

# 2<sup>ND</sup> Stage SLH International Pilot Project

## Architecture Discussion

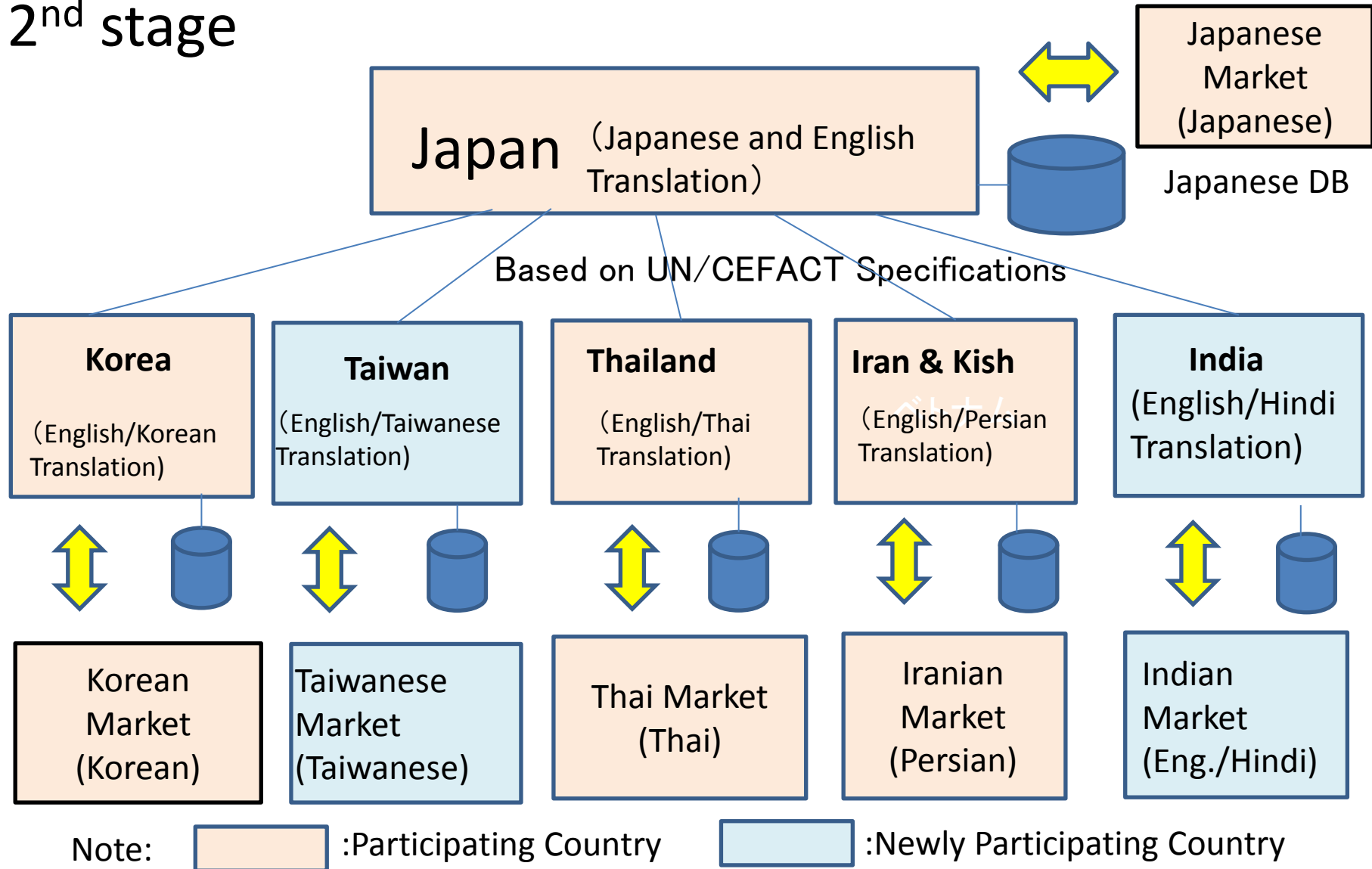
AFACT TT&L WG

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# SLH 2<sup>nd</sup> International Pilot Project

2<sup>nd</sup> stage



# SLH Pilot System

- Architecture
- Initialization
- Property (SLH) information update
- Property (SLH) price changes
- Browsing , Search and Booking
- Commit transaction
- Profit sharing

# Pilot System Architecture

**SLH Foreign**

**Global Hub**

**SLH Local**

**Web Clients  
Mobile App's**

eCommerce site



PMS, Onboarding  
Management

Contents(EN/Local Lang.)



**Master Catalog**  
- Content  
- Communications

eCommerce site  
(Local Lang./EN)



PMS, Onboarding  
Management

Contents(EN/Local Lang.)



