

ONAP Release Process

Proposed Updates



Agenda

Current Process & Concerns

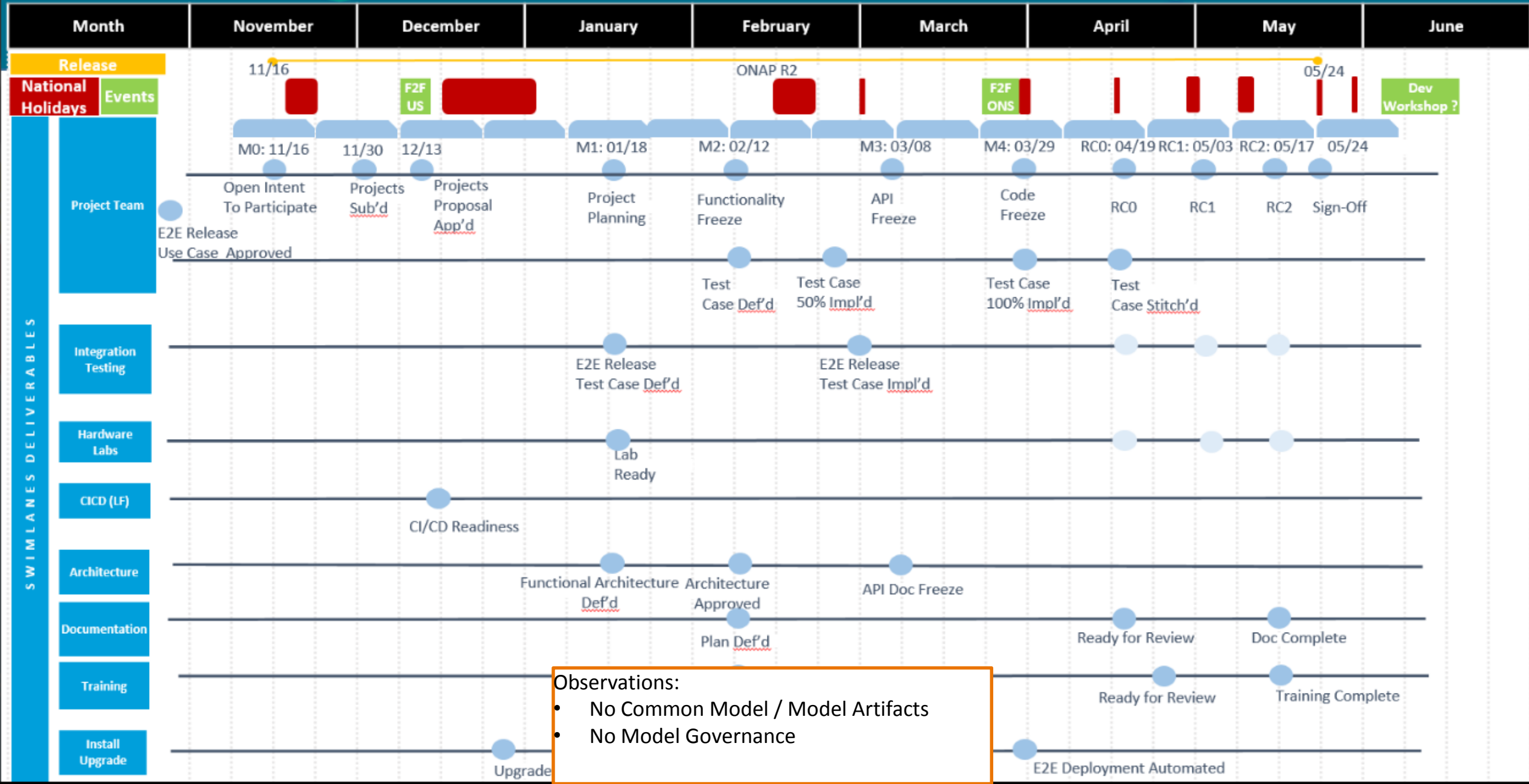
Proposed Updates

Artifacts

Roles



ONAP Beijing Release Calendar (TSC Approved)



SWIMLANES DELIVERABLES

Observations:

