

Separation of Control and User Plane for Proxy Mobile IPv6

IETF 88

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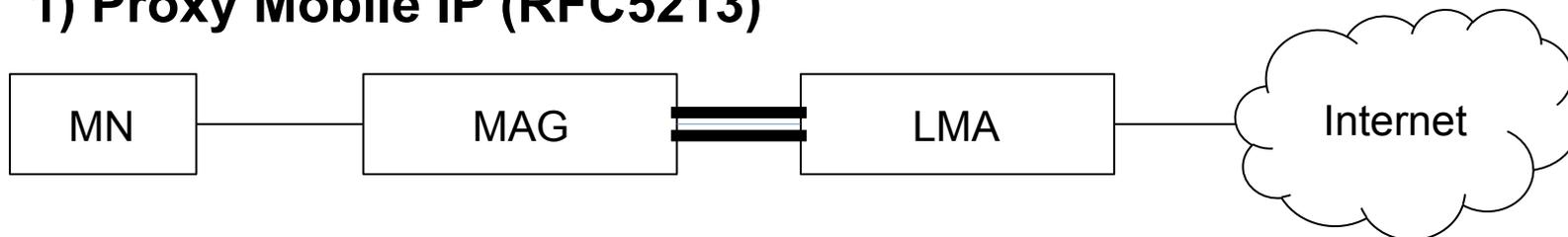
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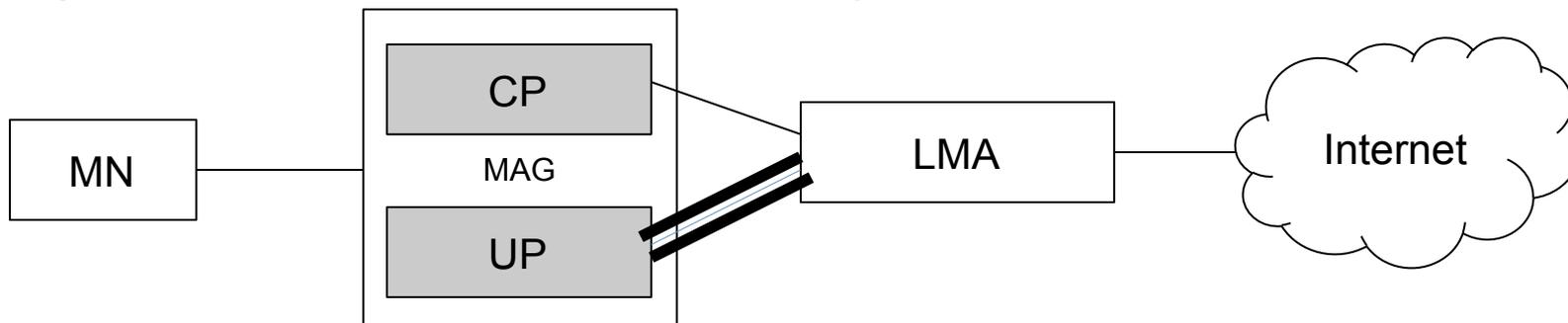
Motivation

1) Proxy Mobile IP (RFC5213)



Needed: user-plane and control plane separation between MAG and LMA

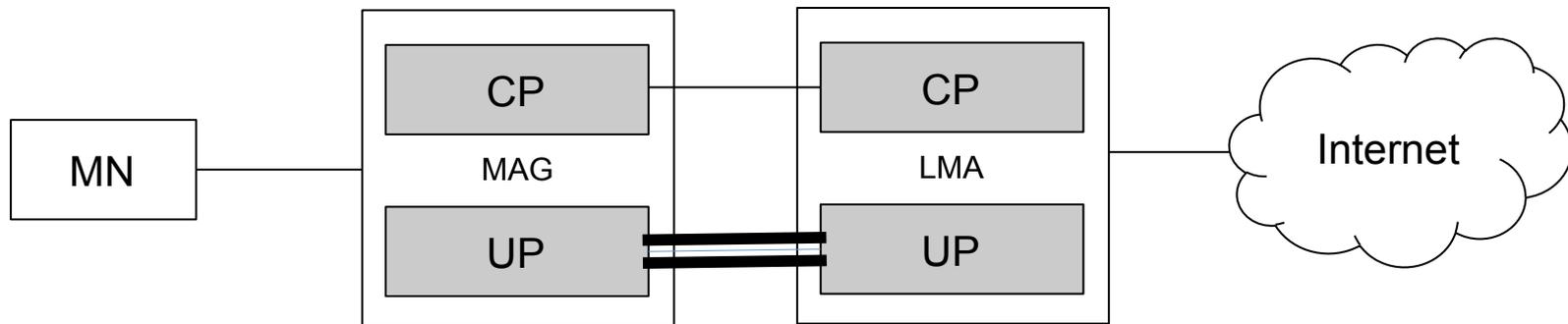
2) Can use Alternate CoA mobility option for separation at MAG