Mobile  
PC, etc.

# Pilot System Initialization

SLH Foreign

Global Hub

SLH Local

Web Clients  
Mobile App's

eCommerce site

eCommerce site

(Local Lang./EN)



Mobile  
PC, etc.



4a. Subscribe  
4b. Check & Get



PMS, Onboarding  
Management

5. Store partner content  
5b. **Optionally** translate  
content into local language



3. Update Master  
Catalog

2a. Register  
2b. Publish (EN)



PMS, Onboarding  
Management

1. Create EN content

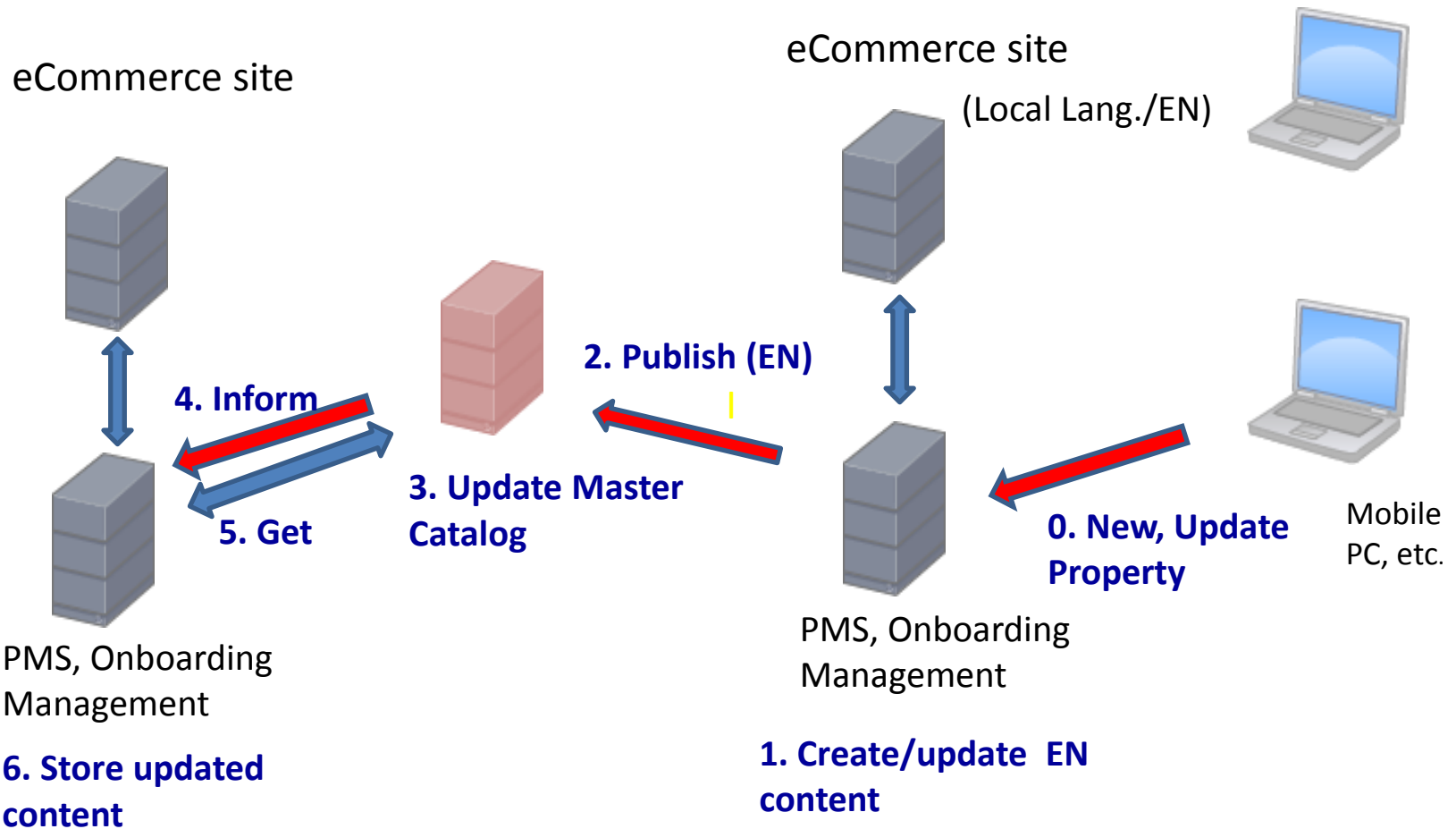
# Property Update (I/U/D)

**SLH Foreign**

**Global Hub**

**SLH Local**

**Web Clients  
Mobile App's**



# Price Change

**SLH Foreign**

**Global Hub**

**SLH Local**

**Web Clients  
Mobile App's**

eCommerce site

eCommerce site  
(Local Lang./EN)



Mobile  
PC, etc.



