

IPv6 Ready Logo UPDATE



Feb. 23rd 2005@Apricot 2005

IPv6 Ready Logo Committee

Technical Officer

H.Miyata@jp.yokogawa.com



TOC

1. Phase-1
2. Phase-2
3. Other news



Coverage/Purpose

● Phase-1

- ⊙ Connectivity
- ⊙ Functions required for Interoperability
 - ⊙ A.K.A MUST in RFC

● Phase-2

- ⊙ Better and Professional Operation
 - ⊙ Reducing unnecessary packets
- ⊙ Functions required for Professional use
 - ⊙ A.K.A MUST, SHOULD in RFC

● (Phase-3?)

- ⊙ Under discussion....

Phase-1 Update

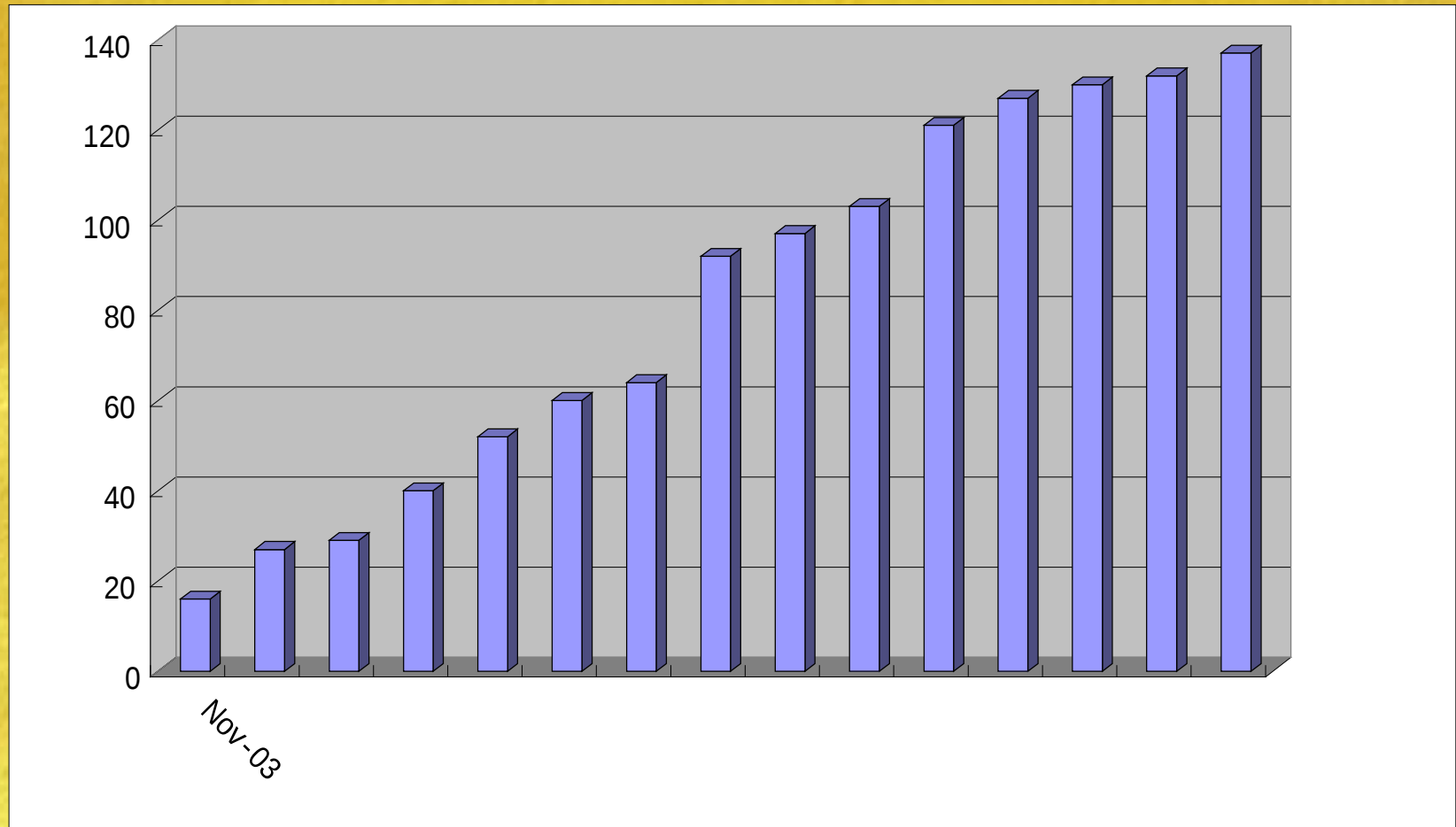


Feb. 23rd, 2005

IPv6 Ready Logo Update, Apricot 2005



Phase-1 Approved Devices





Approved Devices per Region

ASIA	103
NORTH AMERICA	22
OCEANIA	7
EU	4
MIDDLE EAST	1

Phase-2 Update



Feb. 23rd, 2005

IPv6 Ready Logo Update, Apricot 2005



Phase-2 Start!!

