

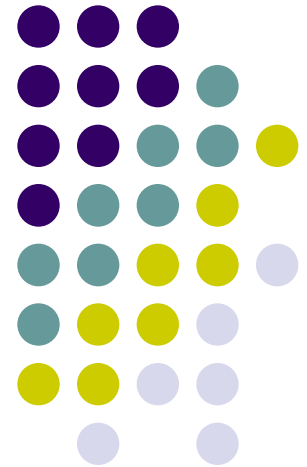
Distributed Mobility Management Protocol for WiFi Users in Fixed Network

Behcet Sarikaya (sarikaya@ieee.org)

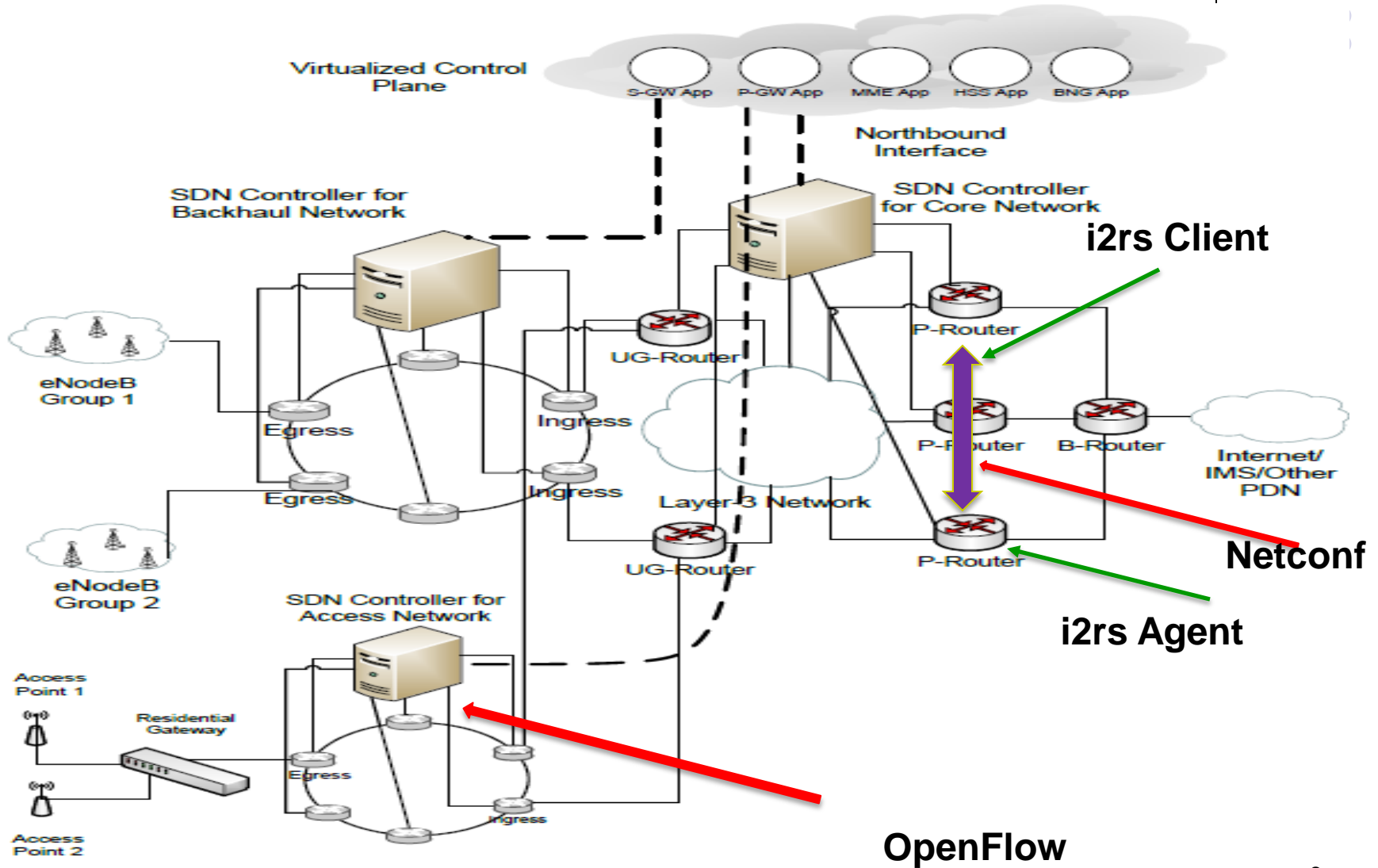
Li Xue (xueli@huawei.com)