**4. Inform**



**2. Publish (EN)**



**3. Update Master  
Catalog**



**0. Update Price**



PMS, Onboarding  
Management

**5. Update**

PMS, Onboarding  
Management

**1. Update Local Price**

# Browse, Search, Booking

**SLH Foreign**

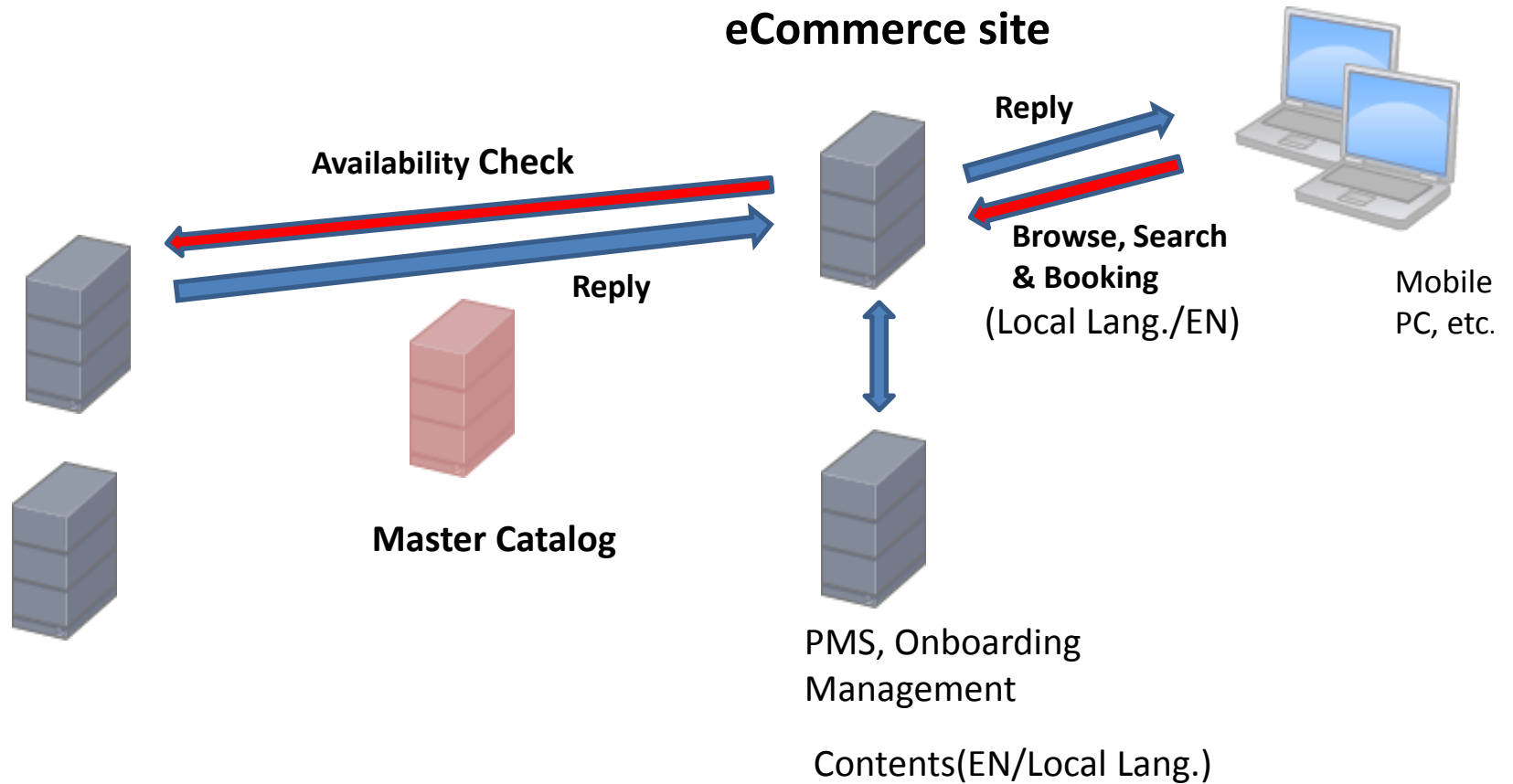
English to Local Lang.

