



The IPv6 ready Logo Program: A world-wide certification Program for IPv6 deployment

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Why a unique world-wide certification Program ?

- ❑ Avoiding confusion in the mind of customers with a unique program
- ❑ Giving a strong signal to the market of IPv6 availability
- ❑ Proving the interoperability degree of various IPv6 products
- ❑ Enhancing confidence of users that IPv6 is currently operational

The IPv6 Ready Logo program should contribute to the feeling that IPv6 is available and ready to be used



A smooth and gradual approach

- Different phases :
 - Phase I "Silver"/ (Bootstrap)
 - Launched since September 2003
 - Mainly based on existing interoperability events
 - IPv6 minimum requirements of mandatory core protocols ("Must")
 - Phase II "Gold"
 - Launched in January 2005
 - Product has to successfully satisfy strong requirements ("Must" and "should")
 - Core Protocols, IPsec, MIPv6, NeMO,
 - Phase III following...





Phase I and Phase II: Tests for "Core Protocols"



Phase II: « Core Protocols » [« Must » + « Should »]

76
IPv6
Specification
[RFC2460]
40

127
Neighbor
Discovery
[RFC2461]
28

26
Stateless
Address
Autoconf.
[RFC2462]
26

41
ICMPv6
Specification
[RFC2463]
13

15
Path MTU
Discovery
[RFC1981]
0



Phase I: « Core Protocols » [Mandatory: sub-set of phase 2]



Products that can apply for the IPv6 Ready Logo

IPv6 Core Protocols

- (1) Host
- (2) Router
- (3) Operating Systems
- (4) Protocol Stack
- (5) Special Devices (embedded system, special server, ...)

