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(WiBro) IEEE 802.16 (1)
(2) , IP(3) IEEE
802.16 (packet encapsulation) 가 . IEEE 802.16
"Convergence Sublayer(CS)" ,
CS 가 . IPv4
IPv4 CS, IPv6 IPv6 CS, (Ethernet)
Ethernet CS .
CS , IEEE 802.16
IP CS
, IETF(Internet Engineering Task Force) 16ng(IP over IEEE 802.16
Networks) . CS IP
, 16ng CS
가 , CS .

IETF IAB(Internet Architecture Board) "Multiple Encapsulation
Methods Considered Harmful" RFC4840 가 , 16ng
IEEE 802.16 RFC4840
 IEEE 802.16 CS ,
" IP
(encapsulation) " . ,
IEEE 802.16 CS (LAN) Ethernet
IPv4 Ethernet CS IEEE 802.16 , Ethernet
IP (IPv4 CS) IEEE 802.16 .
IEEE 802.16 가 RFC4840 ,
16ng CS .

• **Generality:** 가? 가 IEEE 802.16 CS .
, IEEE 802.16 CS . IPv4 IPv4

CS가 , IPv6 IPv6 CS가 .
 Generic Packet CS
 , IEEE 802.16 . 802.16
 CS가 CS
 ,
 .

- **Independence:** .
 CS IEEE 802.16 (classification)
 IPv4 CS
 IPv4 IEEE 802.16 .
 (eg., TCP),
 (encryption)
 ,
 ,
 IEEE 802.16
 3GPP LTE .

- **Interoperability:** CS가 가?
 CS , CS
 Ethernet (encapsulation)
 IPv4 Ethernet CS , IPv4 CS .
 Ethernet CS 가 , IPv4 CS
 가 ,
 (roaming)
 16ng CS
 CS가
 , CS (negotiation)
 . IEEE 802.16 "mandatory CS"가
 CS
 /
 가 가 IEEE 802.16
 , CS가 .

RFC4840

"mandatory"

IEEE 802.16

RFC4840

가

, 16ng RFC4840

(

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