- Started Phase-2 Program!

- ◎ Core Protocol

- ◎ February 16th, 2005





Document Status(1/4)

● Core

- ⊙ Conformance test specification :

- ⊙ fixed

- ⊙ Interoperability test scenario :

- ⊙ fixed

● IPsec

- ⊙ Conformance test specification :

- ⊙ fixed

- ⊙ Interoperability test scenario :

- ⊙ Public review done, Feb. 20th



Document Status(2/4)

- MIPv6
 - ◎ Conformance test specification :
 - ◎ Public Review done
 - ◎ Interoperability test scenario :
 - ◎ Under Public Review, until Mar. 13th
- MLDv1
 - ◎ Conformance test specification :
 - ◎ fixed
 - ◎ Interoperability test scenario :
 - ◎ TBD



Document Status(3/4)

● SNMP

- ⊙ Conformance test specification :

- ⊙ TBD

- ⊙ Interoperability test scenario :

- ⊙ TBD

● MIB

- ⊙ Conformance test specification :

- ⊙ Opened to public

- <http://snmptool.ipv6.chttl.com.tw/>

- ⊙ Interoperability test scenario :

- ⊙ TBD



Document Status(4/4)

● NAT-PT

- ⊙ Conformance test specification :
 - ⊙ Public review
- ⊙ Interoperability test scenario :
 - ⊙ N/A

● 6to4

- ⊙ Conformance test specification :
 - ⊙ Public review
- ⊙ Interoperability test scenario :
 - ⊙ N/A

Transition Technologies were moved to experimental position
NO LOGO



Coming Functionalities

● We can start very soon...

◎ IPsec

◎ March, 2005

◎ MIPv6

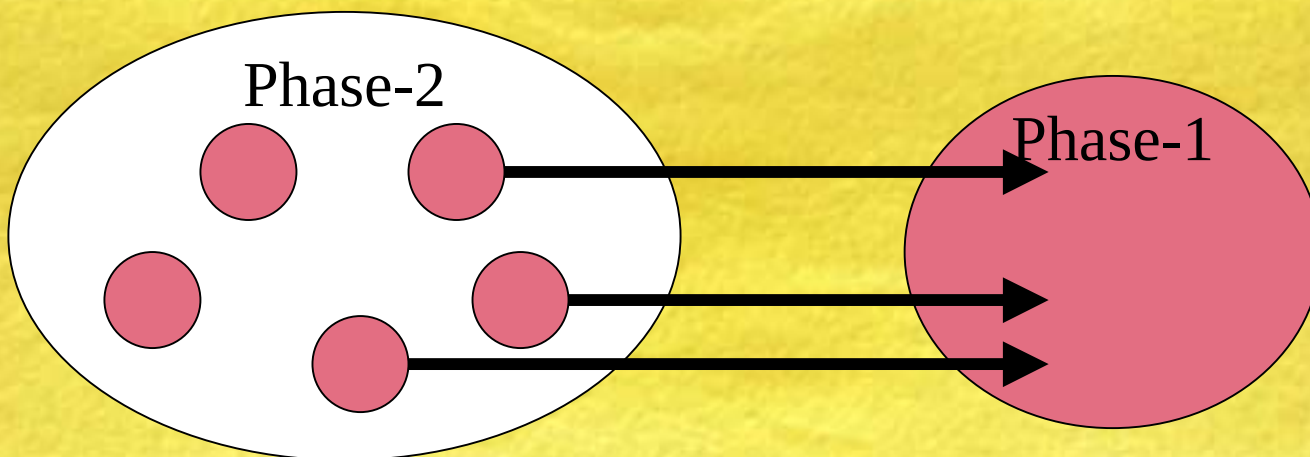
◎ April, 2005





Test Specification/Scenario

- Now Phase-2 test specification/scenario are fixed
- We start to review existing Phase-1 test sequence
- The Phase-2 test specification/scenario will cover Phase-1's





F.Y.I Phase-2 test

- Takes so long time
 - ⊙ Conformance test : more than 10 hours
 - ⊙ Interoperability test
- Interoperability test scenario will be more clarified
 - ⊙ Where the data should be taken
 - ⊙ What kind of data should be taken
 - ⊙ File name syntax
- Interoperable device requirement
 - ⊙ MTU configuration
 - ⊙ Manual Address configuration
 - ⊙ Etc...



Testing Lab.

- TTA(KOREA)

- ⦿ <http://www.tta.or.kr/English/new/main/index.htm>

- BII(CHINA)

- ⦿ <http://www.biigroup.com/>

- NICI(TAIWAN)

- ⦿ <http://interop.ipv6.org.tw/ehome.php>

- UNH-IOL(US)

- ⦿ <http://www.iol.unh.edu/consortiums/ipv6/>

- IRISA(FRANCE)

- ⦿ <http://www.irisa.fr/tipi/>

Good Luck!!