Need separate user plane connection between MAG and LMA

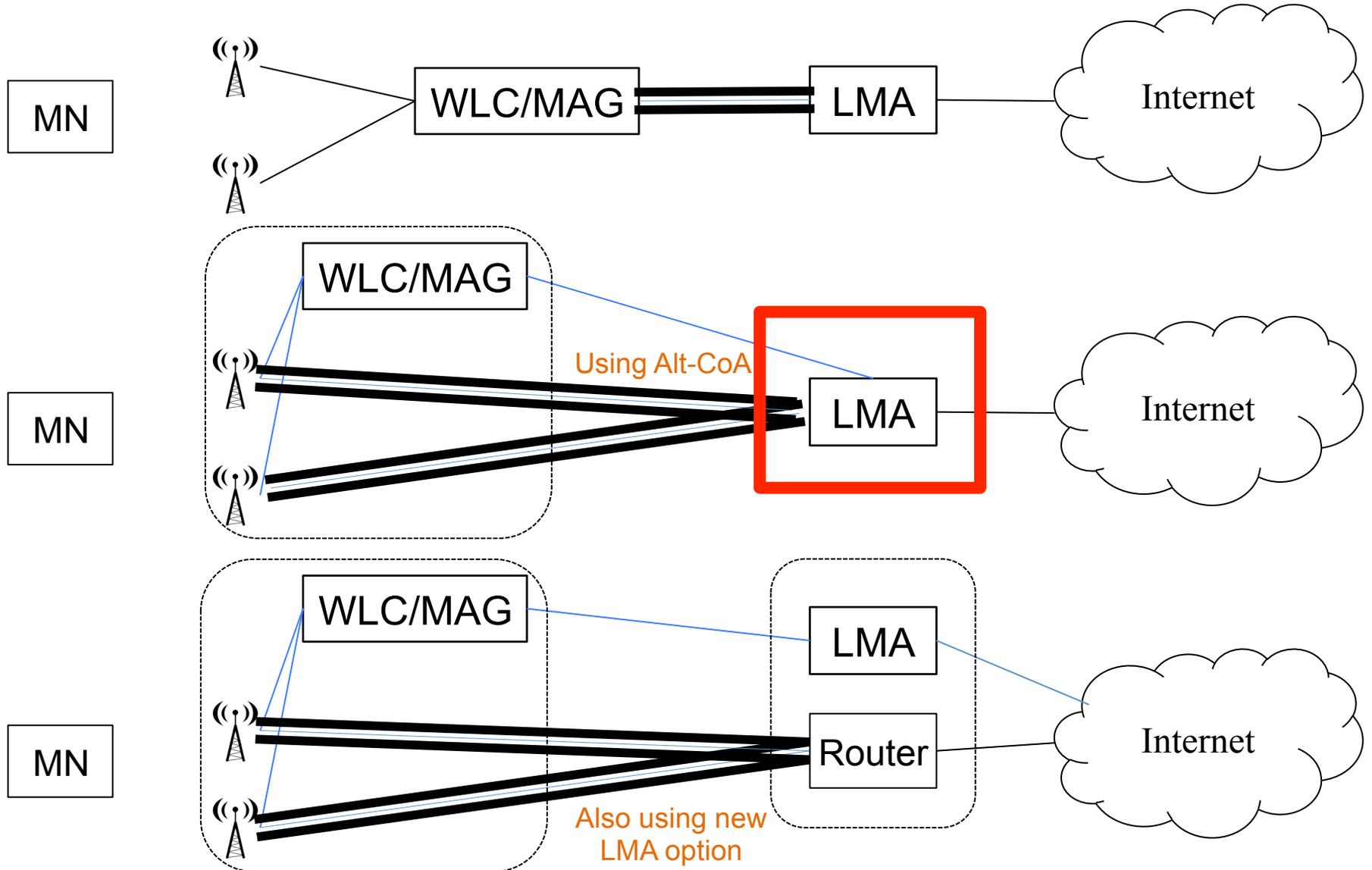
- **3) LMA User Plane Address Mobility Option**

- **A new message is needed to enable separation at LMA.**



Use Cases: Service Provider WiFi

“WLC”: Wireless LAN controller



Next Steps

- Currently netext working group draft (thanks!)
- There is good support on mailing list.
- An editorial revision will be submitted by next week
- If there are no technical issues, will be ready for last call afterwards.