

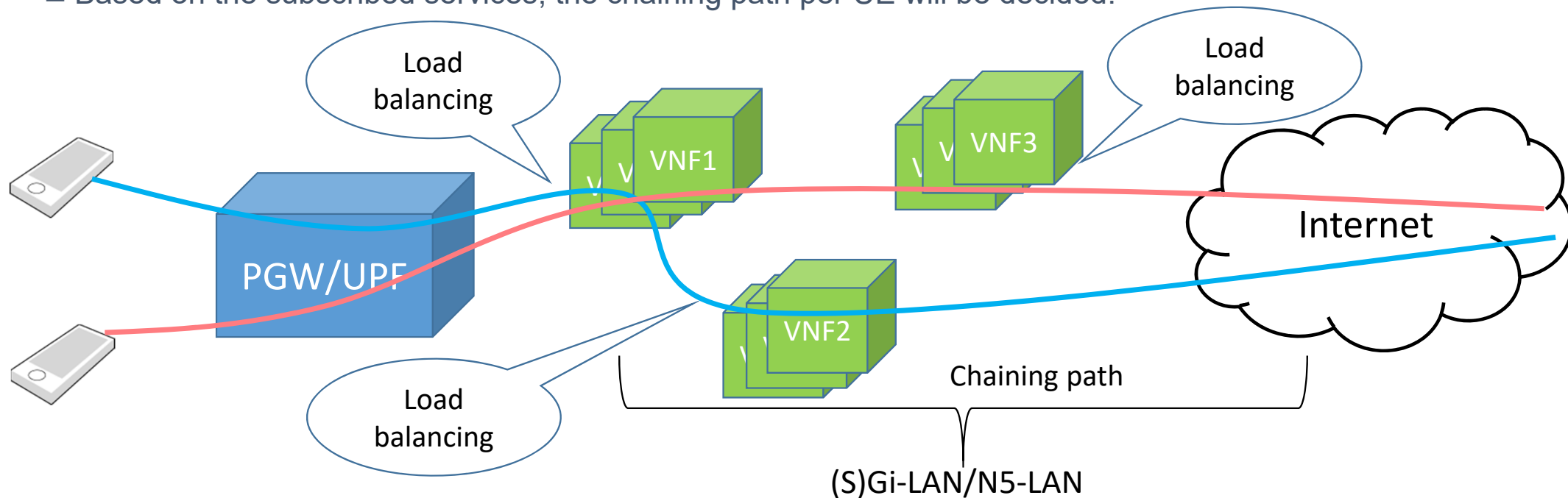


Proposal of Mobile Service Chaining Usecase for ONAP

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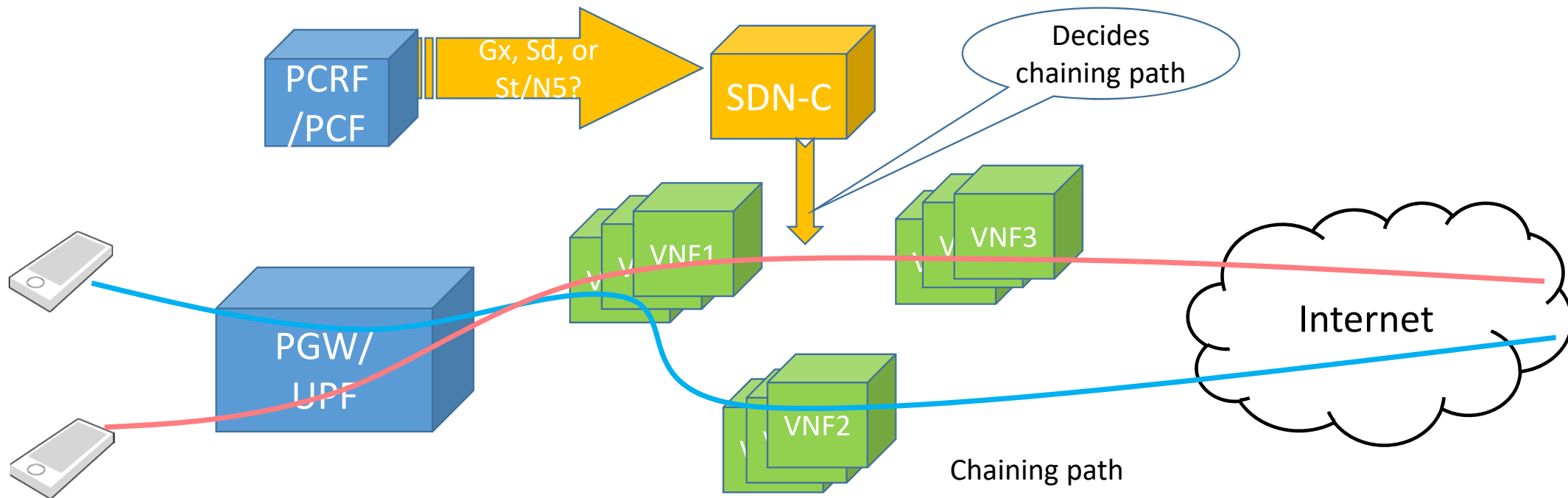
Overview of Service Chaining

- Service component (e.g., DPI, web cache) is located in (S)Gi-LAN/N5-LAN
 - We assume that routing for VNF 1,2,3 is executed by SDN-based technology
 - In actual network, multiple same types of VNFs will be prepared.
 - Based on the subscribed services, the chaining path per UE will be decided.



Utilizing ONAP for service chaining operation^①

- SDN-C controls the chaining path based on the information from PCRF.
 - (One of candidate solution) SDN-C or ONAP external API supports 3GPP interface.



Utilizing ONAP for service chaining operation②

- For service chaining operation, not only VNF maintenance but also the routing maintenance is required
- We want close loop mechanism for service chaining operation
 - Policy Framework, DCAE, and Service Orchestration Project may be upgraded.

