



Developments on the IPv6 Ready Logo Program

IPv6 Technology Adoption

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April, 2013



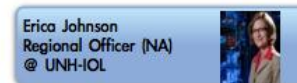
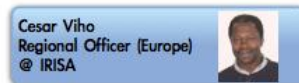
Summary

- The IPv6 Ready Logo Program Update
- IPv6 Test Programs
 - IPv6 Ready Logo (since 2001)
 - IPv6 World Launch
 - IPv6 Ready CE Router Logo Launch
 - IPv6 Ready Logo Event
- IPv6 in the home

IPv6 Forum's IPv6 Ready Logo



- Goal 2001-Present: Conformance and Interoperability test program intended to increase user confidence
- Logo Committee Structure

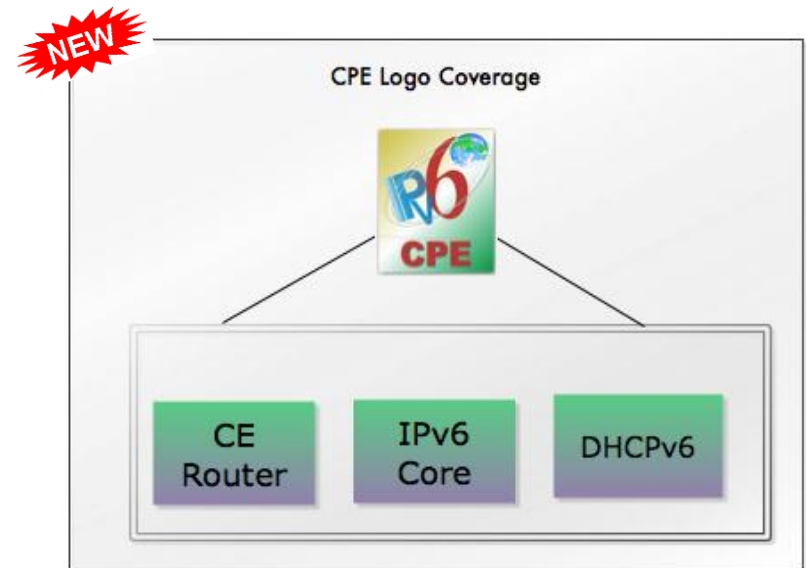
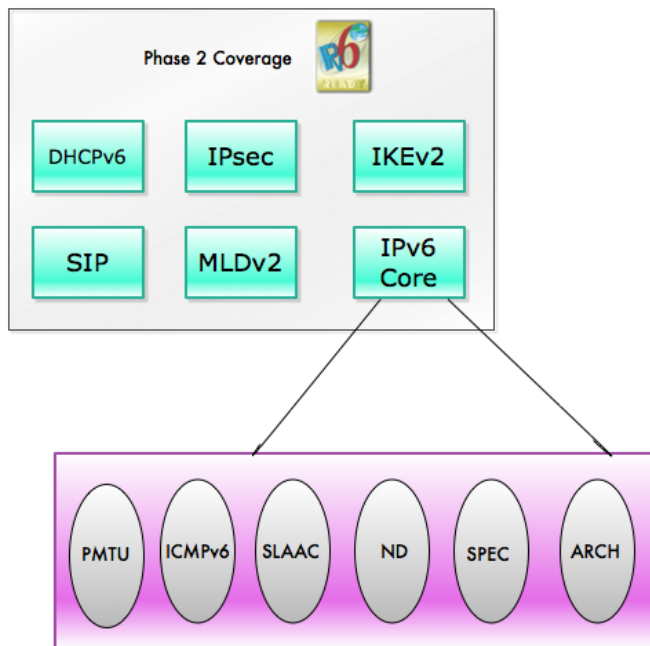


- Approved Labs
 - BII (China), CHT-TL (Taiwan), InfoWeapons (PH), IRISA (EU), JATE (Japan), TTA (Korea), UNH-IOL (US)