- No Common Model / Model Artifacts
- No Model Governance

Proposed ONAP Process Improvements

- **No Modeling Presence**

- Add Modeling Swim Lane
- Add Modeling Artifacts for appropriate milestones to Modeling Swim Lane

- **M0**

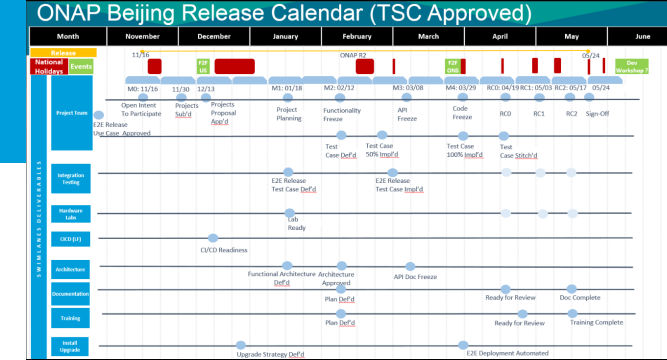
- Only Item in M0 timeframe is “Open Intent To Participate”
- Add “High Level Infomodel Requirements”

- **M1**

- Project Planning / Functional Architecture Defined / Architecture Approved
- Add “Infomodel Plan Established”
- Note: Infomodel Updates Begin / Data Model Refinement Begin (M1.5)
- Note: Development Commitments for Infomodel Requirements?

- **M2**

- Functionality Freeze
- Add “Infomodel Freeze” (Approval)
- Add “Data Model Freeze” (Approval)
- Note: Feed to Data Dictionary??



- **M3**

- API Freeze
- Add “Infomodel Final”
- Add “Component Data Model Final”
- Add “API Final”
- Note: Code should be in sync with Info and Data Models
This can be handled at the architectural review.

- **M4**

- Code Freeze
- Kickoff Information Model Requirements for Next Release

- **RCx**

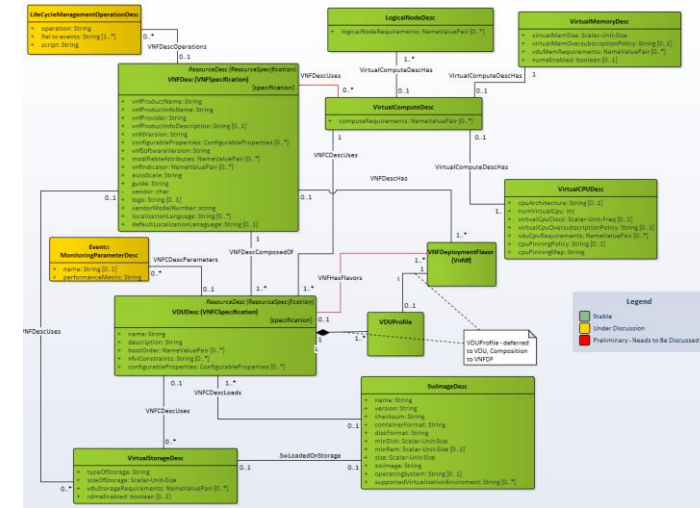
- Runtime Compliance Test?

Observations

- Establishes and Evolves a Common Model
- Project (Component) Team Involvement in Modeling Solution
- Governance of Common Model and Corresponding Component Models
- Updates possible in M3 and M4 (bug fixes) per exception process

Information Model Artifact Contains

- Classes
- Relationships with Multiplicity
- Important Attributes with Multiplicity
- Definitions
- Data Types
- Feed to Data Dictionary
- Tooling - Papyrus with GitHub



Component Data Model Artifacts (Implementation Specific)

- Component Data Model
 - Contains objects, attributes, & relationships (more detail than information model)
- Mapping to Information Model
- Feed to Data Dictionary?

API Artifacts

- API Model
- Mapping to Information Model



Information Model

- Internal Committers
- Internal Approvers
- Impacted Project (Component) Approvers
- Impacted API Approvers
- Architecture Group Approvers

Component Data Models

- Internal Committers
- Modeling Team Approvers
- Architecture Approvers
- Impacted API Approvers

API Definitions

- Modeling Team Approvers
- Impacted Project (Component) Approvers
- Architecture Approvers



Establishment and Evolution of a Common Model (Model Consistency)

Pivot Toward a Model Driven Design

Improve Data Quality

