

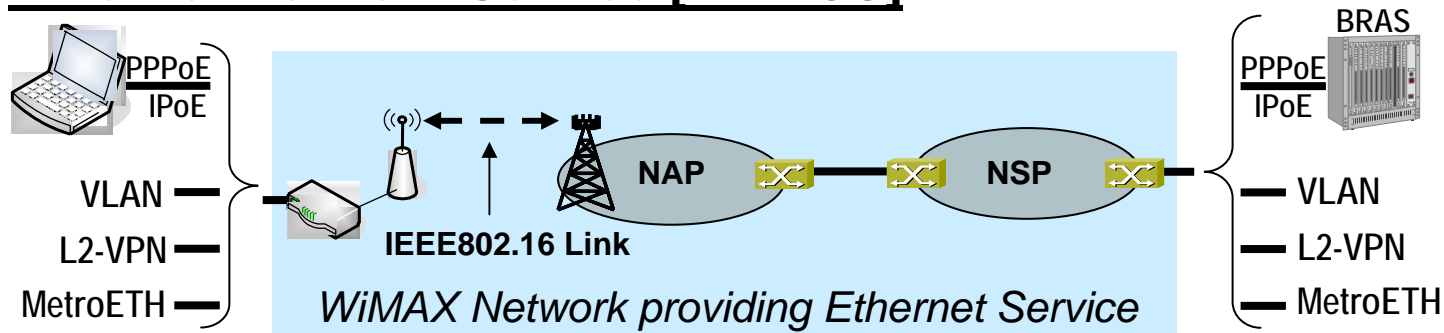


IEEE802.16 fixed/nomadic IP deployment

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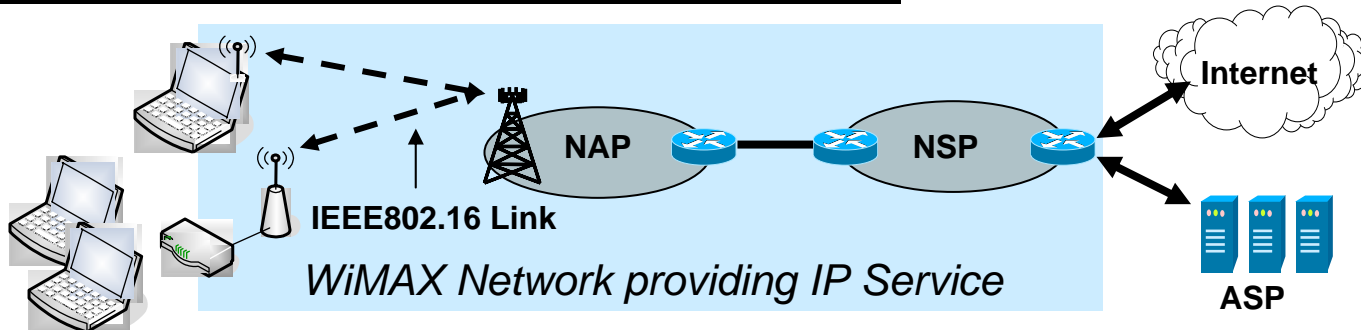
ETH and IP support of IEEE802.16

Ethernet Network Service [ETH-CS]



- The WiMAX network provides plain Ethernet connectivity end-2-end.

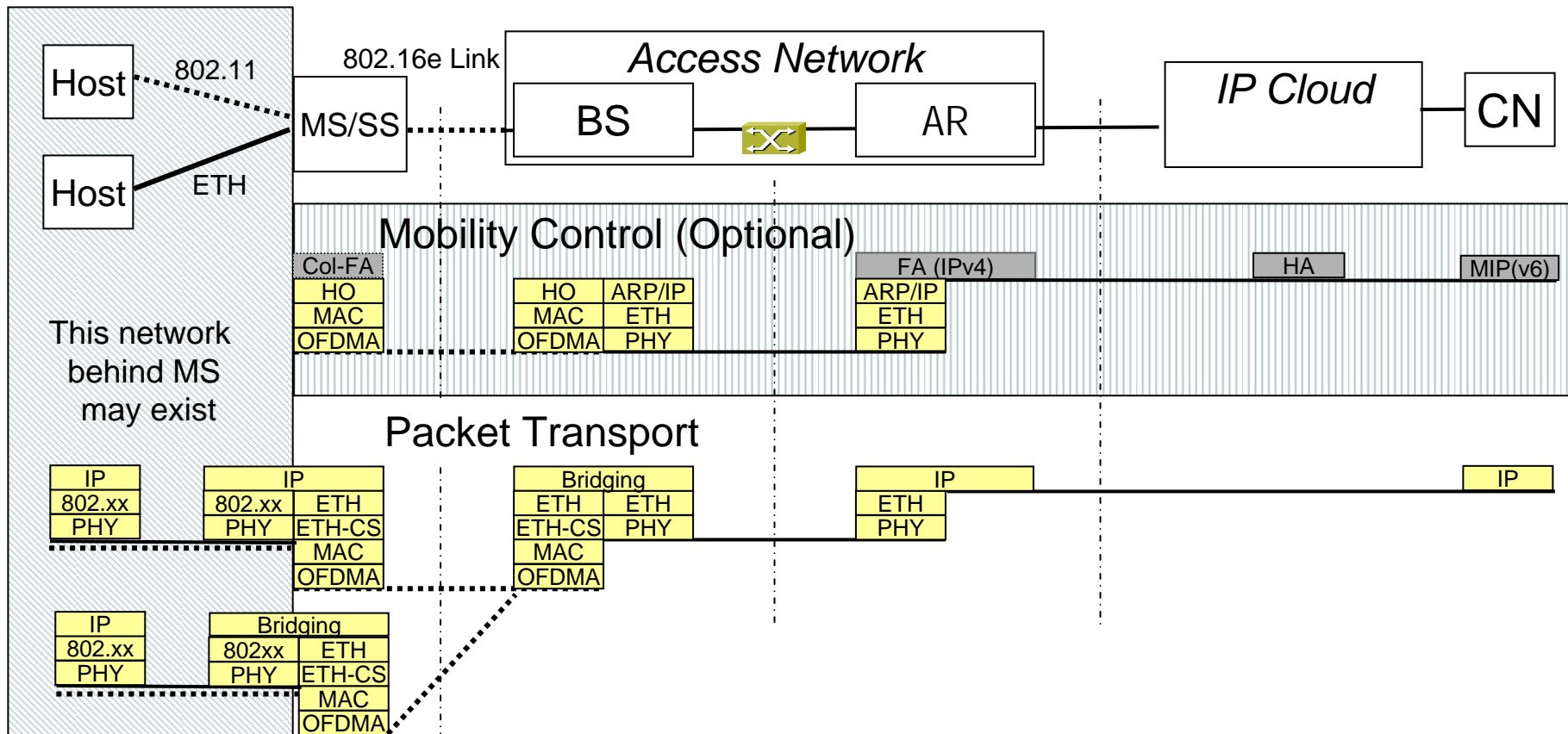
IP Network Service [IP-CS/IPoETH-CS]



- The WiMAX network provides IP connectivity to the Internet and operator services for single hosts or multiple hosts behind a gateway.

Scope of 16ng

IEEE802.16e Fixed/Nomadic Network



- ❑ Switched AN uses ETH switching functions to realize link layer transport & mobility inside AN
- ❑ Proxy-ARP and ARP filtering and other methods to reduce broadcast/multicast overhead, especially over the airlink.
- ❑ Depending on needs, FA may be deployed or Co-located FA/CoA mode can be used.