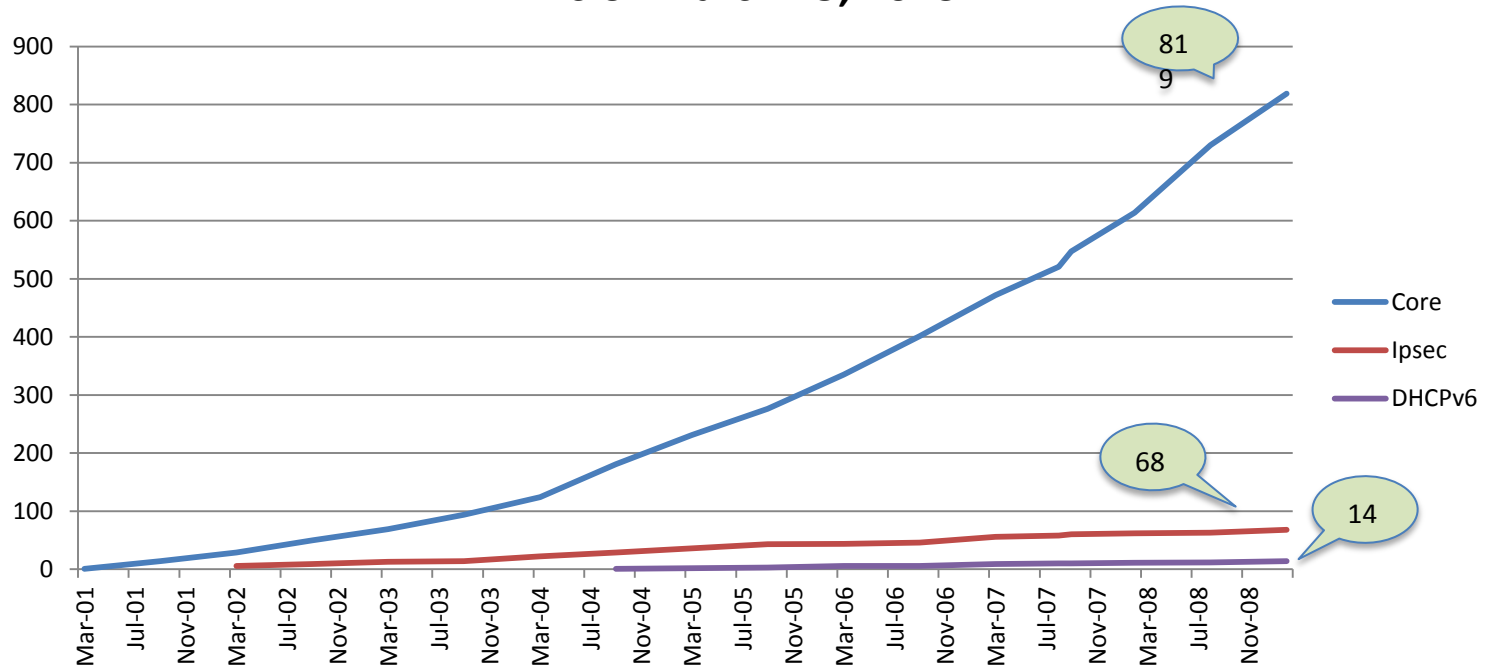
IPv6 Ready Logo Programs

- Extensive Interoperability and Conformance testing Requirements for IPv6 stacks.
 - All *Musts* and *Shoulds* tested within standard RFC



Current Logo Approvals

As of March 25, 2013



<https://www.ipv6ready.org>

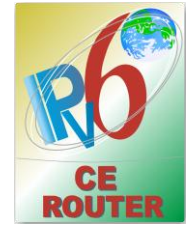
IPv6 World Launch expands to Home Gateways

- 3 different classes of Participants enabled IPv6 permanently.
 - Websites, Networks and Manufacturers
- Home Routers Manufacturers
 - Completing the Interoperability portion of the CE Router Logo will get you on IPv6 World Launch list.



<http://www.worldipv6launch.org/participants>

CE Router Logo Program (NEW)



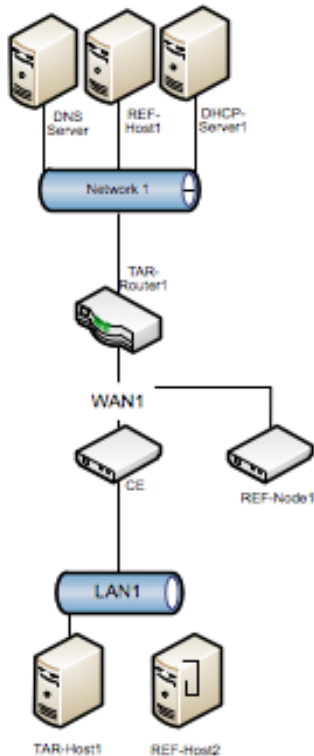
Target Launch May 2013

- Test Requirements (100% pass)
 - Conformance Interoperability

CE Router Tested List (14 devices)

(Performed Interoperability testing at UNH-IOL to show commitment to Logo and IPv6 deployment.)