IPsec

- (1) End-Node
- (2) Security Gateway

MIPv6

- (1) Correspondent Node
- (2) Home Agent
- (3) Mobile Node

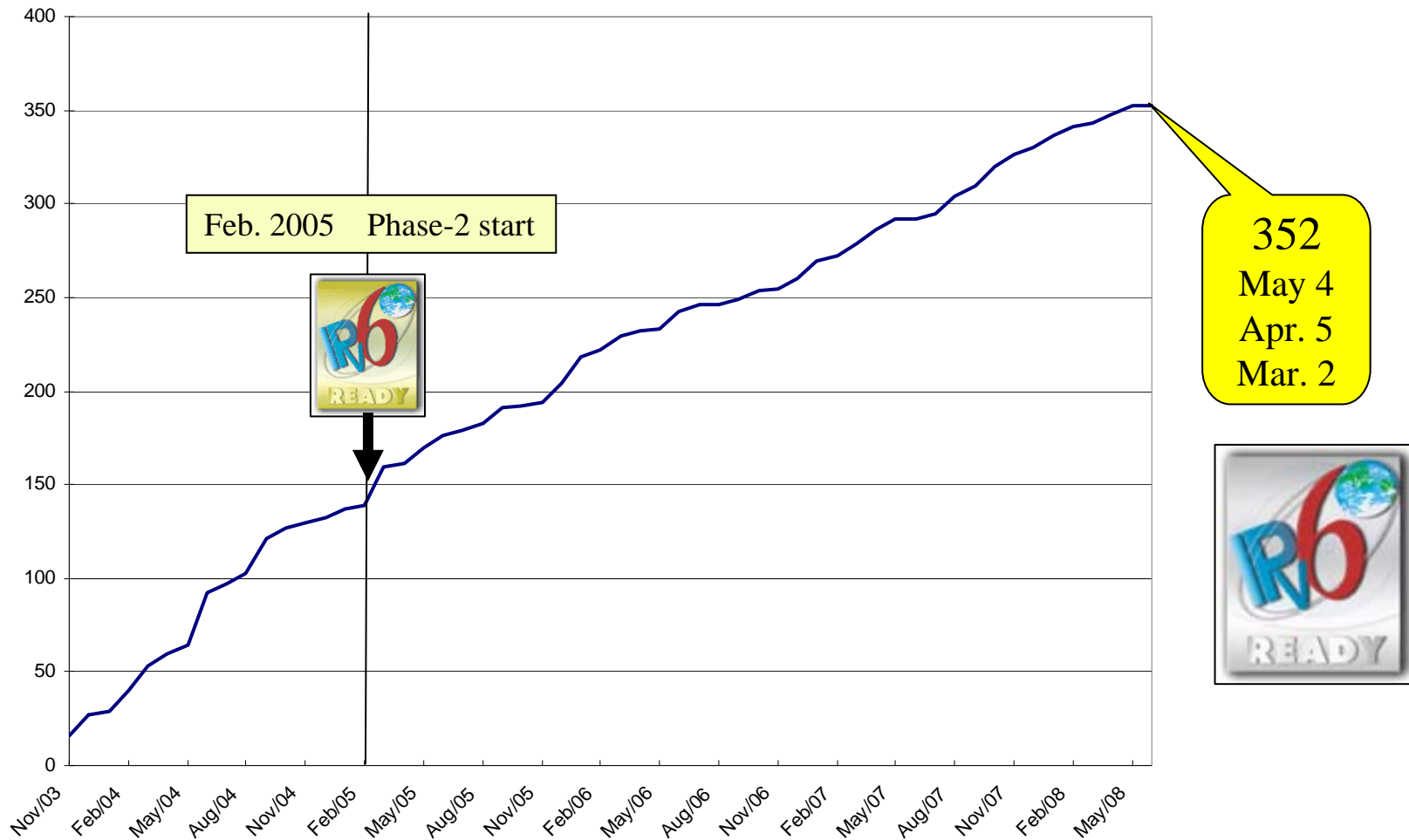
NEMO

- (1) Home Agent
- (2) Mobile Router



Phase-1 Logo Approved Devices

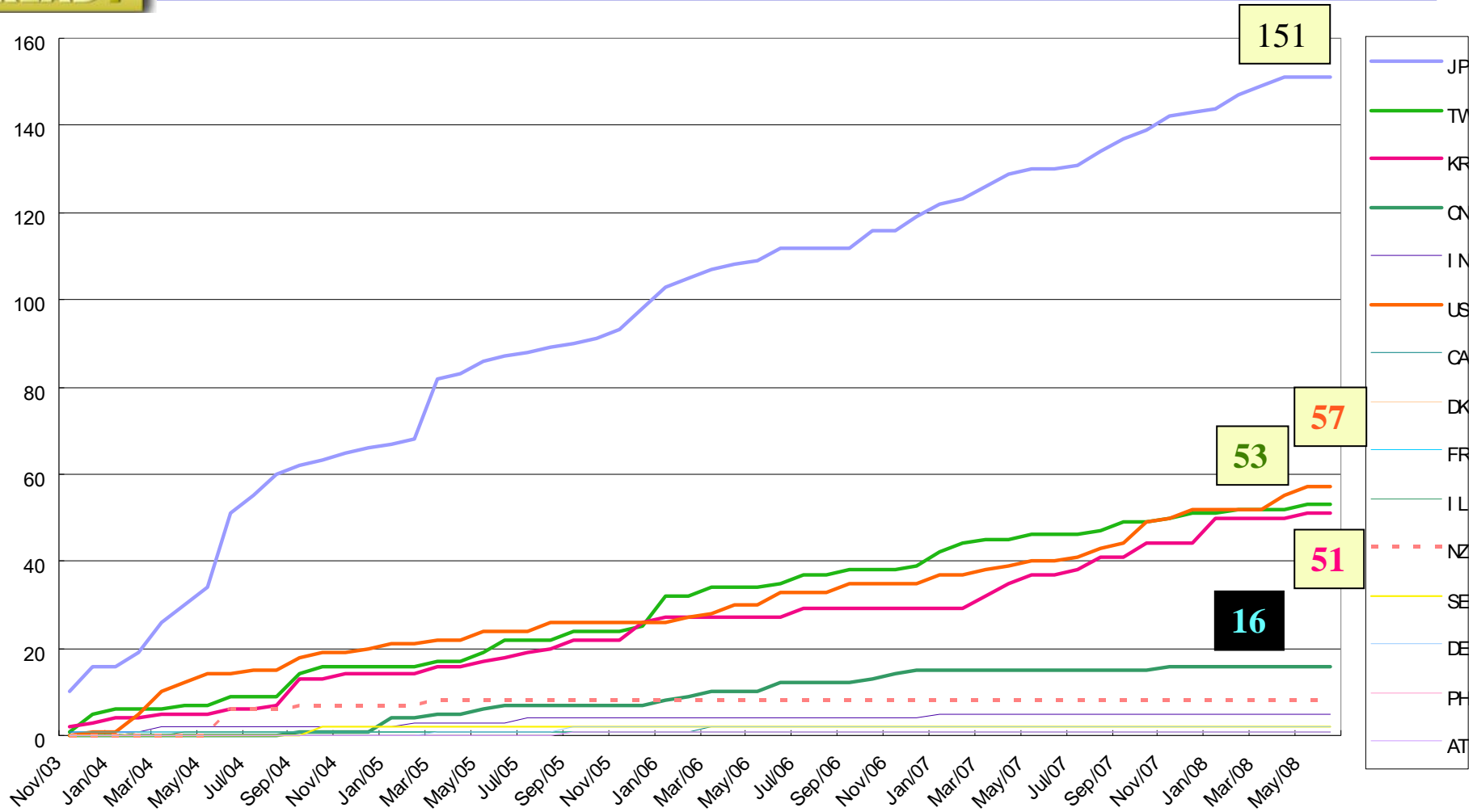
(as of June 16th 2008)





