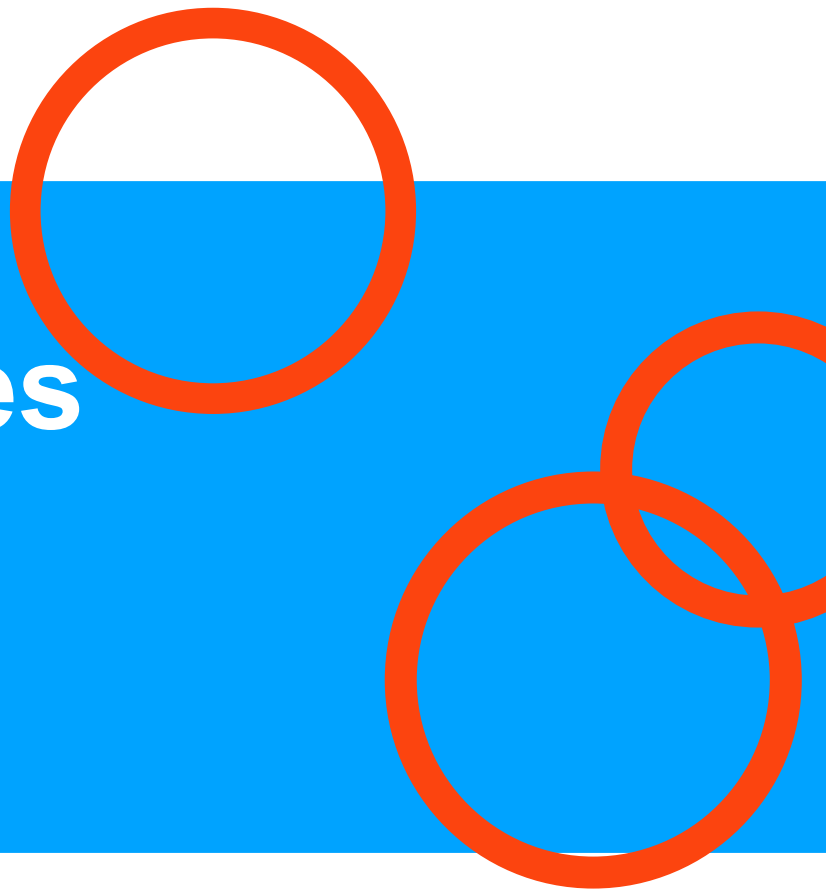


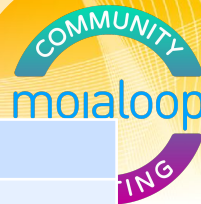


# Mojaloop releases & Core

PI-23 Mid-PI Review



# Workstream Update



Workstream Name:	Mojaloop releases & core
Roadmap Pillar:	Foundation: Quality Product
Lead:	Paul Baker / Sam Kummary
Workstream Objectives:	<ol style="list-style-type: none"><li>1. Automation of steps involved in Mojaloop release process to reduce overhead and efforts involved in Mojaloop releases</li><li>2. NodeJS upgrade of Mojaloop's services (not done in Mojaloop Acacia, v15.2.0)</li><li>3. Enhancements done under perf-workstream to be included with Mojaloop releases</li><li>4. Maintain Mojaloop v15.2.0 and improve stability</li><li>5. Maintain Mojaloop's QA/Dev environments for bug fixes and other changes</li><li>6. Support existing implementers by fixing bugs and performing other maintenance related tasks</li></ol>
Progress Against Objectives:	<ol style="list-style-type: none"><li>1. Node JS upgrades - completed</li><li>2. Automation of release notes generation - completed</li><li>3. IaC - Setting up affinities, control-plane on-prem related</li></ol>
Anticipated Progress by PI End:	Mojaloop release made (v15.3.0 or v16.0.0 TBD)
Roadblocks:	Funding issues
Support Needed:	

