test and check their proper IPv6 readiness and adoption.

**NEW! Internet Evangelist promotes IPv6 to the Web World!**

[Test your IPv6 connection via the IPv6 Forum Test IPv6](#)

### IPv6 Enabled WWW Logo



The IPv6 Enabled WWW Logo Program integrates two levels: basic and advanced.

#### Basic Level

The basic level validates the applicant web site IPv6 reachability as defined by the IPv6 Enabled WWW Logo validation specification. If the script is run successfully the applicant web site is assigned a logo ID and is listed on the IPv6 Enabled web pages.

#### How to apply

The process for obtaining the IPv6 WWW Logo Basic level is as following:

1. Download the IPv6 Enabled WWW validation specifications from [the IPv6 Enabled Logo web site](#).
2. Fill out the Application form online and complete the [IPv6 Enabled Logo Usage Agreement](#) by filling out the [entry information](#) and pressing the "apply button" to show your intention of agreement.
3. Once your application is validated and basic reachability checks are run you will receive a dynamic image logo with a script to be insert in your web site source file. The script will collect IPv6 reachability data for your web site.
4. Once the script is run successfully on your web site you will receive Logo ID with a unique serial number.
5. Your web site will be listed on the [IPv6 Enabled WWW Web Sites List](#).

#### Advanced (to be released in the second phase during 2009)

For any query or comment about the validated web sites, please [contact us](#).

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網頁發生錯誤 網際網路



# 2. 填寫申請者網站基本資料

The screenshot shows a web browser window with the address bar displaying `http://www.ipv6forum.org/ipv6_enabled/register.php?type=www`. The page title is "IPv6 Enabled Program" and it includes a "New Service" banner. The main content area is titled "IPv6 Enabled WWW Basic Application" and contains a registration form. The form fields are as follows:

- Organization: CHT-TL IPv6 Testing Lab.
- Country and Region: TW
- URL: interop.ipv6.org.tw
- Tags: Enterprise Site
- Email Address: wanderch@cht.com.tw
- Password: [masked]
- Confirm Password: [masked]

The form is followed by a "Usage Agreement" section. The agreement text includes:

**REPRESENTATIONS ON USING THE IPV6 ENABLED WWW LOGO**

The IPv6 Enabled WWW Logo is to be used by individuals/companies that have assessed that their web servers comply with the requirements designated by the IPv6 Enabled Steering Group (v6eSG).

The IPv6 Enabled WWW Logo can only be used under the following representations made by individuals/companies who desire to use the IPv6 Enabled WWW Logo. Please understand that this IPv6 Enabled Logo Program is built upon your trust to such individuals/companies' representations.

\*\*\*\*\*

We hereby make the following representations (the "Representations") for the purpose of using the IPv6 Enabled WWW Logo.

**1. Definitions**

Unless the context otherwise requires, the following words and expressions shall have the following meanings:

"Committee" shall mean the IPv6 Enabled Logo Steering Group which is working under the supervision



# 3. 閱讀並同意User Agreement

http://www.ipv6forum.org/ipv6\_enabled/register.php?type=www - Microsoft Internet Explorer

檔案(E) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址(D) http://www.ipv6forum.org/ipv6\_enabled/register.php?type=www

Google G

for any WWW server other than the Confirmed WWW Server.

- c. We shall only display 1 (one) type of Logo at a time for the Confirmed WWW Server that meets the requirements designated by the Committee with respect to the Confirmed Category.
- d. We shall only use the Logo solely for the following purposes in order to:
  - i. promote IPv6;
  - ii. encourage all organizations that will deploy IPv6;
  - iii. indicate to public procurers and users the information of interoperability of IPv6 WWW services;
  - iv. indicate that the WWW server meets all requirements set by the Committee for use of the Logo.

We shall not use the Logo in any way that would associate it with any individual or company logo or brand.

- e. We shall use the Logo solely in accordance with the IPv6 Enabled WWW Logo Style Guide which is prepared and amended by the Committee from time to time. We shall not frame, post, upload, transmit or modify in any way, all or any part of the Logo, unless expressly authorized in writing by the Committee.
- f. We shall immediately notify the Committee if we suspect or discover that our use conflicts with any of the Representations hereof as a result of upgrading of its Confirmed WWW server. In the event that the above notification is provided, we shall provide the Committee with any and all information requested by the Committee in relation to the upgrading of our Confirmed WWW Server and all information in order to confirm the revised WWW server actually meets the requirements designated by the Committee with respect to the Confirmed Category. We shall not use the Logo for any WWW server which does not meet the requirements designated by the Committee with respect to the Confirmed Category.
- g. We do not own any intellectual property rights in relation to the Logo.
- h. We shall not use the Logo on the ILLEGAL and/or OFFENSIVE TO THE PUBLIC ORDER AND MORALS web site.
- i. We agree that IPv6 Forum reserve the right of final interpretation for the IPv6 Enabled WWW Logo