Phase-1 Logo trend by Nation

(as of May 28th 2008)

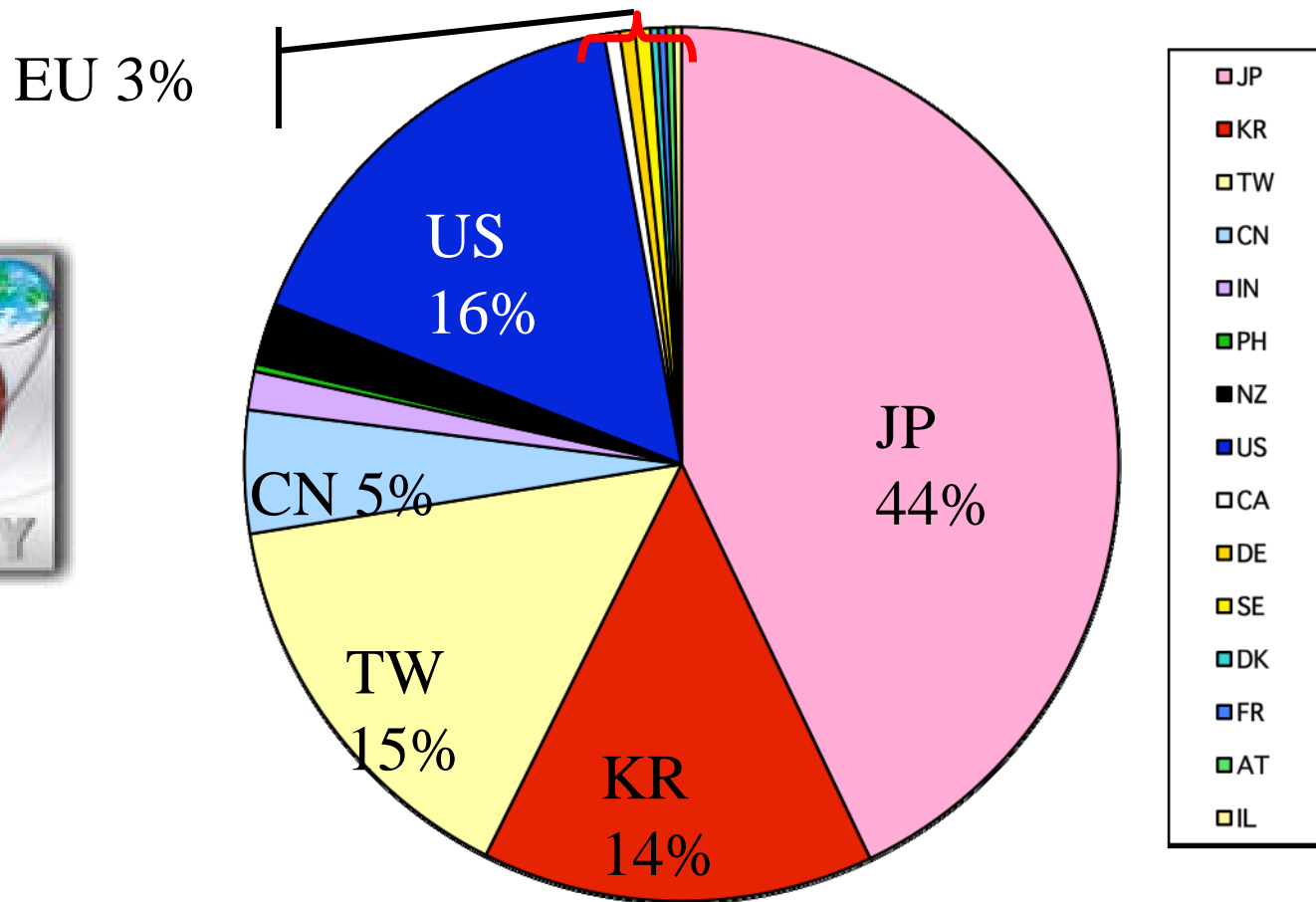


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Phase-1 Logo ratio by nation

(as of May 28th 2008)

