



Localization Workstream

(Mid PI-24 update)

04.06.2024



Workstream Objectives and PI goals



Workstream Objectives

- To make Mojaloop more accessible and usable for users in different regions or countries.
- Our workstream's focus for this PI are
 - To define currency and time zone localization requirement
 - vNext : implementation of time zone and currency localization

Workstream Members

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Timezone Localization

- Why is it needed?
 - Hub operators need to communicate about transactions with DFSPs and generate reports based on local timezone so that they can facilitate the hub operations.
 - Approach: data stored in universal timezone, presented in local timezone

Timezone impacted areas	Proposed TimeZone to use	Main purpose
Database	UTC	Data stored in universal time zone
Hub/ Participant portal	Local time zone	For operational purpose such as reports sharing with DFSPs, settlement, dispute management (all done in local time)
Logging tools (eg: Kibana, Grafana)	UTC/Local time zone??	Troubleshooting



Timezone Localization

- Implementation approach
 - Device system timezone (phase 1: low hanging fruit, PI 24 goal for vNext) **DONE**
 - Single timezone setup for the whole hub //TBD
 - Timezone configuration ability for each users //TBD
- Timestamp format
 - UTC >>> 2024-05-07T04:03:11+00:00
 - MMT >>> 2024-05-07T10:33:11+06:30

Currency configuration



- Hub currency list
 - A list of currency that users in the hub can make transactions in.
 - When do hub operators can set up hub currency list?
 - Hub deployment stage
 - In live environment (when new country is being onboarded to the hub or when new currency is updated in ISO 4217)

Mid PI status update



- Finalization of requirement for PI 24: End of this week
- Implementation in vNext: ETA end of June



Thank you!!!