

Open Source MANO

Network DevOps & E2E Automation

OSM in **netOps.ai**

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Network DevOps - Need



Development Time

Duration from feature requests until RFA

FROM

Several Months

TO

<1 Month



Release Cycle

Combined Network Functions, Infra and tools Release Cycle

FROM

<2

TO

>12



SW Quality

of Change delivery attempts required to reach RFA-> RFP

FROM

Several Months

TO

<1 Month



Integration & Validation

Duration of Systems integration and validation in Lab

FROM

Weeks

TO

Hours/Days



Usable Working Hours

Requirement of a late night maintenance

FROM

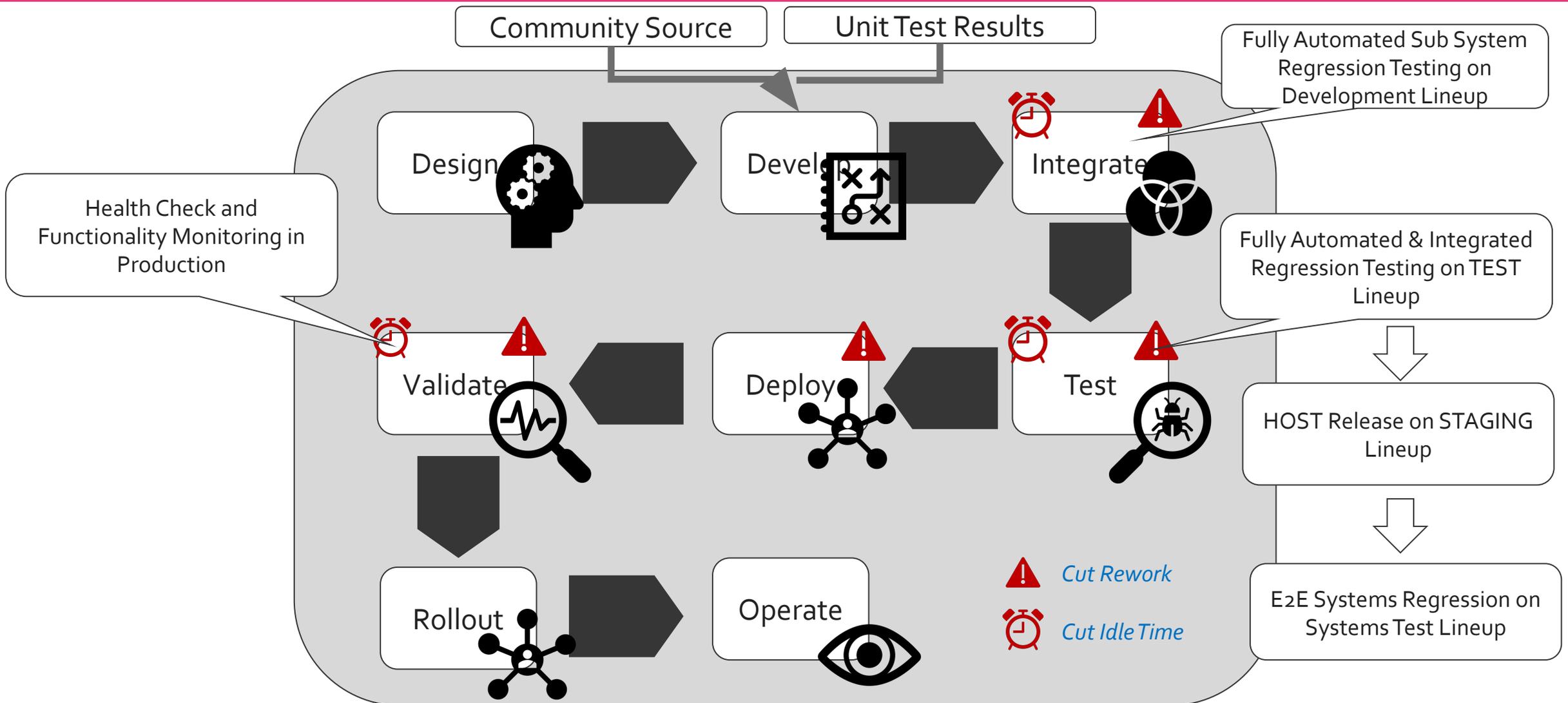
0000
-0400

TO

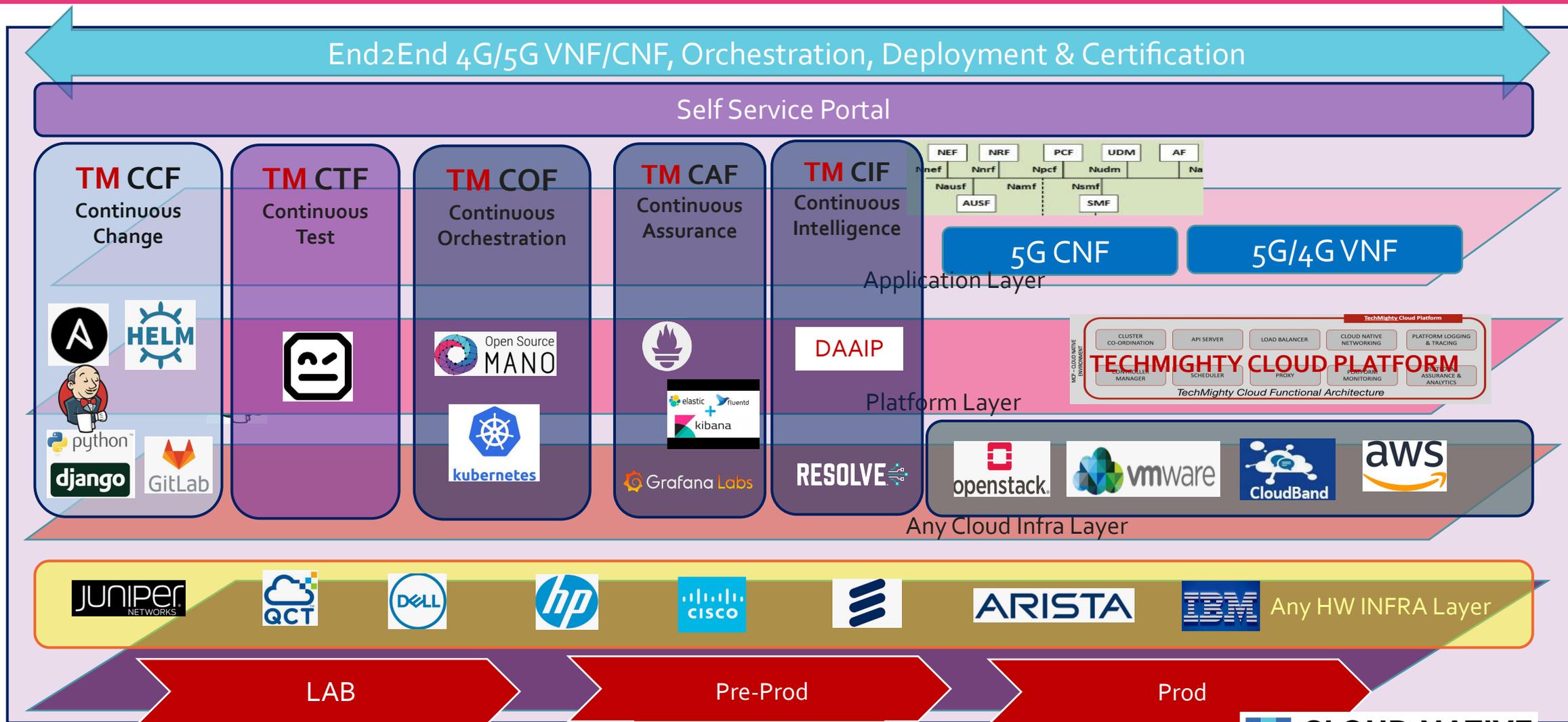
24x7

CSP's Network Software Release Process

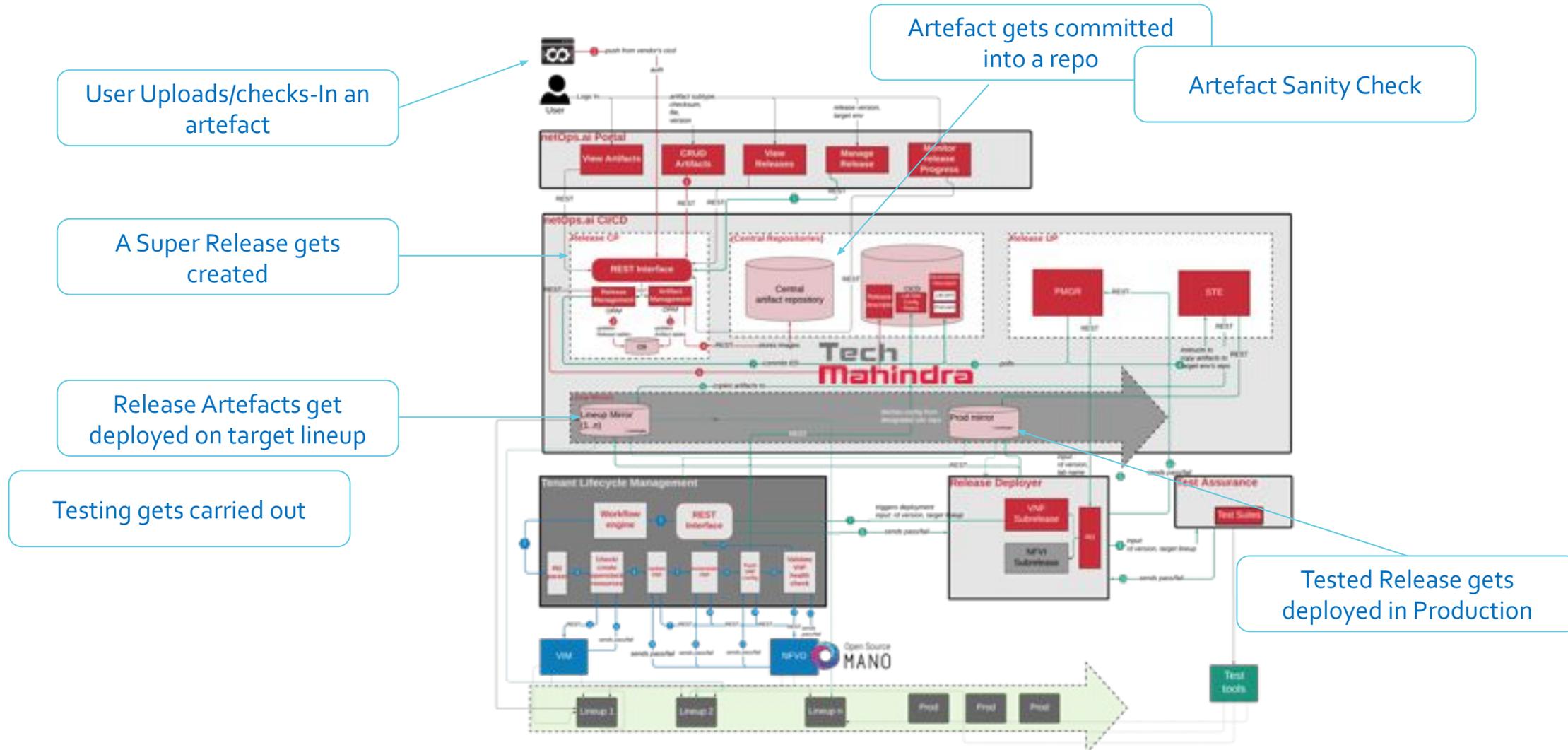
Too Complex & Too Time consuming



