

IETF-115 IPMON Side Meeting

Vehicular Mobility Management in IPv6 Moving Object Networking

draft-jeong-ipwave-vehicular-mobility-management-08

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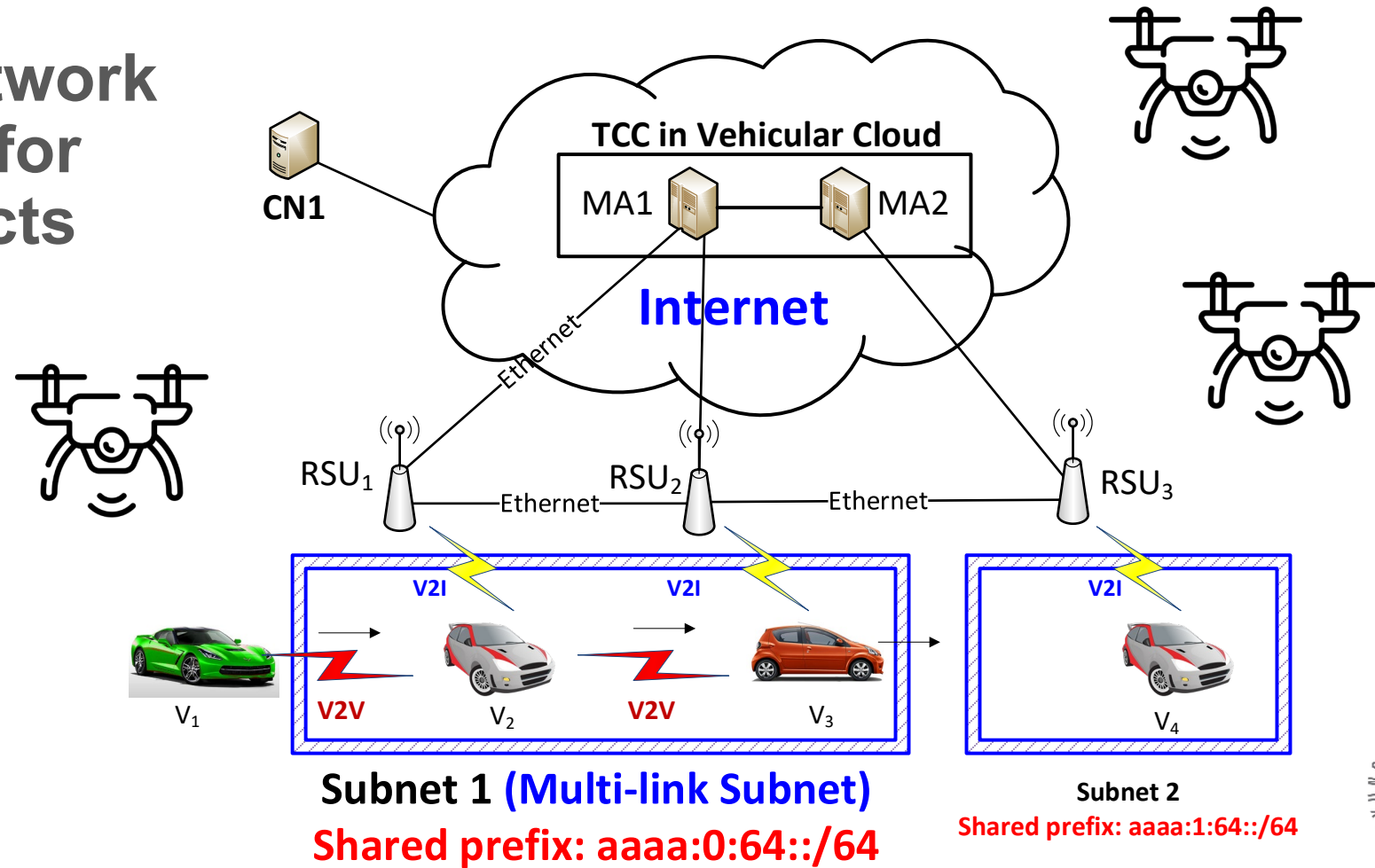
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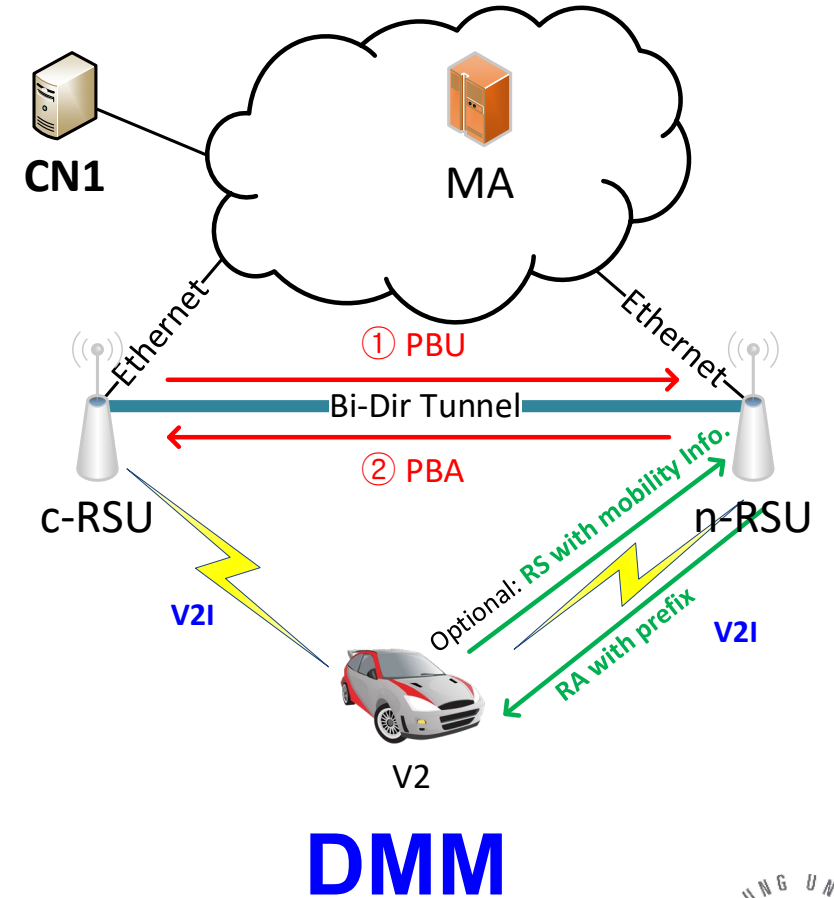
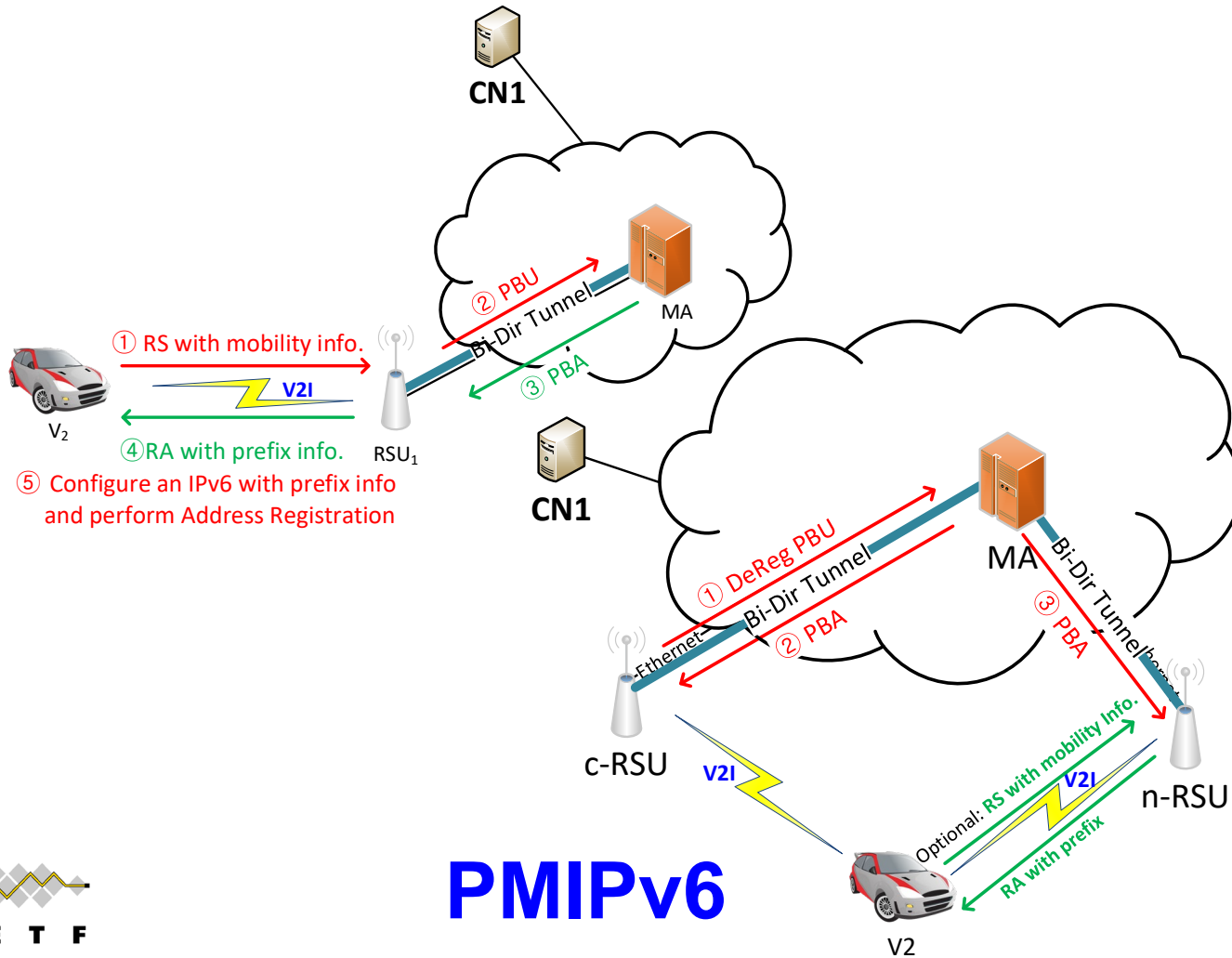


Vehicular Mobility Management (VMM) in IPMON

- Vehicular Network Architecture for Moving Objects



Possible Solutions for VMM in IETF



Key Observations

- **Mobility Management in 5G V2X for the communications between a VehUE and a server in a Data Network (i.e., Internet).**
 - How to manage mobility of vehicles that have connections with a server while they are moving along their moving paths?
- **For the efficient mobility management, do they share their mobility information with infrastructure?**
 - How to share mobility information (e.g., position, direction, speed, and trajectory) with vehicular cloud (e.g., traffic control center) for proactive handover?

Thanks!



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IETF 115



5