5G Use Case Meeting Nov 1, 2018

1. **5G U/C DUBLIN** - We presented 5G use case requirements for Dublin. **MONTREAL F2F**
2. **CASABLANCA CARRY OVERS** - There is a strong support to complete Casablanca carryover items and complete PNF support
3. **WIKI** - NEED TO ALIGN the WIKI w/ the 5G U/C slides. https://wiki.onap.org/pages/viewpage.action?pageId=38119661
4. **NETWORK SLICING** - SO and SDC team were non-committal on Slicing support, saying workload might be too much.
5. **REAL TIME PM** – No carry overs, can remove.
6. **FM/PM DICTIONARY** – Needs to be added to the 5G U/C page. Will there be a formal review on FM dictionary? LINK:
7. **R4 M0** - DUBLIN / M0 Milestone Nov 30. Normal release planning page: https://wiki.onap.org/display/DW/Release+Planning
8. **EACH 5G U/C** – Leads should Present (follow up meetings) R4
9. **CONTROLLER TO NF** - Carry discussion of the Controller to NF association. https://wiki.onap.org/display/DW/Casablanca
10. **ETSI ONAP ALIGNMENT** – Some of the 5G Services should be part of the Core ONAP platform. NSMF incl. as part of ONAP Framework. Platform vs Service component. ETSI ONAP alignment. Platform "scope".
11. **MONTREAL F2F** – Wiki & slidepacks: https://wiki.onap.org/display/DW/Dublin+Architecture+Planning+Meeting

NOTES 5G Use Case Meeting Nov 1.

Attendees: Marge Ben Tim Carey Rebecca Lantz, Enbo, Vladmir Yanover, Borislav Glozman, Gueyoung Jung, Lixiang , Swaminathan, Zu Qiang, John, Ulas Kozat, Vishnu, N. K. Shankar, Melanie Sater, Chaker Al-Hakim, Karpura S

1. Vimal's presentation at Montreal Face to Face
2. Casablanca Carryover Items (PNF carry over items, PM Mapper, PM/FM Dictionary,)
    Need to align our Wiki with Dublin Presentation
3. Modeling for Network Slicing
4. Architecture Community at Dublin Meeting strongly supported completion of PNF items and there was resource concern from SO and SDC for the Network Slicing Study
5. Dublin Milestones--
5a. Project proposals should be made by end of this month—finalize project impacts for December face to face.--All
5b. Create an entry for the PM FM dictionary on the Wiki—Marge
5c. N. K. Shankar will update the Wiki for PCI
5d. Mark Scott will update the entry for Bulk PM.
5e. PNP and SW update are up to date—verify
6. Recommendation that each of the proposed Dublin contributions should plan to present to the 5G Use Case Committee in the next few weeks.
7. Controller to NF association
7a. Controller Registration MS recording capabilities of controller
7b. Should this be a separate point in the 5G Use Case Wiki
7c. Table associating NFs to controllers would be part of SDK
7d. Two options to do the association Run time and Design Time—need to decide Ben will take to Modeling/Architecture.
    For a specific NF a particular instance is associated with a particular Controller instance or
    SO looks up at run time what kind of Controller a particular NF needs whenever it needs SO needs to direct a controller to communicate with a NF.
8. Service providers seem to feel that some of the 5G services should be part of the core ONAP platform. NSMF NSSFM are included in ONAP framework. Is this our vision? What is a platform component vs a service component and what should the scope of ONAP be.

5G Use Case Sub Team Wiki (Dublin)

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•Created by Shekar Sundaramurthy, last modified by Vimal Begwani on Oct 30, 2018

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This is the wiki for contributions/discussions related to the 5G Use Case for the ONAP Dublin Release.