**Global Hub**

Local Lang. To English

**SLH Local**

**Web Clients  
Mobile App's**





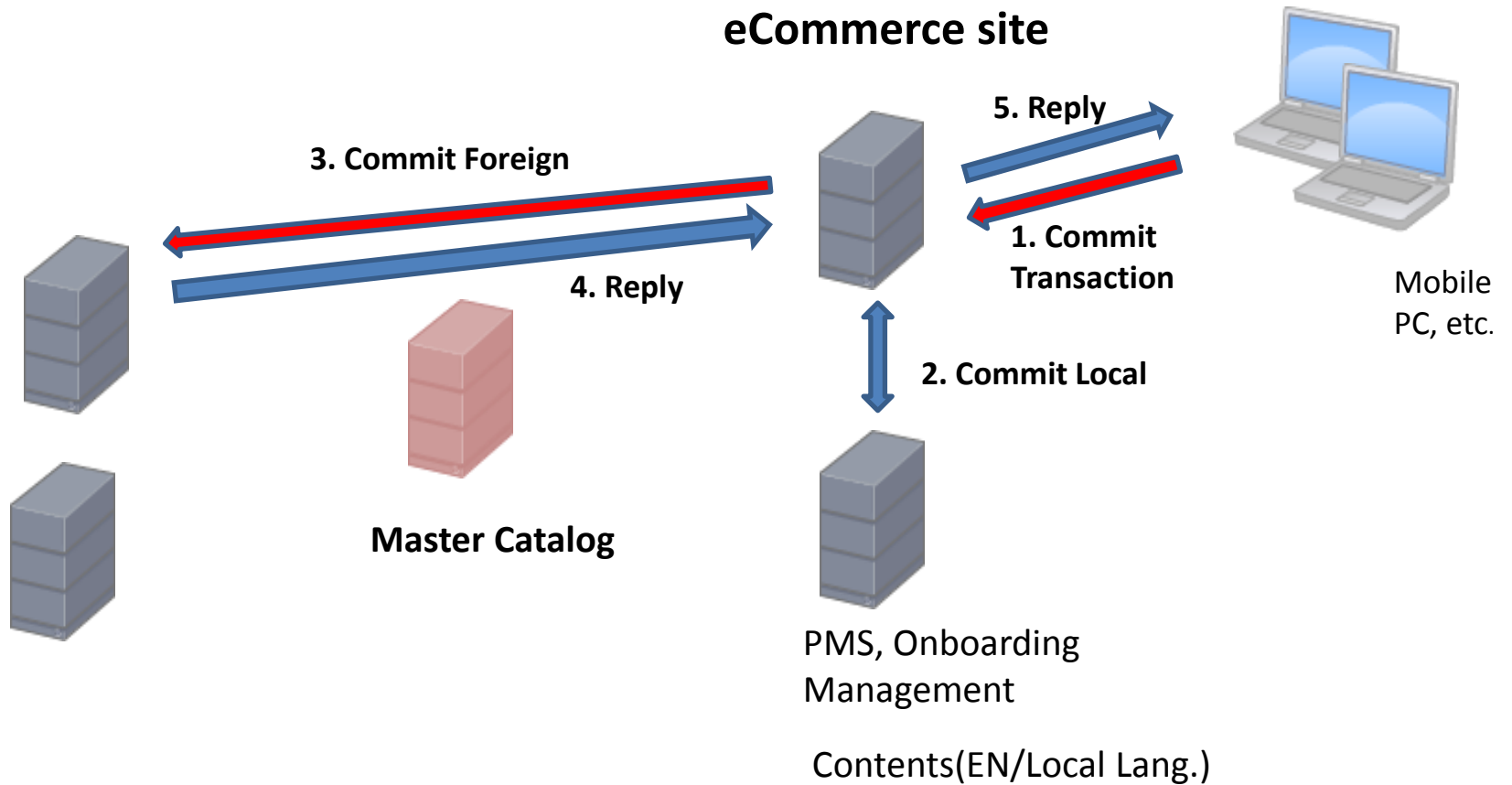
# Commit Booking

SLH Foreign

Global Hub

SLH Local

Web Clients  
Mobile App's



# Summary

- Global Hub
  - Cache of Global catalog of SLH property DB in English
  - Manage Registration of participants
  - Manage Vendors' Network communication ports and URL
  - Manage Subscription & forwarding of property update
- Local Vendor
  - Provide local SLH property in English to Global Hub
  - Publish property update to Global Hub
  - Retrieve foreign property info from Global Hub
  - Optionally translate foreign property information to local language
  - Communicate with Foreign partner to book foreign property
- Foreign Vendor
  - Same as Local Vendor

# Summary – cont'

- DB, Commerce (web) server and development language/environment
  - Local vendor selects it's own
- Standard API's
  - Registration
  - Publish property
  - Subscribe Property changes
  - Inform property update
  - Fetch property update
  - Availability checking
  - Availability reply
- Profit sharing

Backup