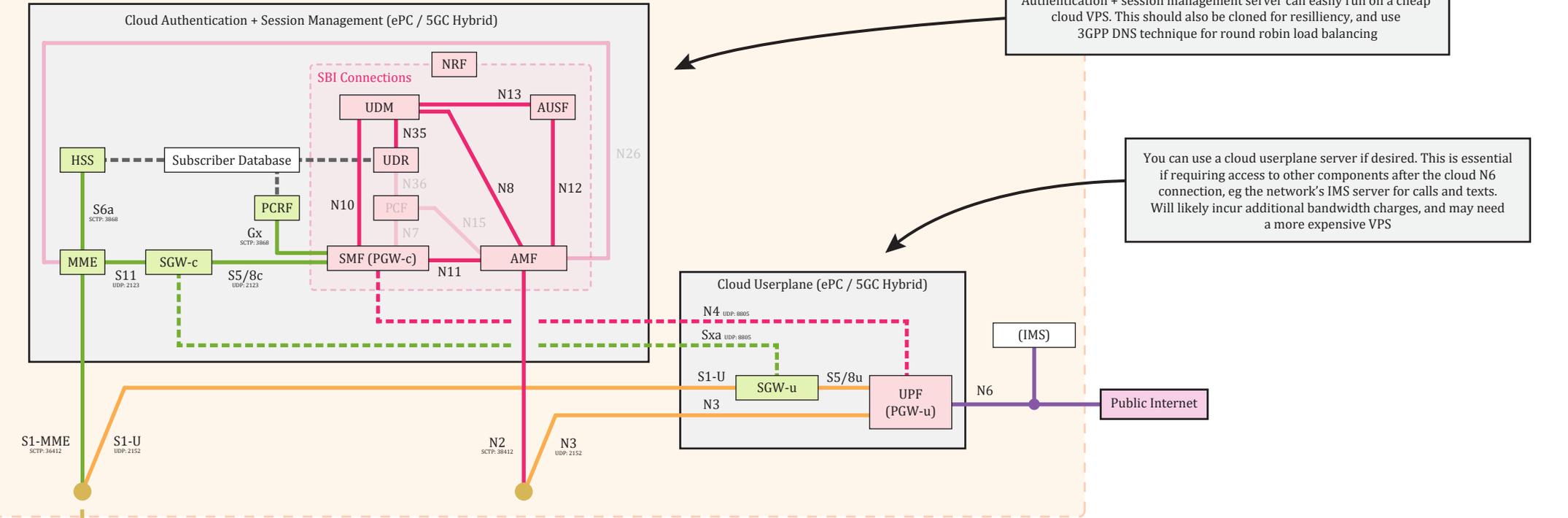
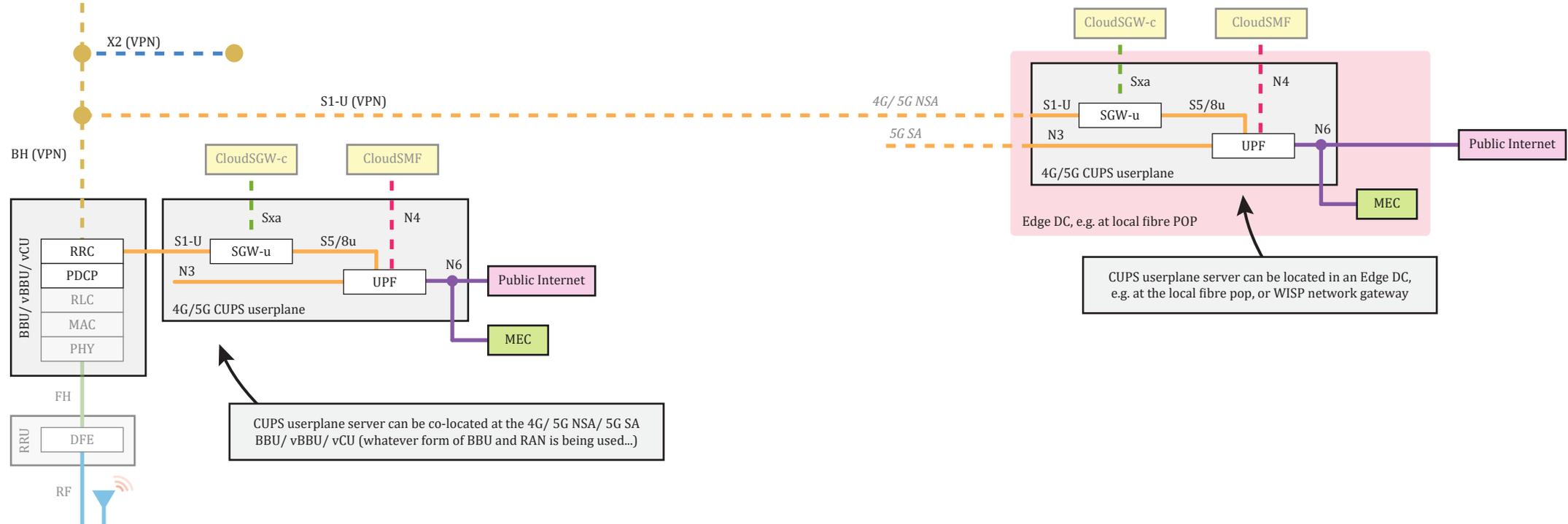


Hybrid 4G/5G Core Network



Authentication + session management server can easily run on a cheap cloud VPS. This should also be cloned for resiliency, and use 3GPP DNS technique for round robin load balancing

You can use a cloud userplane server if desired. This is essential if requiring access to other components after the cloud N6 connection, eg the network's IMS server for calls and texts. Will likely incur additional bandwidth charges, and may need a more expensive VPS



CUPS userplane server can be located in an Edge DC, e.g. at the local fibre pop, or WISP network gateway

CUPS userplane server can be co-located at the 4G/ 5G NSA/ 5G SA BBU/ vBBU/ vCU (whatever form of BBU and RAN is being used...)