<http://www.iol.unh.edu/services/testing/ipv6/cerouter.php>



The following devices performed all the test cases successfully.

| Company | Product | Product Version | Test Scenario Version | Date Listed |
|---------------|---|-------------------------------|-----------------------|-------------|
| Broadcom | BCM 93380 WVG | 5.5.6 | 1.0.0.b6 | 11/9/11 |
| D-Link | DIR-Series Router | v.1.00 | 1.0.0.b6 | 11/9/11 |
| D-Link | DIR-Series Router | v2.00 | 1.0.0.b6 | 11/9/11 |
| Cisco Systems | Linksys E4200 | v1 Firmware 1.0.04 | 1.0.0.b7 | 1/12/12 |
| Lantiq | Broadband Router/Gateway/XRX100/XRX200/XRX300 | UGW-5.x series Router/Gateway | 1.0.0.b6 | 11/9/11 |
| Broadcom | BCM 93380 WRG | 5.5.5alpha0 | 1.0.0.b4 | 5/31/11 |
| D-Link | DIR-652 | v.1.5 | 1.0.0.b4 | 5/31/11 |

IPv6 CE Router Event

- The UNH-IOL is hosting a [CE Router Event June 24, 2012](#).
- IPv6 Ready CPE Interoperability Test Plan is executed.
- IPv6 Ready CPE Conformance Test Plan is executed.
- [Whitepapers](#) discussing technical discoveries

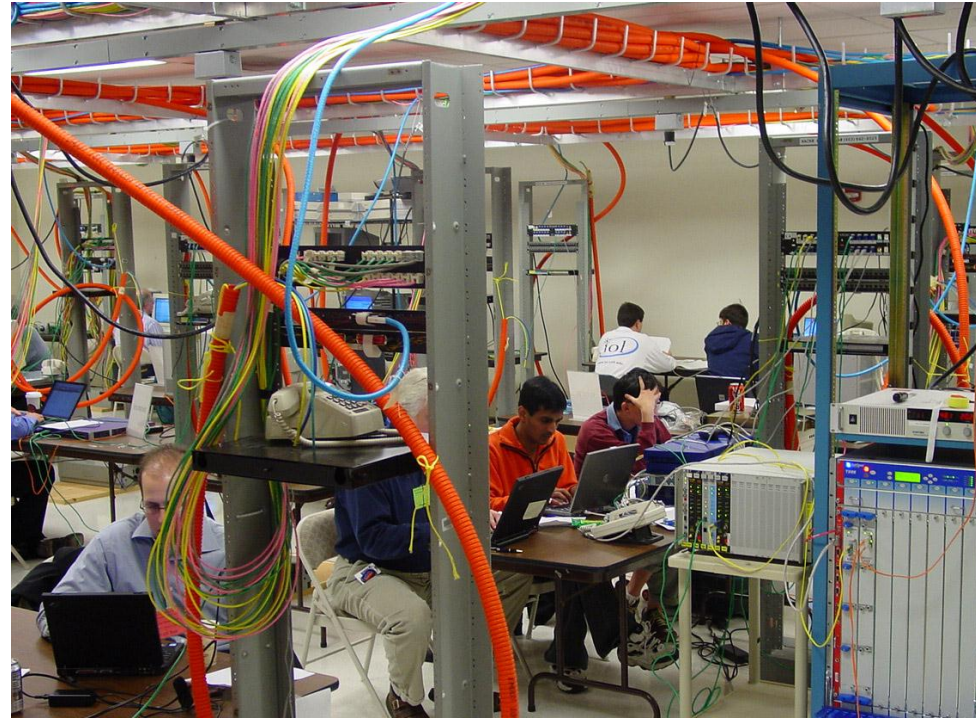
IPv6 Testing Looking ahead

- The Logo program will continue to test as IPv6 emerges into other areas of the home and building
 - Televisions, Home media devices
 - Smart Objects and low powered devices



UNH InterOperability Lab

- Third party test facility for data, telecom and storage networking technology & Consumer electronics
- Fully funded by the commercial communications industry
 - Driven by market requirements
- Technical Developers, Administrators and Test event coordinators
- Tests 20 different technologies, including IPv6



Questions?