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IETF(Internet Engineering Task Force)   ,

IRTF(Internet Research Task

Force)   .   IRTF

IRTF

IETF

IRTF RRG(Routing Research Group,   )   .

IRTF   RRG   .   3

71   IETF   1,250   e-mail

. RRG

- •   :

- •   :

- •   :

renumbering

- •   :

- •   (Locator)   (Identifier)   :   IP

-                  :

                 RRG

                 Locator   Identifier   < 1>
separation   elimination   .

<   1> IRTF RRG

Separation ( )	**APT** (A Practical Transit-Mapping Service)	Map & Encapsulation
	IVIP (Internet vastly improved plumbing)	
	LISP (Locator/ID Separation Protocol)	
	TRRP (Tunneling Route Reduction Protocol)	
	Six/One Router	Map & translation
Elimination ( )	**SHIM6**	Shim layer
	Multipath transport	Transport layer
	ILNP (Identifier Locator Network Protocol)	Address separation

(http://trac.tools.ietf.org/group/irtf/trac/wiki/RoutingResearchGroup   )

72   IETF   ILNP

      7   72   IETF   ILNP(Identifier Locator Network
Protocol)   1990   IP   Locator   Identifier
                   .   IPv6   '8+8   '
                 .

<   1> ILNPv6   . ILNPv6   Locator   IPv6   '
      '   .   '
                 .   Identifier   IPv6
   '   ID'   .

<   1> ILNPv6

IP   ILNP   IP
Locator   ,   Identifier   . ILNP
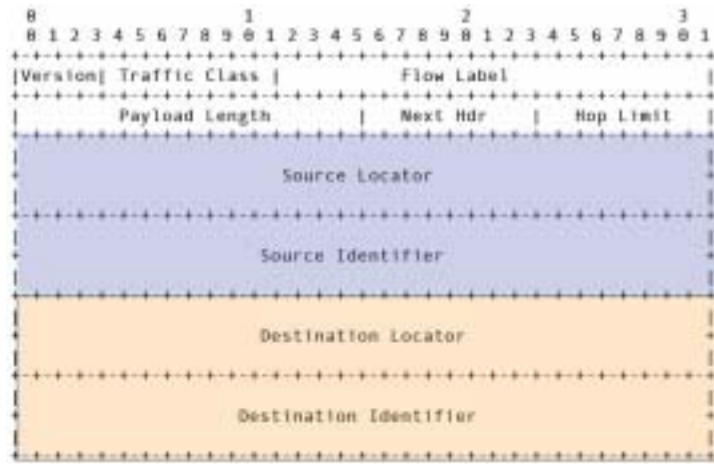   (built- in/native)

                                          .   DNS(Domain Name System)

          I(Identifier), L(Locator), LP(Locator Pointer)   3   DNS
            .

    ILNP   TCP   IPv6   ,
       IPv6   ,   ,   (Neighbor Discovery, ND)
       IPv6   .

                                               .   ,

                 .

    IRTF RRG   3   .   IETF
                                                           .   IRTF

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                                       .   NSF(National
Science Foundation)   FIND(Future Internet Design)   RiNG(Routing in Next
Generation)   .

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                                 .

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