

[BcN] MPLS

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ITU-T NGN-GSI

MPLS-MOB

NGN,

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Y.MPLS-Mob

'Y.mpls-mob

Section 8

'Y.mpls-mob

Section 8.3

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가

, Editor

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Mobile Service

가

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(Initial Location Registration)

1

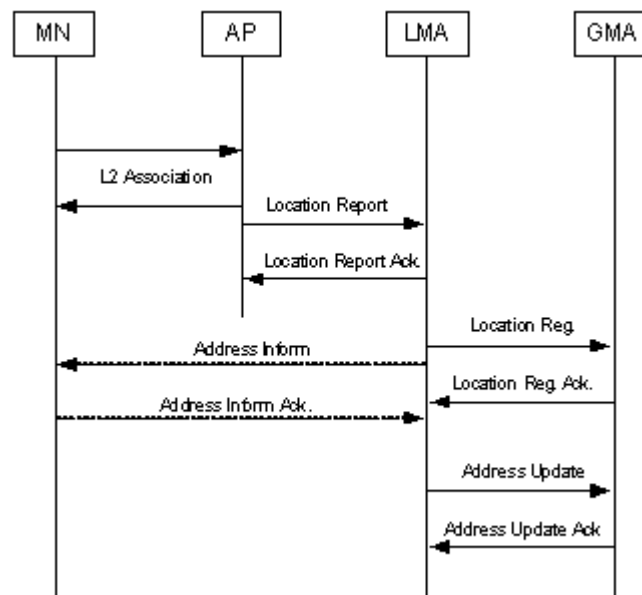
, LMA(Local Mobile Agent)가 MN(Mobile Node;

(proxy)

Address Inform

Address Inform

Ack



< 1>

MN

AP(Access Point)(#1)

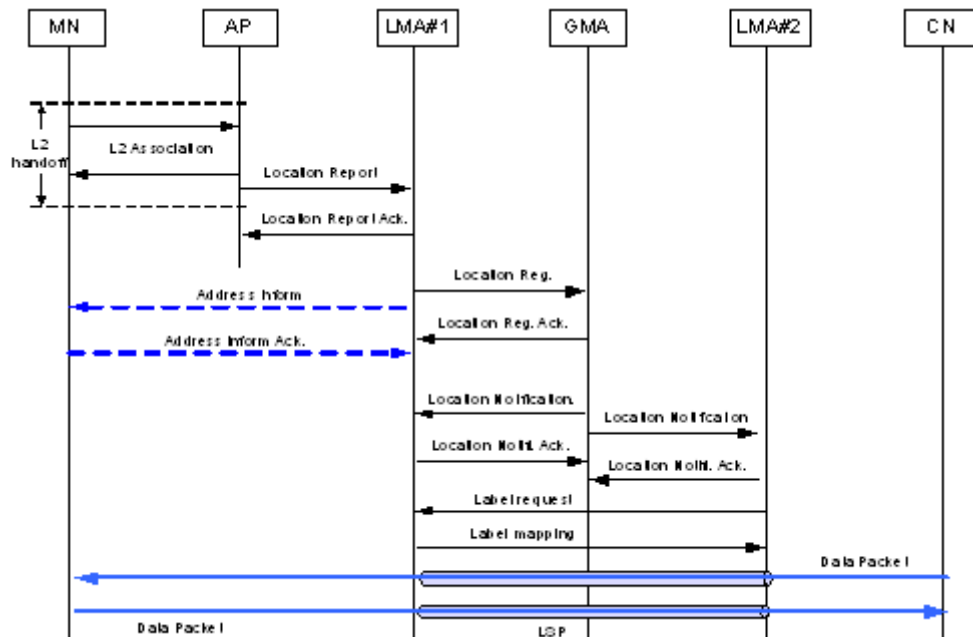
, MN AP#1

L2(Layer

2) Association . AP#1 MN MAC L2 , MN
L2 LMA#1 Location Report , L-AMT(Local
Address Management Table)가 LMA#1 MAC
IP_LA(IP Local Address) MN L2 L3(Layer 3) ,
LMA LMA#1 GMA(Global Mobile Agent) LSP(Label
Switched Path) GMA MN L2 L3 Location Registration
.
LMA#1 Location Registration , C-AMT(Central Address
Management Table) MN L2 L3 GMA .
GMA LMA#1 Location Registration Ack . , GMA LMA IP
. GMA , MN LMA#1 Address Inform
LMA#1 MN IP_PA Address Inform Ack
. LMA#1 Address Inform Ack , LMA#1 GMA MN
IP_PA Address Update .
GMA MN L2 L3 LMA IP ,
LMA L2 MN (connection) . GMA
LMA 가 .

