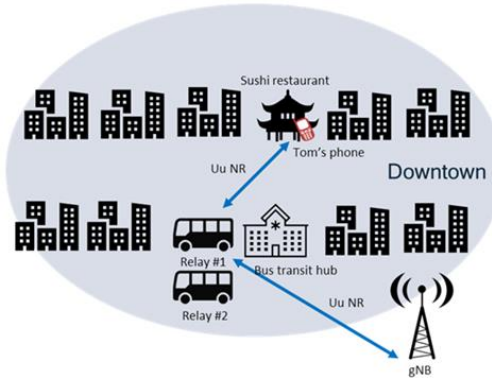# Service continuity during handover --- VMR
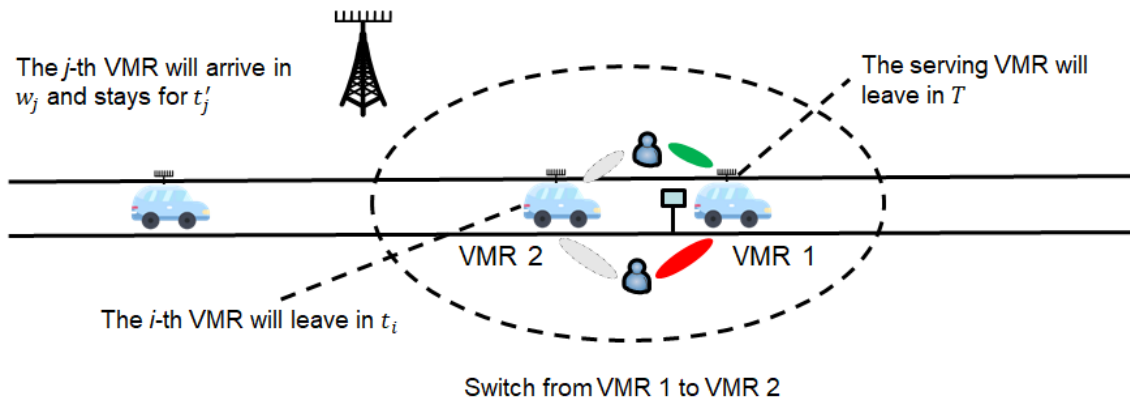
Scenario:

Service continuity during handover in VMR.

Vehicles are predictable
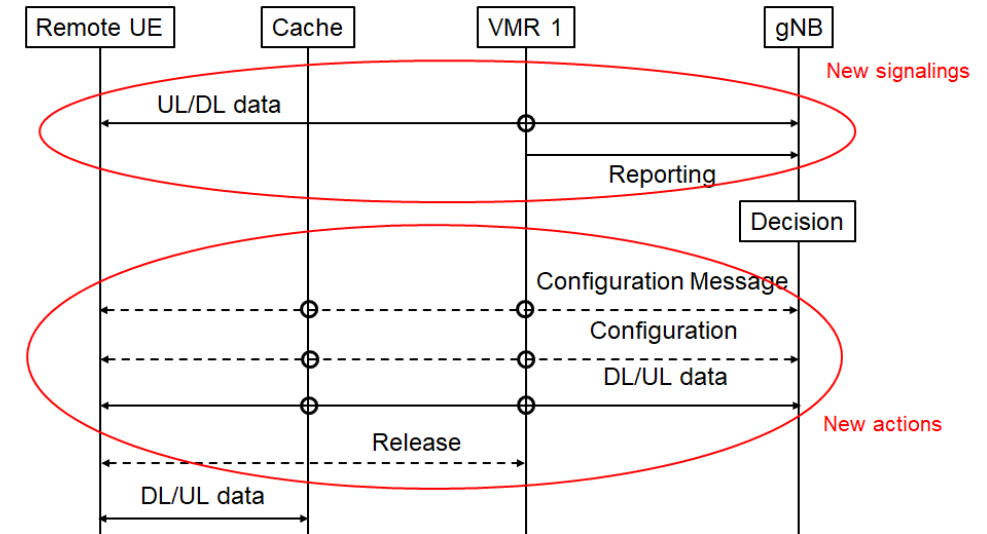

Real-time and non-real-time service (Caching):

The j-th VMR will arrive in w_j and stays for t'_j

The serving VMR will leave in T

VMR 2   VMR 1

The i-th VMR will leave in t_i

Switch from VMR 1 to VMR 2

1. Caching is considered: extra information (B, r, w_j, t'_j) needs to be added in

2. **New signaling** in uplink to transmit T and t_i (periodically or triggered)

Procedure: switch from VMR to Cache

3GPP spec:

SA: SI (SP-211599) "*Study on Architecture Enhancements for Vehicle Mounted Relays*"

RAN: WI (SP-213601) "*Mobile IAB*"

11/20/2022