# Status for Mid-PI review PI-23



## Current ML v15.2.0/15.3.x Follow-up items

1. **Automation** of steps in the Mojaloop release process [story: [#3686](#)]
2. NodeJS **upgrades**
3. Maintaining, updating **core test harness**, performance test setup and framework, fixing dashboards
4. **laC** updates to support adopters (Affinity related changes, control-plane on-prem support)

## Roadmap Features

1. Draft a Mojaloop **Release Candidate** for the next Mojaloop release
  - This RC to include all services upgraded for NodeJS
  - To include performance enhancements done by perf-workstream
2. General maintenance, bug fixes, release testing
3. The next **Mojaloop release** (version TBD, post v15.1.0)

# ML Releases: PI-21 update for reference



v14.1.1  
(PI-20)

v15.0.0  
(PI-20/21)

v15.1.0  
(PI-21)

v15.2.0  
(PI-22/23)

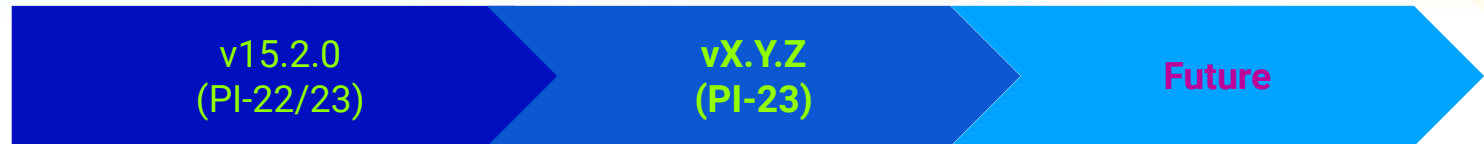
1. Mojaloop Toolkit enhancements: Reports, Rules, UI enhancements

1. Separations of **external backend dependencies** from Mojaloop Helm charts
2. Utilise **externalised secrets** for **password** management ([#3082](#))
3. **Bulk SDK** functionality **support** out-of-the box
4. **laC v4.0.x** with **support** for Mojaloop **v15.0.0** & **passwords** with **Special Characters** managed by **HashiCorp-Vault**
5. **Finance Portal v3** (BoF v3.0.0) fixes for **passwords** with **Special Characters**

1. Test against **upgraded QA/Dev** with K8s v1.26/1.27
2. Refactored QA/Dev env **ease of maintenance** with **EKS**
3. Enhanced **SDK support** for **Request-to-Pay (R2P)**
4. Follow-up **bug-fixes**
5. **laC v4.1.0** with **support** for Mojaloop **v15.1.0**

1. **Upgraded** QA/Dev env & Tested against **K8s v1.28**
2. General **maintenance**
3. Node **upgrade** (v18 **LTS**)
4. **Performance** setup, profiling and document bottlenecks (perf workstream)
5. **Performance** Stream improvements (enhancements, fixes, instrumentation, & contribs)
6. Automated, CI tests on ML releases with **Helm snapshot** support

# Release Roadmap: MLF Product, Community and work-stream



1. Upgraded QA/Dev env & Tested against K8s v1.28
2. General maintenance
3. Node upgrade (v18 LTS)
4. Performance setup, profiling and document bottlenecks (perf workstream)
5. Performance Stream improvements (enhancements, fixes, instrumentation, & contribs)
6. Automated, CI tests on ML releases with Helm snapshot support

1. General maintenance
2. Node upgrade for supporting services not updated in v15.2.0
3. Performance enhancements done by perf-workstream included
4. Automated CI steps on Mojaloop releases
5. IaC changes - new and refactored version

1. Settlements improvements
2. PISP Bulk API support (#109)
3. Enhance tracing components to use latest open-tracing standards
4. vNext support
5. FX support in Mojaloop
6. Automated CI testing on Helm PRs & Releases - completed
7. Use new IaC standards for deployment
8. Migrate Chart (i.e. BoF) to Helm repo, and clearly rename Finance Portal components part of BoF
9. Patch notification support for failures