### How does our prototype work?

Two mesh routers will interconnected with wireless backbone (P2MT BackN technology). Mobile AP will provide internet access for the mesh network.

The access mesh router will build a PPTP tunnel to connect with anyfi sdwn core (placed in the P2MT network).

The access mesh router will connect to the anyfi controller(Anyfi-CTRL) and register the radio interface for the anyfi service.

The anyfi-gw will push the services configuration to the mesh access router by the control plane.

The radio interface of the mesh access router will responsible for delivery the 802.11 beacon for the configurated anyfi service.

Client can connect to the service via the SSID. The AAA will be handle by the Anyfi wlan-gw.

After the AAA process the client can go to the internet via the wlan-gw.

The anyfi-mgmt can provide the management plane for the whole sdwn, administator can access the client informantion by the “Splunk” anyfi management apps. All the services data will be displayed here.