TechM netOps.ai Telco Cloud Solution Architecture



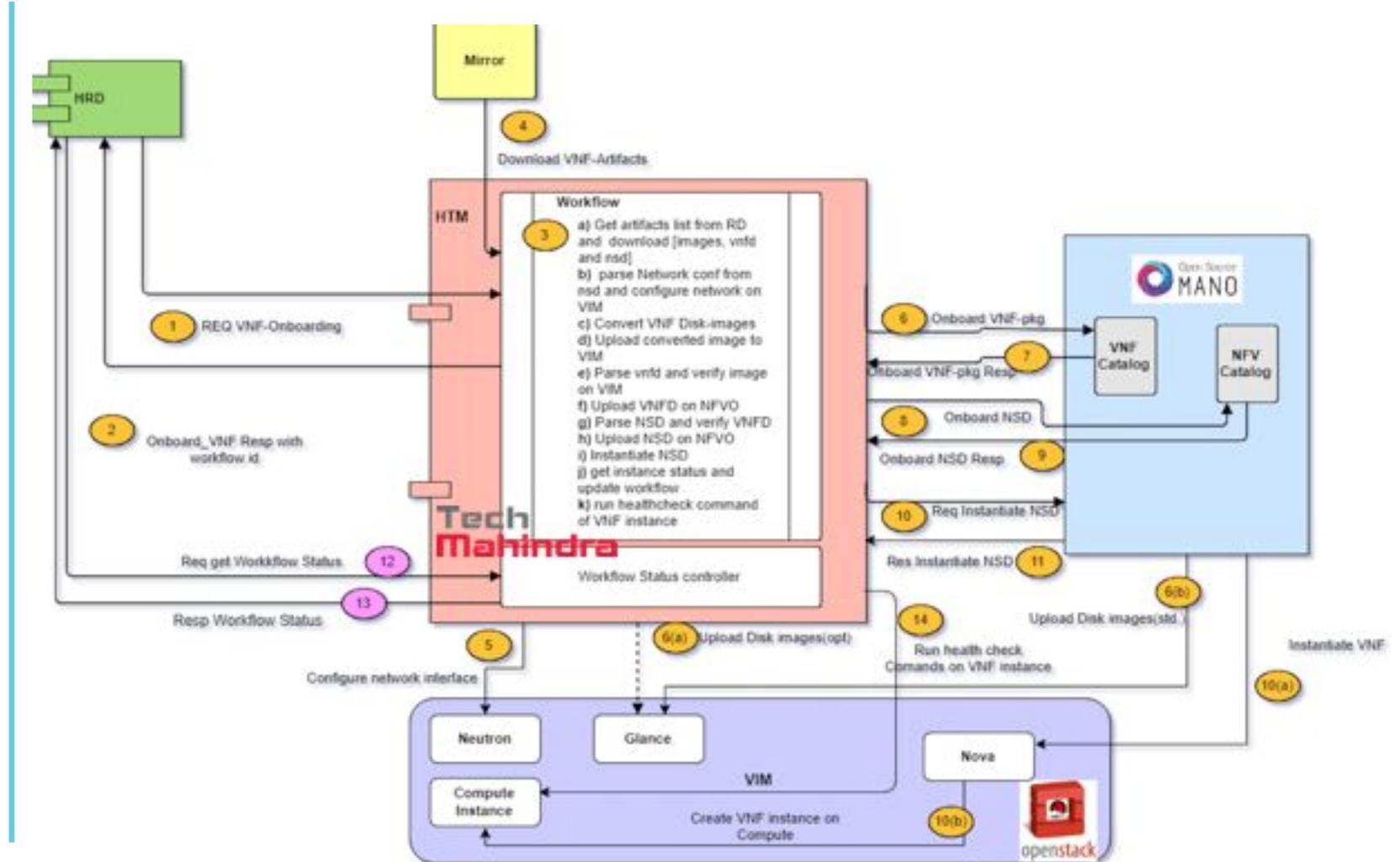
netOps.ai – Continuous Change Internal Architecture

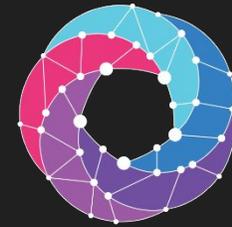


OSM APIs Exercised

Tech Mahindra

Authenticate OSM
Upload VNFD on OSM
Delete VNFD on OSM
Query information about multiple VNF package resources
Read information about an individual VNF package resource
Upload a NS package by providing the content of the NS package
Query information about multiple NS package resources
Read information about an individual NS package resource
Modify an individual NS package resource
Delete an individual NS package resource
Create a new NS instance
Query information about multiple NS instances
Read an individual NS instance resource
Delete an individual NS instance resource





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Thank You