• (Location Update)

2 MN AP , L2
. MN AP AP , L2 MN
AP . L2 , AP MAC
MN L2 , LMA#1 MN L2 Location Report
. AP LMA#1 L-AMT MN
(record) , MN L2 IP_LA . LMA#1 GMA
LSP GMA MN L2 IP_LA Location
Registration . , LMA#1 MN MN IP_LA
Address Inform . AP LMA가 MN
, MN AP Address Inform/Address Inform Ack
.
LMA#1 Location Registration GMA G-AMT MN
, CMT(Connection Mapping Table) MN IP_PA(IP Permanent
Address) CN(Correspondent Node) . LMA#1 MN IP_PA
IP_LA/CN IP_PA IP_LA Location Notification . ,
GMA MN CN MN IP_PA IP_LA Location
Notification . MN CN 가 .



< 2>

L2 MN LMA#1 (address exchange process)

MN . MN

LMA GMA .

, LSP가 LMA GMA . , LMA GMA

, LMA GMA

LSP가 LSP (Setup) .

• / (Location Query/Response and User Data Transport)

3 MN CN GMA MN CN

. MN , CN

MN IP_PA CN IP_PA . MN

IP_PA (destination address) , CN IP_PA (source address)

LMA#3 MN , LMA#3 L-AMT MN IP_LA

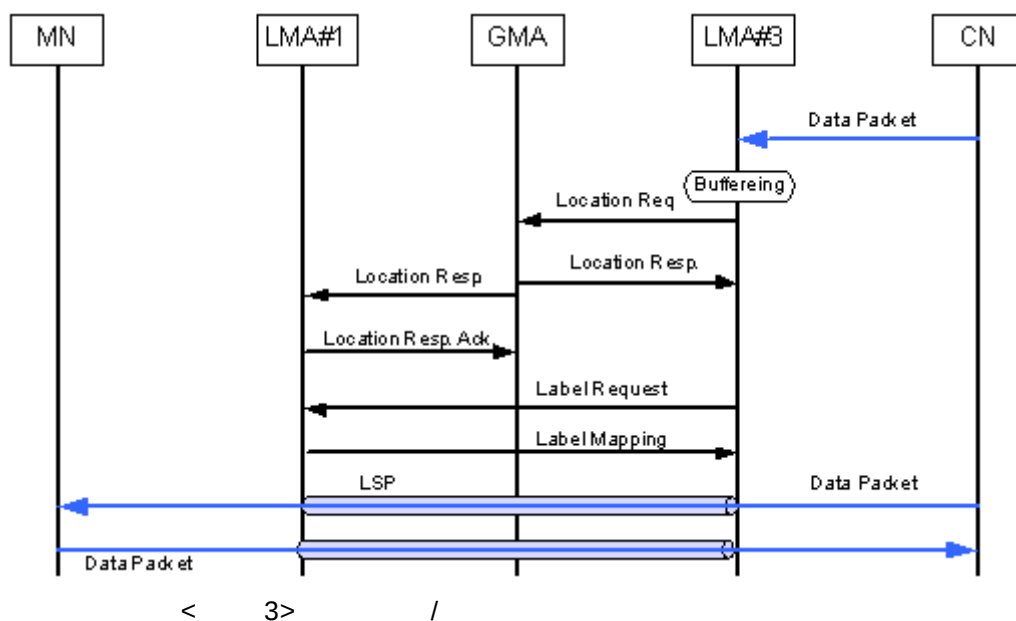
. LMA#3 MN IP_LA , LMA#3 MN IP_LA

GMA MN CN IP_PA Location Request .

GMA가 , GMA MN IP_LA , CMT MN CN IP_PA

(mapping) . , GMA LMA#3 MN IP_PA

IP_LA Location Response , GMA LMA#1 CN
 IP_PA IP_LA Location Response
 LSP MN CN
 CN MN , LMA#3 LMA#3
 , MN IP_LA , CN
 IP_LA (capsulation)
 LMA#3 MN MN
 (decapsulation) , MN (connection) CN
 MN LMA#1



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