

## Addendum DELIVERABLE 2.1

### Addressing plan summary

The addressing plan summary serves as a quick reference of the IPv6 addresses used by the partners of the 6InIt project.

Participant	Used IPv6 addresses	Remarks
T-Nova, Berkom	3ffe:400:d0::/48 (6bone pNLA) 3ffe:80a0::/28 (6bone pTLA)	Berkom has successfully applied for a pTLA
BT	2001:0618::/35	2001:0618:0005::/48 – 6init specific addresses
Ericsson	3FFE:100::/24	
IABG	3ffe:400:370::/48	may use pNLA-address from T-Nova Berkom
Intracom	3ffe:2d00:24::/48	
Telscom	2001:618:2::45	SLA of BT
Telia	3ffe:200:4::/48	
UoS	3ffe:803c:80::/34 2001:0630:1fff:/48	
NTT	2001:218::/48	
Thomson-CSF Detexis / 6WIND	2001:0660::/35 3FFE:0304:0107::/48	Renater 2 network 6bone
CRC	2001:0410:0410::/48	
erFP		May use addresses from Telia

### List of Implementation

This list serves as a reference for the Implementations that are undertaken in the context of the 6InIt project (Software and Hardware).

Implementation	Participant in charge	Remarks
Linux IPSec FreeS/WAN IPv6	IABG	Adaptation of the FreeS/WAN solution to provide IPSec for IPv6 under Linux
Additions to Ultima (IPv4/IPv6 Interworking Device): SIP ALG, DNS Relaying, DSTM	BT	May be used by the participants of the project free of charge
NAT-PT	Ericsson	Implementation of NAT-PT in their Telebit-Router family

VoIP (Media Gateway)	Ericsson	Implementation of VoIP-functionality in their Telebit-Router family
ErDOT, Online Trading Application	erFP	Requires Java IPv6 functionality
Mbone Tools	UoS	
Audio streaming tools	UoS	
News on Demand	Intracom	Requires Java IPv6 functionality
Publishing	Netmedia	Delivering of timecritical and secured printing data via FTP

## Guaranties about the use of third party network facilities

The 6InIt project has been recognised as an important European research project. And therefore is allowed to use the available European research network infrastructure for the lifetime of the project.

It has been granted usage of the TEN-155 infrastructure of the Quantum project by DANTE. Dai Davies, General Manager of DANTE, has made the following statements in an email towards 6inIt on the 21th of September 1999:

“I would very much encourage the use of TEN-155 to support the IPv6 activity.

This is precisely what we have been seeking to achieve with the Managed Bandwidth Service and it has proved very effective in a number of Commission projects.

You asked for a written statement that the 6INIT Consortium can utilise TEN-155. The answer to this simple question is yes. We have provided connectivity in all of the locations mentioned, with the exception of Finland,...

and later on he states:

„...I am keen to continue the co-operation on IPv6. ...“

## Estimation of actual IPv6 routers

The participants are currently active in setting up their local network infrastructure. The actual number of IPv6 routers will be fixed in WP4 “Trials”. Until then it is safe to assume that every participant has at least 2 IPv6 routers available for the use of the project.

A detailed list of equipment will be assembled in WP3 “Plattform Implementation”.

Participant	Number of Routers	Vendors, Models
T-Nova Berkom	5	Cisco, Telebit
BT	6	Telebit, Cisco, ...

IABG	5	Cisco, Telebit
Intracom	-	Telebit AX1462
UoS	-	Telebit, FreeBSD
erFP	3	Telebit
Thomson-CSF Detexis / 6WIND	3	Cisco, FreeBSD

## Estimation of actual host systems

The participants are currently active in setting up their local network infrastructure. The actual number of IPv6 host will be fixed in WP4 "Trials". Until then it is safe to assume that every participant has at least 4 IPv6 end-systems available for the use of the project.

A detailed list of equipment will be assembled in WP3 "Platform Implementation".

Participant	Number of Endsystems	Operating Systems
T-Nova Berkom	8	Linux, MS-NT, FreeBSD, Solaris
BT	10	Linux, MS, FreeBSD, Solaris
IABG	4	Linux, MS-NT, ...
UoS	>>10	-
erFP	4	MS-NT