The terms hereof may be amended at any time in accordance with terms of the Representations as amended by the Committee, after the completion and resolution of public review on the amendment(s). The fact that the terms have been changed will be highlighted on the IPv6 Forum's website, in respect of any changes made within the previous 30 days. The amended terms will be effective immediately upon posting on the said website and we hereby irrevocably and unconditionally agree to be bound by the amended terms from the date of the posting on the said website. The terms hereof may not be amended otherwise.

agree  I don't agree

Submit

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# 4.顯示“註冊成功”

The screenshot shows a Microsoft Internet Explorer browser window. The address bar displays the URL: [http://www.ipv6forum.org/ipv6\\_enabled/write\\_user\\_info\\_and\\_redirect.php](http://www.ipv6forum.org/ipv6_enabled/write_user_info_and_redirect.php). The browser's menu bar includes options like 檔案(F), 編輯(E), 檢視(V), 我的最愛(A), 工具(T), and 說明(H). The toolbar contains navigation buttons such as 上一頁, 移至, and 連結. The main content area features the IPv6 Forum logo on the left, a navigation menu with links like Home, IPv6 Enabled List, Introduction, Validated List, Apply, Login, Report, Steering Group, Documents, and Contact. The central part of the page has a green banner that reads "Register Success!!" with the message: "Your information has been successfully written in our database. This page will be automatically redirected to report page, please hold on." The footer of the page says "Powered By © IPv6 Forum 2009". The browser's status bar at the bottom shows "完成" and "網際網路".



# 5. 網頁轉導顯示”基本資料與Primary Test將在三十分鐘後測試”

Organization: CHT-TL IPv6 Testing Lab. [logout](#) | URL: [interop.ipv6.org.tw](http://interop.ipv6.org.tw) [change](#)

Application Information	
Application ID:	111
Organization:	CHT-TL IPv6 Testing Lab.
Applicant Email Address:	wanderch@cht.com.tw
Application URL:	interop.ipv6.org.tw
Application Tags:	Enterprise Site
Application Location:	TW

[setting](#)

**Configuration**

**Test Summary**

Testing result will be given 30 minutes after your registration.

**Test Detail**

Powered By © IPv6 Forum 2009



# Primary Test(1)

Organization: CHT-TL IPv6 Testing Lab. [logout](#) | URL: [interop.ipv6.org.tw](http://interop.ipv6.org.tw) [change](#)

### Application Information

Application ID: 111  
Organization: CHT-TL IPv6 Testing Lab.  
Applicant Email Address: wanderch@cht.com.tw  
Application URL: interop.ipv6.org.tw  
Application Tags: Enterprise Site  
Application Location: TW

[setting](#)

### Configuration

[click here to get the script codes...](#)

### Test Summary

Please download the script file according to it's usage.

Test Case Name	Primary Test Result	Maintenance Test Result for Last Week
IPv6 DNS Resolving Ability in Primary Test	pass	----
IPv6 Http Accessing Ability in Primary Test	pass	----
IPv6 DNS Resolving Ability in Maintenance Test	----	testing
IPv6 Http Accessing Ability in Maintenance Test	----	testing

### Test Detail



# Primary Test(2)

http://www.ipv6forum.org/ipv6\_enabled/report.php - Microsoft Internet Explorer

檔案(E) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 ☆ 我的最愛

網址(D) http://www.ipv6forum.org/ipv6\_enabled/report.php 移至 連結 >>

Google G 開始 242 已攔截 拼字檢查 傳送到 設定

Documents  
Contact

Application Page:  
Application Location: TW

[setting](#)

### Configuration

[click here to get the script codes...](#)

### Test Summary

Please download the script file according to it's usage.

Test Case Name	Primary Test Result	Maintenance Test Result for Last Week
IPv6 DNS Resolving Ability in Primary Test	pass	----
IPv6 Http Accessing Ability in Primary Test	pass	----
IPv6 DNS Resolving Ability in Maintenance Test	----	testing
IPv6 Http Accessing Ability in Maintenance Test	----	testing

### Test Detail

- IPv6 DNS Resolving Ability in Primary Test Primary test for the web site IPv6 domain name resolving ability by five different DNS servers and each server for five times.
- IPv6 Http Accessing Ability in Primary Test Primary test for web site IPv6 Http accessing ability.
- IPv6 DNS Resolving Ability in Maintenance Test Maintenance test for the web site IPv6 domain name resolving ability by five different DNS servers and each server for five times.
- IPv6 Http Accessing Ability in Maintenance Test Maintenance test for web site IPv6 Http accessing ability.

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完成 網際網路





# After successful primary test, generate script code (1)

Organization: CHT-TL IPv6 Testing Lab. [logout](#) | URL: [interop.ipv6.org.tw](#) [change](#)

### Logo Style Selection

Two styles of logo are provided as follows. You can choose either one you like, then you can get the corresponding script codes. Classic Style is the default one.

