

# 2020-02-27 Meeting notes - E2 Simulator enhancements for Traffic Steering use case

## Date

27 Feb 2020

## Attendees

- Alex Stancu
- user-59b16
- @harrytran (Harry)
- Eliza Celenti
- Martin Skorupski

## Goals

- Assess if E2 Simulator can be enhanced to support Traffic Steering use case

## Discussion items

Time	Item	Who	Notes
5min	E2 Simulator current status	@all	<ul style="list-style-type: none"><li>• Current E2 Simulator capabilities:<ul style="list-style-type: none"><li>◦ setup</li><li>◦ subscription</li><li>◦ indication</li></ul></li></ul>
5min	Enhancing E2 Simulator	@all	<ul style="list-style-type: none"><li>• Before specific enhancements for Traffic Steering use case:<ul style="list-style-type: none"><li>◦ WG3 alignment for E2 Simulator<ul style="list-style-type: none"><li>▪ Harry estimates 2-3 weeks in his case</li><li>▪ we need to find another resource to work on this</li></ul></li><li>◦ E2 Service Model - need sample message from production for integration in Simulator</li></ul></li></ul>
10min	New resource needed for E2 Sim development	@all	<ul style="list-style-type: none"><li>• We need to define work items for the resource</li><li>• We need to find a new resource to work on the enhancement of E2 Sim</li><li>• The new resource can align with Harry wrt the code and details</li></ul>
10min	UE Simulator in OSNL (Berlin lab)	@all	<ul style="list-style-type: none"><li>• Viavi UE Simulator (TM500) is present in OSNL</li><li>• Need to check if UE Sim handles RF measurements</li><li>• Assess if flat files can be generated by the UE Sim</li><li>• Generate flat files with RF reports<ul style="list-style-type: none"><li>◦ define 7-8 cells</li><li>◦ define concentration of users - static users in first phase</li><li>◦ start RAN simulation</li><li>◦ generate RF reports</li></ul></li></ul>
5min	E2 Simulator flat file replay	@all	<ul style="list-style-type: none"><li>• After flat file with RF reports is available, E2 Simulator will be able to feed the data to the RIC xApps</li></ul>

## Action items

- ✓ @harrytran define work items for new developer 27 Feb 2020
- ✓ Alex Stancu send out email requesting for a new resource to the O-RAN-SC mailing list 28 Feb 2020
- ✓ Alex Stancu check with Martin Skorupski the details wrt the Viavi UE Simulator in OSNL 28 Feb 2020