ONAP – From the inside looking out
The journey, status and Dublin Release expectations

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Introducing ONAP

ONAP provides an automation platform for managing services and resources throughout their entire life cycle.

- It provides a reference functional architecture
- It provides a reference Component Definition & Interfaces
- It provides reference source code
- It provides requirements on the managed V/P NFs
The ONAP Journey

**ONE MODULAR PLATFORM**
- Successful merge to ONAP
- Established structure
- Established way of working
- Validated with vCPE, vFW/vDNS, vVoLTE blueprints

**DEPLOYMENT READY**
- Introduced S3P
- Adopt CII badging
- Containerized
- Introduced End-User Authority Group
- Validated with Change Management/Scaling foundations

**OUT-OF-BOX DEPLOYMENT**
- Introduced Control loop sub-committee
- Increased standards alignment.
- Validated with more blueprints and use cases i.e. 5G, CCVPN

**EXPAND**
- Increase 5G Use Cases
- Footprint Optimization
- Model Driven Control loop
- ...
Industry Influences

ONAP OPEN NETWORK AUTOMATION PLATFORM

Operator Specific Req
ETSI
GSMA
3GPP
VNFQTS

Standards / Requirements

tmforum
broadband forum
MEF
OASIS
TOSCA

Standards / Requirements
How We Currently Work

Structure

LFN GB

LFN TAC

ONAP Technical Steering Committee

Sub-committees

- Security
- Architecture
- Use Case
- Modelling
- Control Loop

Coordinators

Projects & Releases

Projects scope is defined independent of the release. The project decides to contribute to a release.

General Workflow

Use Case

Architecture

Security

Modelling

Control Loop

General Workflow

Projects & Releases

ONAP Release

ONAP Release

Release Lifecycle

M3 API Freeze

M4 Code Freeze

M2 Functionality Freeze

M1 Planning

Kickoff

Release

Candidates

RC0

RC1

RC2
Our Community Achievements

Diversity

Explore / Innovate

End User Adoption

Commercial Ecosystem

DUBLIN – In Progress
3,655 changesets
310 Authors

CASABLANCA
11,307 changesets
501 Authors

BEIJING
12,604 changesets
473 Authors

AMSTERDAM
9,819 changesets
324 Authors
Dublin Release Expectations

- Broadband Services
- Footprint Optimization
- 5G Use Cases:
  - PNF Upgrade
  - PNF Plug n play
  - Slicing
- Model Driven Control Loop
- PNF Plug n play
- 5G Use Cases:
  - Slicing
- Further Standards Alignment:
  - ETSI-NFV
  - TMF
  - MEF LSO
- HW Platform Awareness
  - CCVPN
  - Container VNF Orchestration
  - Change Management
  - Existing Blue Print Evolution
Challenges & Opportunities

- Prioritization
- Integration Capacity
- Release Cadence
- End User Advisory Group
What’s Next ...

Culture Shift:
Maintain Innovation while Performing Continuous Improvement

Engagement Model:
Evolve our Subcommittee Scope/Interaction

Vision:
Build our 3 Years ONAP Roadmap