Montreal Meeting -- 5G Use Case Requirements Summary for Dublin Release

5G Requirement Presentation at Montreal Oct 30, 2018

•5G - Bulk PM (Casablanca carry-over items)
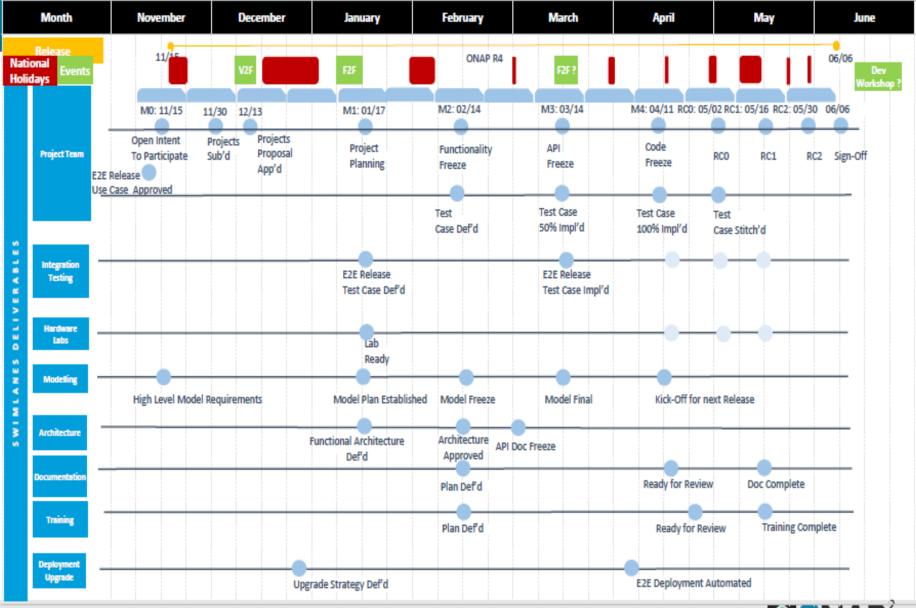
•5G - OOF and PCI (Casablanca carry-over items)

•5G - PNF Plug and Play (Casablanca carry-over items)

•5G - PNF SW Upgrade (Casablanca carry-over items)

•5G - Real time PM (Casablanca carry-over items)

•5G - Slicing

ONAP Dublin Release Calendar Proposal

Month	November	December	January	February	March	April	May	June

Release Events — National Holidays — SWIMLANES DELIVERABLES

11/15 — V2F — F2F — ONAP R4 — F2F ? — 06/06 — Dev Workshop ?

M0: 11/15 | 11/30 | 12/13 | M1: 01/17 | M2: 02/14 | M3: 03/14 | M4: 04/11 | RC0: 05/02 | RC1: 05/16 | RC2: 05/30 | 06/06

Project Team
- Open Intent To Participate
- E2E Release Use Case Approved
- Projects Sub'd
- Projects Proposal App'd
- Project Planning
- Functionality Freeze
- API Freeze
- Code Freeze
- RC0
- RC1
- RC2
- Sign-Off

- Test Case Def'd
- Test Case 50% Impl'd
- Test Case 100% Impl'd
- Test Case Stitch'd

Integration Testing
- E2E Release Test Case Def'd
- E2E Release Test Case Impl'd

Hardware Labs
- Lab Ready

Modelling
- High Level Model Requirements
- Model Plan Established
- Model Freeze
- Model Final
- Kick-Off for next Release

Architecture
- Functional Architecture Def'd
- Architecture Approved
- API Doc Freeze

Documentation
- Plan Def'd
- Ready for Review
- Doc Complete

Training
- Plan Def'd
- Ready for Review
- Training Complete

Deployment Upgrade
- Upgrade Strategy Def'd
- E2E Deployment Automated

THE LINUX FOUNDATION

ONAP 2
OPEN NETWORK AUTOMATION PLATFORM

Dynamic Association – Run Time

STEP 3: (RUN TIME OPERATION)

1. **USE TABLE** - Components in ONAP (e.g. SO, policy) USE the table to find the appropriate controller & APIs for a NF.

2. **POLICY ACTION** - When policy's action require a controller look at the table. When policy's action is to consult w/ SO it knows how to talk to SO. EXAMPLE: Message from NF, executing a Use Case. e.g. Threshold > NF > DCAE > Policy > Action > SO: Controller to interact w/ NF

Tech Domain	NF (PNF/VNF)	ONAP Platform Controller Instance	Function (API)
Wireless	E// 5G DU	SDN-C	Generic API
Wireless	Nokia 5G DU	SDN-C	Generic API
	Huawei 5G DU	SDN-C	Generic API
Wireless	Xyz 5G DU	SDN-C	SDN-C

Run Time Catalog

SO

Controller

M-Service