

# 5G Cloud Native Network Demo Keynote Working Group

## August 20th

Can we do something other than a phone call. Video feed from Drone idea: Chinatown Studio.

What's the visual? Done Feed 1: Blurry. Drone Feed 2. Rebaca hasn't gotten server space in Kaloom yet. We need Hanen to help get us some space. The only thing they can show is video.

AK: Intel and CapGemini dragging their feet on RAN. All we have is the core.

Plan A: E2E. Core+RAN+Radio

Plan B: Rebaca Video-Only as a back up. Core only.

Can we get a Daily scrum master? Can we get a volunteer? Louis to propose to the community on Tuesday. If we can't one, Louis can help pinch hit.

We need to list out the blockers to get to E2E solution. AI: Amar+Louis to develop this.

## August 13th

Attendees: Brandon, Louis, Heather, Hanen

Goal: Scope out the Framework for the ONE Summit Demo (Oct 11)

Last Year: Introduced ONAP Onboarding and Deployment

This Year: Add Network Slicing and RAN Integration (Hopefully) and show and E2E Demo using a 5G Radio (Hopefully)

- RAN Dependencies: ??
- Radio Dependencies: Need to get this shipped to Montreal soon, or fall back to a VPN connection. Asking Hardik, GennXcom.

In any case, showing slicing is the top priority. How do we show this?

**Idea 1: Slice 1 (High performance), Slice 2 (Low performance), Takeaway: "Wow. See this difference, wow slicing is a powerful way to improve performance."**

Idea 2: Slice 1 (Service 1), Slice 2 (Service 2), Takeaway: "Wow. Slicing is a powerful way to manage services and better allocate bandwidth."

Format: Pre-recorded demo with voice over (like last time). Time? ~15 minutes.

What/how to show? We'll need a video either way.

Timeline: TBD

Heather Ideas:

Recognize that many have seen an earlier version of this demo. This time, E2E full networking slicing. Why care? Things only work if slicing is working. Here's the business case of why we're doing the hard work to make it work end to end. Needs to be slightly sexy.

Amar: We have only core slicing, with emulator we can say "E2E" Rebaca: GNB and MUE. Particularly well suite for video (on video server on one side). First time Rebaca showing slicing.

Physical or Virtual event?

Take away: The next time you see this, the core will be open source and supporting the factory floor.

Hanen: Can we connect wifi hotspot with simulator? (simulate the UE). Orange/HPE demo (robot demo). Idea: Bring. server to the locations core, UPF, emulator). Drone View: See the video coming through, overload the other slice. Need a drone with WiFi capability to stream. Pass traffic to the UPF, layer 3 connectivity. If using HK's theater, need to provide funding.

Next steps: Synch with Rebaca about emulator (no shipping required) do this in Heather's living room or on stage in Chinatown. **AI: Amar.**

## Sept 3rd

Tagline: E2E Networking Slicing

ONE Summit a Virtual Event Only. Do we want to use a stage (HK's room)? Will require some switching. HK and AK are the speakers (HK Primary). How to do interplay? All pre-recorded. Interactive between slides.

Story: History, KubeCon, last year, current demo, the look ahead (Private Mobile, then IoT + 5G). Pretty arch diagram, what we had to do, what we learned, aha moment, thank you to all volunteers, where we're going, please get involved, pivot to 5G Collaboration Zone on LFN. We are the place to do network collaboration (5G SBP + Compliance & Verification).

Video Feed ideas: Anime, princess Mononoke (forest creature), ghost in the shell. Brandon to research copyright issues.

Plan A: E2E Demo with Radio + (slicing, here are screenshots) OR Plan B.

How different? UE is a phone, accessing an application on other side of A10 firewall. Application could be a video. Could we do Augmented Reality?

Plan B: Show slicing Emulator from Rebaca + ONAP Slicing GUI (Chinese Characters on it). Rebaca media client + media server.

Radio in transit. Next week, determine inclusion feasibility.

Video stream feasibility. What video do with show? How to degrade?

Other Assets/Comms/Promos:

--Good Documentation for Oct Delivery (Amar writing contract?)

--5G Collaboration Zone

--Press Release

--Infographics