IETF 93

draft-sarikaya-dmm-for-wifi-03



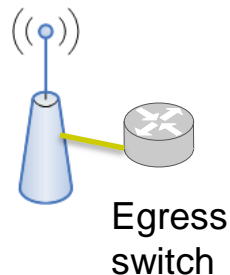
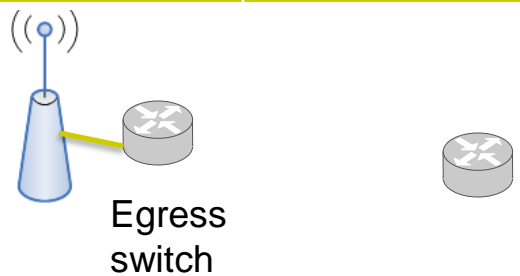
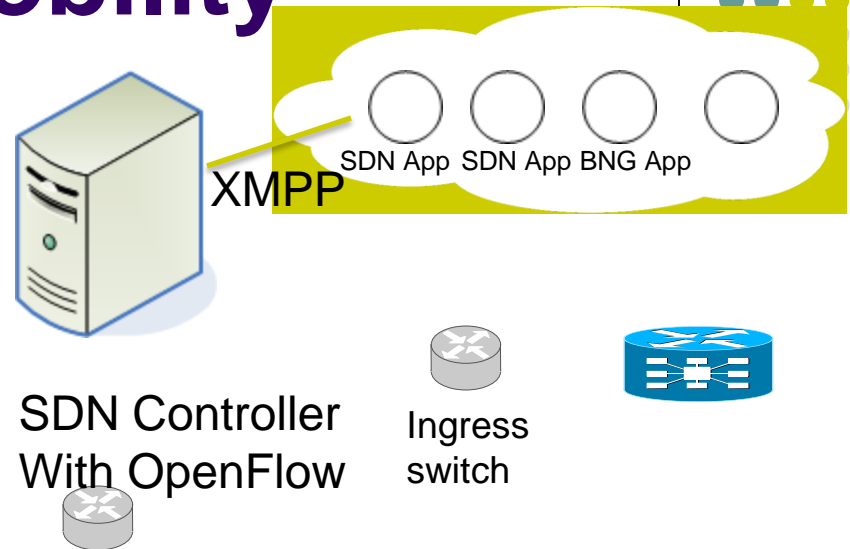
DMM for WiFi