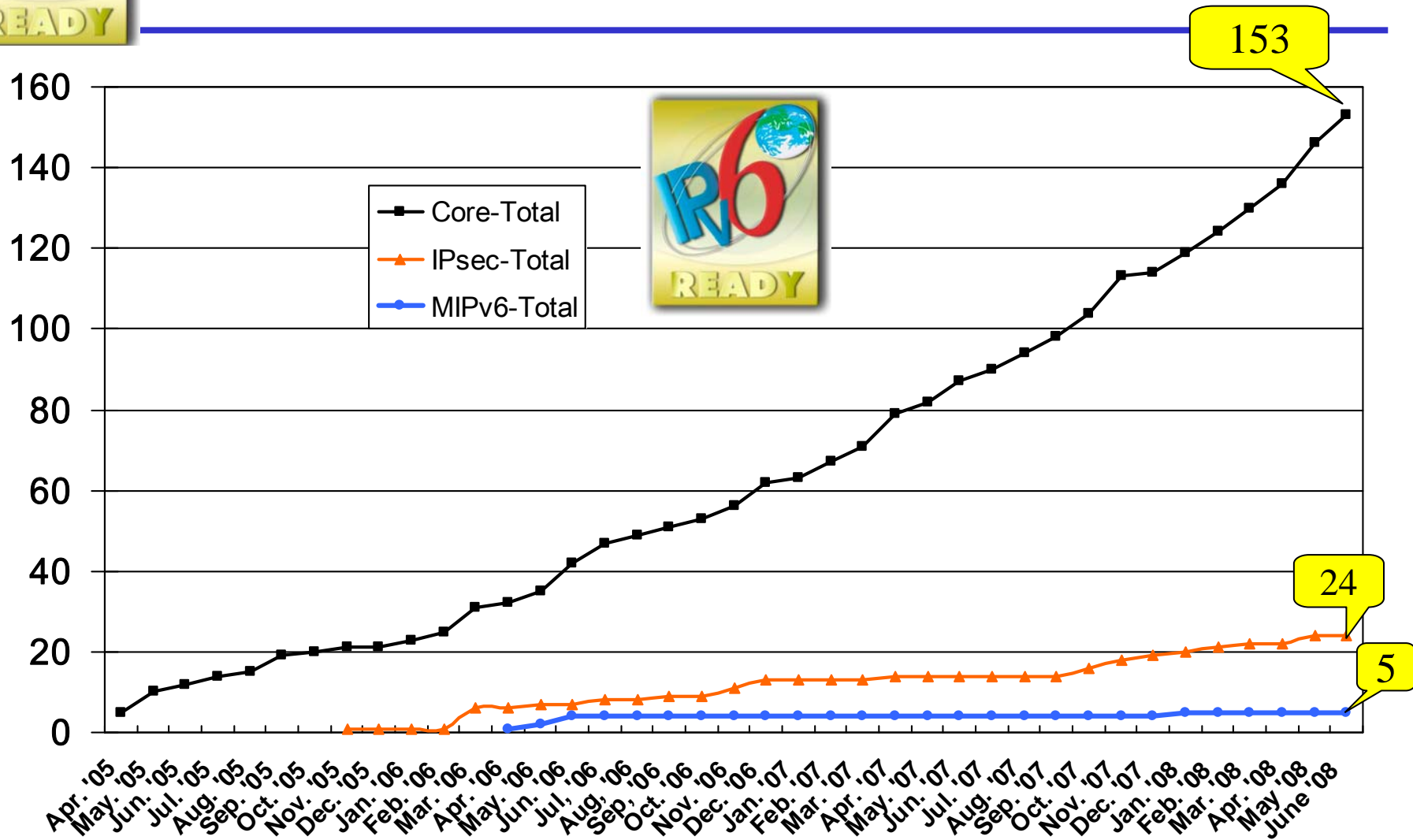


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Phase-2 Logo Approved Devices

(as of June 16th 2008)





Procedures for testing and steps for the Logo are very simple

- ❑ Based on self declaration mode
 - The applicant executes conformance and interoperability test suites based on the test specifications provided by the v6LC
 - Self-testing (without or with the help of local testing labs)
 - Interoperability events : IPv6 Plugtest (ETSI/Plugtest Service), Moonv6 (UNH-IOL) and TAHI IPv6 interoperability (TAHI project)
 - The applicant fills an Application Form and sends it to the IPv6 Logo Committee with test results (log)
 - The technical group for the region (the local Logo officer) examines the application
 - **IRISA**->Europe; UNH-IOL->America; TAHI, BII and TTA->Asia
 - If 100% PASS, the Logo officer requests the ipv6ready-admin for Logo attribution to the applicant



Europe is late... but it is not too late,
and...

...IRISA can help you and ease your
steps towards the Logo

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