MIPv6 Interop Remote Testing
IETF#57 Vienna

- Organisations already involved in MIPv6 interop events

- Different types of testing and their benefits

- Call for interest in remote MIPv6

- Remote MIPv6 test plan

- Additional information

Organisations involved in MIPv6 Interoperability events

- ✍ **Connectathon, UNH-Iol, TAHI, ETSI Plugtests recognised interop events by IPv6 Forum for IPv6 ready logo**

- ✍ **ETSI Interoperability service created in 2000 already organised 33 interoperability events in broad range of areas www.etsi.org/plugtests**

- ✍ **3 large interoperability events organised in IPv6 (2000, 2001, 2003) addressing core IPv6, IPv4-IPv6, MIPv6, …**

- ✍ **Next IPv6 interoperability event scheduled 22-26 September at Brussels (www.etsi.org/plugtests)**

- ✍ **First remote IPv6 interop event organised May'03 in paralell with Madrid IPv6 global summit : 7 remote sites US, Asia, EU; 25 companies participating**

Different types of testing :

1) **Event Testing (Connectathon, ETSI Plugtests, TAHI interops, UNH IOL interops)**

   Meeting many partners same time, same place, expert and support available, Conformance tests available

2) **MIPv6 permanent test bed for adhoc remote testing**

   solution permanently available for one-to-one testing and debugging/checking implementation between two large interoperability events. Some resources need to be permanently available

3) **MIPv6 remote event testing**

   short term solution to do remote tests without need to travel and with possibility to do point to multipoints tests. Resources focussed on short tem based events.
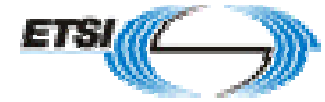
Remote IPv6 test plan

- **First draft of Remote IPv6 test cases available at** http://www.etsi.org/plugtests/docs/R_IPv6/Remote_Test_MIPv6_v2.6.pdf

- **Look for comments and needs**

- **Permanent remote MIPv6 network and/or short term Remote MIPv6 event ? What can be done in remote way ?**

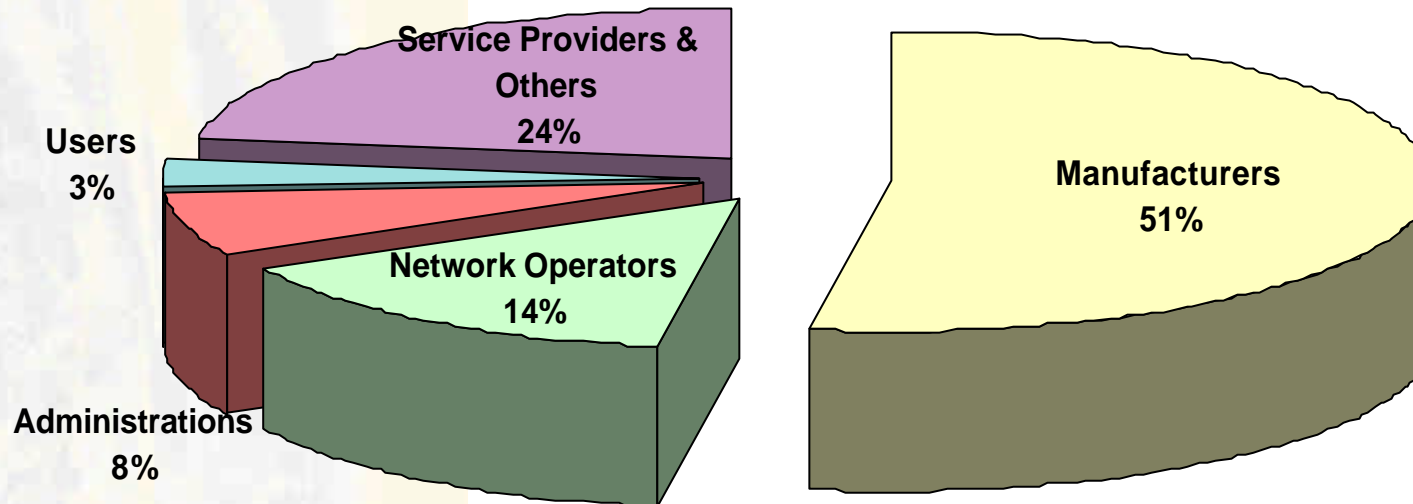- **Come to discuss at a bar BOF on remote MIPv6 Wednesday 17:30-18:30 at registration desk**

ADDITIONNAL INFO

ETSI , a market driven organisation

Membership by Category (11/ 01/ 2002)

768 ETSI members

- **579 Members from 35 European countries**

- **149 Associate Members from 20 countries**

- **40 Observers from 18 countries**

The ETSI interoperability service: a new permanent service since end 2000.

- **Experiment in the period '99 – 2000 the interest to complement the standardisation works using regular meetings by the organisation of « bake-offs » where participants bring implementations/products;**

- **Confirm at the GA 35, nov. 2000, the interest of such service and create a permanent one: the ETSI Interoperability Service;**

- **July 2001: change the name « bake-off », a trade-mark of Pillsbury by « Plugtests »**

- **At July 2003, 600 companies send about 2000 engineers to 32 interoperability events**

Some examples: DSL, Bluetooth, IPv6, SIP

SEE MORE AT WWW.ETSI.ORG/PLUGTESTS

Come to the
4th IPv6 interoperability event

22-26 September 2003, Brussels , Plaza hotel

-world wide event

-Test teams on-site from UNH(US), TAHI(JP),IRISA(EU)

-Tests on IPv6, MIPv6, transition mechanisms, routing

-Get your IPv6 logo developed by IPv6 Forum

3rd IPv6 interoperability event September 2002

GO TO **WWW.ETSI.ORG/PLUGTESTS** or directly at

www.etsi.org/plugtests/02UpcomingEvents/IPv6_Bruxelles/IPv6_home.htm

31 ETSI Interoperability events organised (at May'03):

- VoIP Telephony & Multimedia (5 events)
- Bluetooth (4)
- IPv6 (3+ 1 remote)
- Speech Quality (2)
- OMA SyncML (2)
- SIP (2)
- SCTP/SIGTRAN (3)
- Smart Card (2) including Javacard
- Hiperlan2 (2)
- J2ME (1) – new concept of Virtual interoperability event
- DSL (1)
- OMA IMPS (Wireless Village) (1)
- OSA- Parlay