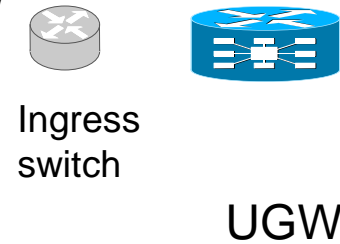
Layer 2 Mobility



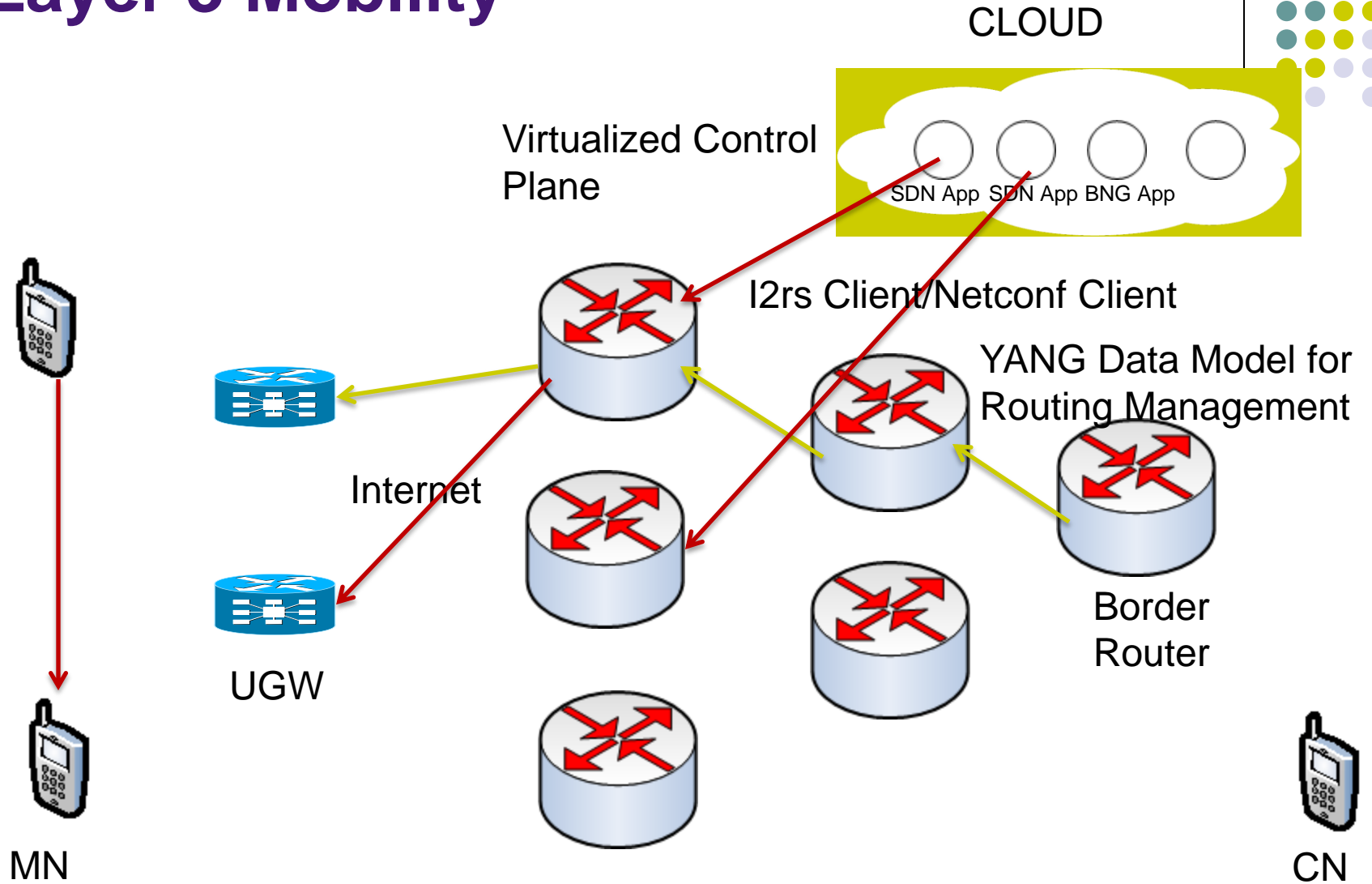
Mobility Table	
MN IP Address	RG MAC Address



