

LinkAja Payment Gateway

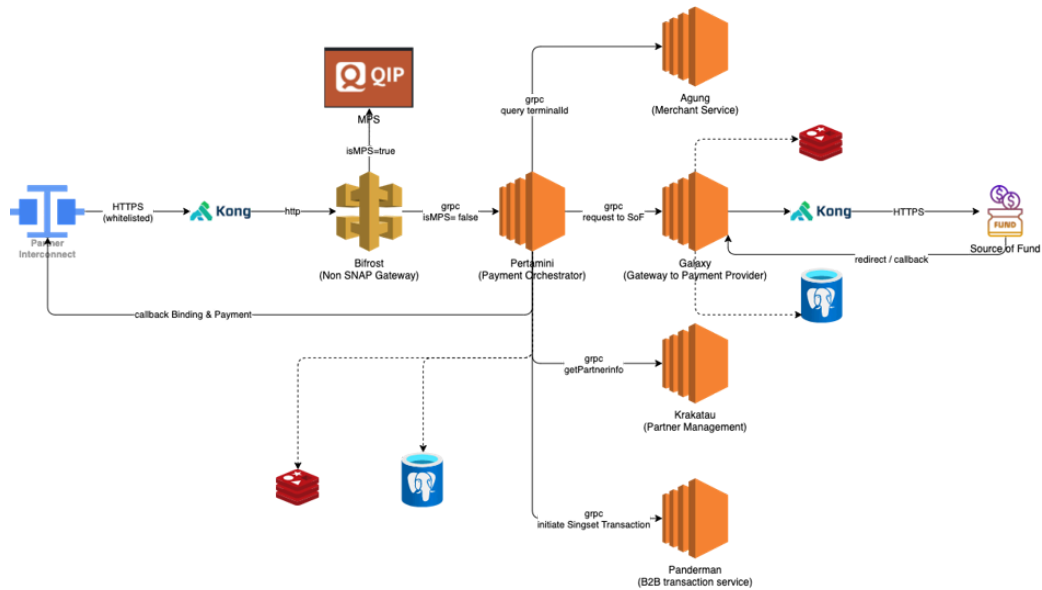
Overview

LinkAja Payment Gateway is one of LinkAja's open API businesses, where LinkAja acts as a gateway and orchestrator for digital payments between partners and the source of funds

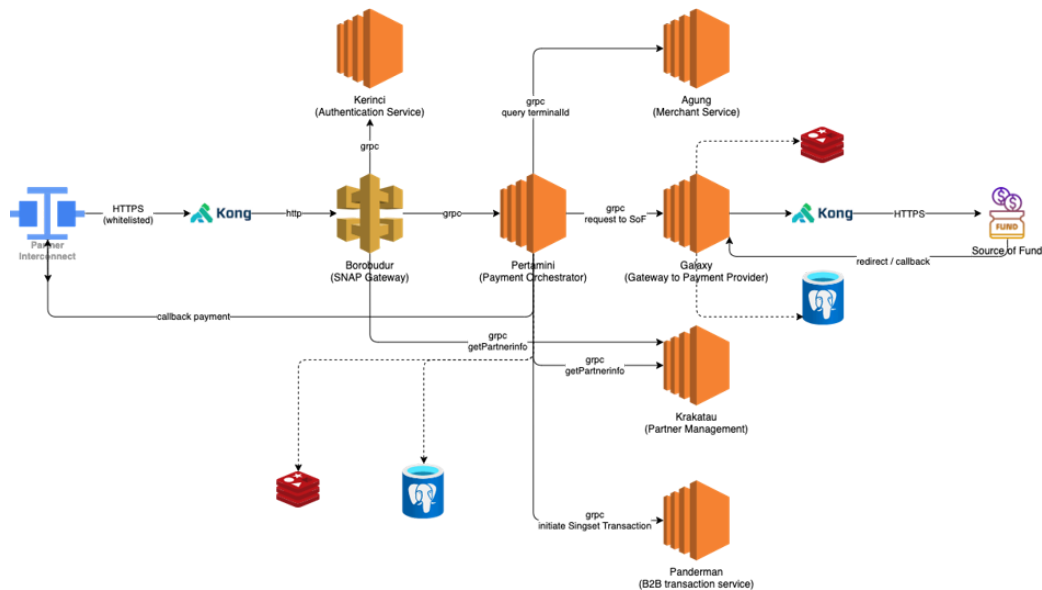
Architectures

Below are the General Architectures for **PG Non SNAP & PG SNAP**

NON SNAP



SNAP




SoF that has been integrated with LinkAja

- gopay **LIVE**
- OVO **LIVE**
- shopeepay **DEPLOYED TO PRODUCTION**
- dana **DEPLOYED TO PRODUCTION**
- astrapay **LIVE**
- MTI
 - credit card **LIVE**
 - debit card
 - mandiri **LIVE**
 - bri **LIVE**
 - bni **LIVE**
- bca oneklik **LIVE**
- Finnet
 - dynamic Virtual Account **DEPLOYED TO PRODUCTION**
 - E-money non tokenized (OVO, Shopeepay, Dana) **DEVELOPMENT**

General Knowledge

- Reference Flow for LinkAja PG Non SNAP Sof GoPay : [\[MM - 385\] Analysis Spec GoPay SN AP for LinkAja PA SoF](#)
- The differences between Non SNAP & SNAP flow is on Partner Gateway
 - Non SNAP using Bifrost as gateway service
 - SNAP using Borobudur as gateway service
 - splitting traffic untuk api account binding, unbinding, inquiry balance, account inquiry, b2b2c by scope: PAYMENT_GATEWAY
- There is a flagging sof in the Bifrost service config to determine whether transaction traffic flows to LinkAja or MPS. This config has not been implemented in the SNAP version.
If `isMPS = true` , the traffic flows to MPS.
If `isMPS = false` , the traffic flows to LinkAja.
- There is whitelisted schema on Bifrost service to support token migration
 - if the msisdn or PG token listed on bifrost config even if the flag isMPS=true, the transaction event will be flows to LinkAja

- config : https://gitlab.linkaja.com/be/bifrost/-/blob/master/resources/config.json.example?ref_type=heads#L67
- domain prod pg non snap : <https://sinergi.linkaja.com>
- domain prod pg snap : <https://energy.linkaja.com>
- IPs that can be whitelisted by the partner in production
 - 108.136.251.221
 - 108.137.118.138
 - 108.136.159.13
- There is no IP whitelist in LinkAja for callback notifications from SoF
- Architecture file :  LA PG Architecture.drawio