**Classic Style:** image with full description.  
Size: 250px\*95px

**Mini Style:** image with partial description.  
Size: 152px\*47px

### Script Content

Script is as follows:

```
<div id=ipv6_enabled_www_test_logo></div>
<script language="JavaScript" type="text/javascript">
  var Ipv6_Js_Server =
  (("https:" == document.location.protocol) ? "https://" : "http://");
  document.write(unescape("%3Cscript src='" + Ipv6_Js_Server + "www.ipv6forum.com/ipv6_enabled/sa/S&.php?id=111' type='text/javascript'%3E%3C/script%3E"));
</script>
```

Script Usage:

1. Download the script code;
2. Paste the whole script inside of your website html codes;
3. Visit your website via IPv6, you can see one kind of dynamic logo as shown in the following section.



# Generate script code (2)

http://www.ipv6forum.org/ipv6\_enabled/sc\_grt.php? - Microsoft Internet Explorer

Script is as follows:




```
<div id=ipv6_enabled_www_test_logo></div>
<script language="JavaScript" type="text/javascript">
var Ipv6_Js_Server =
(("https:" ==
document.location.protocol) ? "https://" : "http://");
document.write(unescape("%3Cscript src='" + Ipv6_Js_Server + "www.ipv6forum.com/ipv6_enabled/sa/Sa.php?id=111' type='text/javascript'%3E%3C/script%3E"));
</script>
```

Script Usage:

1. Download the script code;
2. Paste the whole script inside of your website html codes;
3. Visit your website via IPv6, you can see one kind of dynamic logo as shown in the following section.

### Notes for Dynamic Logo

Dynamic logo is generated by the above script. The status shown in the dynamic logo would be as follows:

 <p>Testing: During Primary test.</p>	 <p>Service-In: Last-week maintenance test is successful or in progress.</p>	 <p>Service-Out: Last-week maintenance test is failed.</p>	<p>Nothing: The current URL doesn't match the certificated URL.</p>
---	---	---	---

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# 更改基本資料畫面

Organization: CHT-TL IPv6 Testing Lab. [logout](#) | URL: [interop.ipv6.org.tw](#) [change](#)

### Change Setting

URL:

Password:

---Change information---

Organization:

Country and Region:

Tags:

Email Address:

---Reset password---

New Password:

Confirm New Password:

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# IPv6 Enabled Program網站

- [http://www.ipv6forum.org/ipv6\\_enabled/](http://www.ipv6forum.org/ipv6_enabled/)

IPv6 Enabled Main Page - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.ipv6forum.org/ipv6\_enabled/

Most Visited Windows Media Windows 免費的 Hotmail 唯我獨尊成人貼圖論壇... 自訂連結

## IPv6 Enabled Program

-----New Service

HOME WWW ISP CONTACT

### IPv6 Enabled Program

The IPv6 Forum IPv6 Enabled Logo program objective is to accelerate deployment of IPv6. The goal of this program is to increase user confidence by demonstrating that IPv6 is available now and is ready to be used.

The IPv6 Enabled Logo program consists of two logo sub-programs: the IPv6 Enabled WWW Logo Program and the IPv6 Enabled ISP Logo Program.

The IPv6 Enabled WWW Logo Program is the first one to be released. Its objective is to encourage adoption of IPv6 on the millions of web sites (WWW) at enterprises, Internet Service Providers (ISPs) and private users helping them to test and check their proper IPv6 readiness and adoption.

[New! Internet Evangelist promotes IPv6 to the Web World!](#)

[Test your IPv6 connection via the IPv6 Forum Test IPv6](#)

#### IPv6 Enabled WWW Logo

The IPv6 Enabled WWW Logo Program integrates two levels: basic and advanced.



**Basic Level**

The basic level validates the applicant web site IPv6 reachability as defined by the IPv6 Enabled WWW Logo validation specification. If the script is run successfully the applicant web site is assigned a logo ID and is listed on the IPv6 Enabled web pages.

**How to apply**

The process for obtaining the IPv6 WWW Logo Basic level is as following:

1. Download the IPv6 Enabled WWW validation specifications from the [IPv6 Enabled Logo web site](#)

#### IPv6 Enabled ISP Logo

The IPv6 Enabled ISP Logo Program integrates two levels: basic and advanced.



**Basic Level**

The basic level validates the applicant IPv6 service as defined by the IPv6 Enabled ISP Logo validation specification. If the script is run successfully the applicant ISPs is assigned a logo ID and is listed on the IPv6 Enabled ISPs pages.

**How to apply**

The process for obtaining the IPv6 ISP Enabled Basic level is as following:

1. Download the IPv6 Enabled ISP validation specifications

Done