Track MN mobility and modify closest UGW
Calculate shortest path to closest UGW



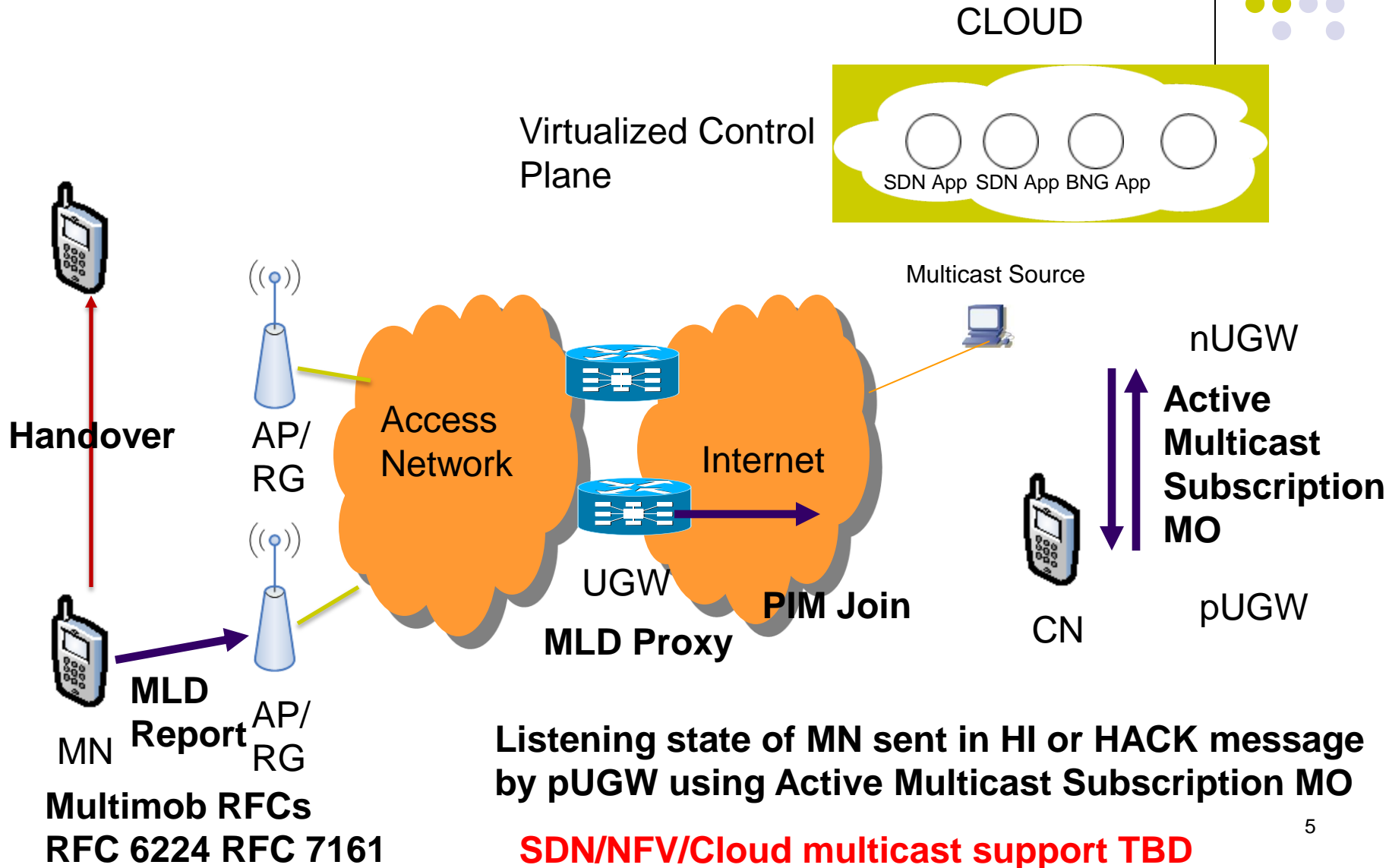
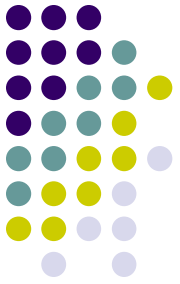
Layer 3 Mobility

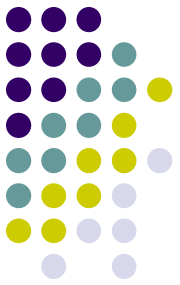


Routing Elements with i2rs Agents/Netconf Server

Establish host routes if MN prefix is not topologically correct

DMM4WiFi Multicast Support





Conclusions

- Clarified SDN model for Layer 2 and Layer 3 route management
- Added Multicast support