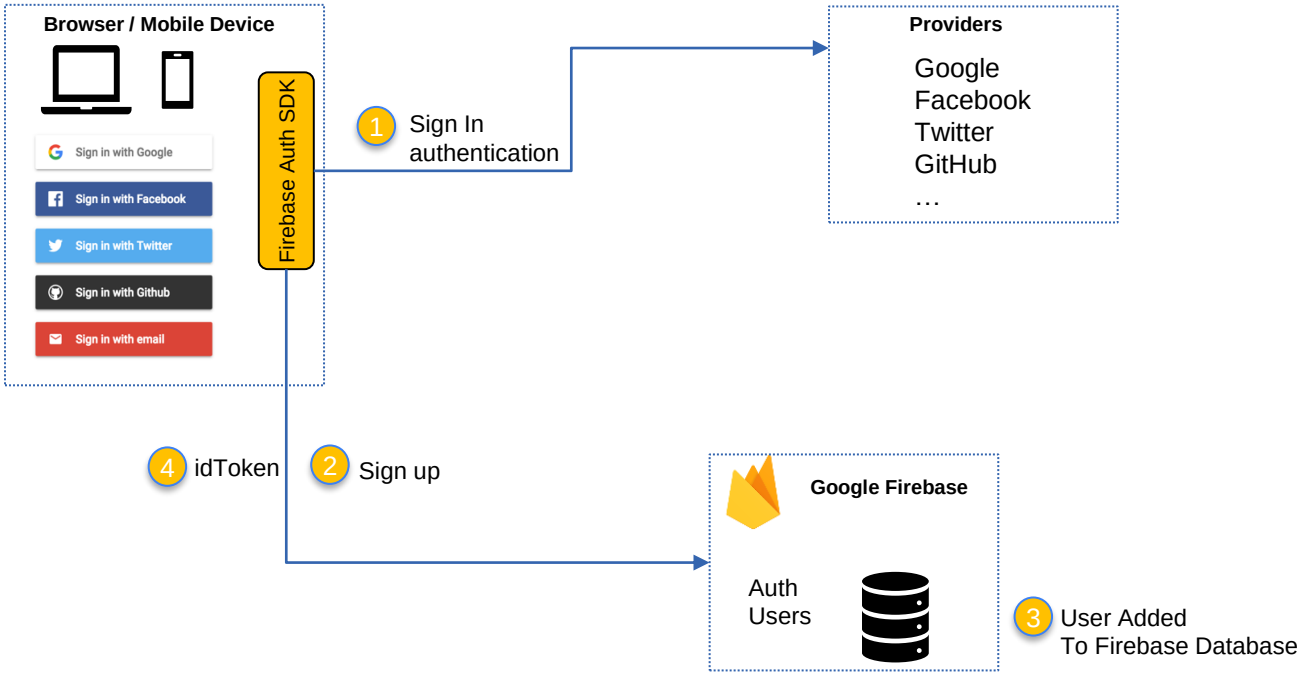
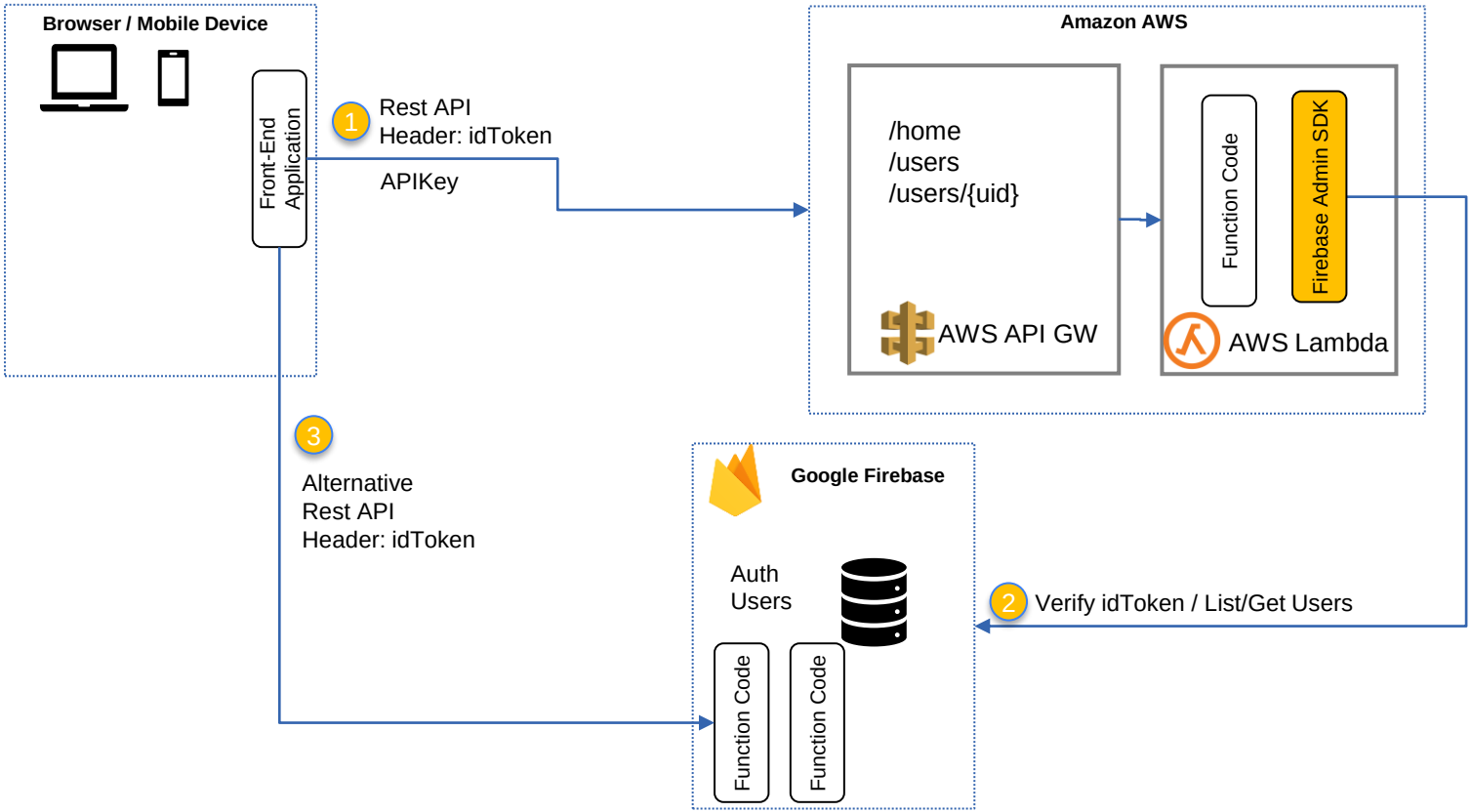
Project IAM

Application Authentication

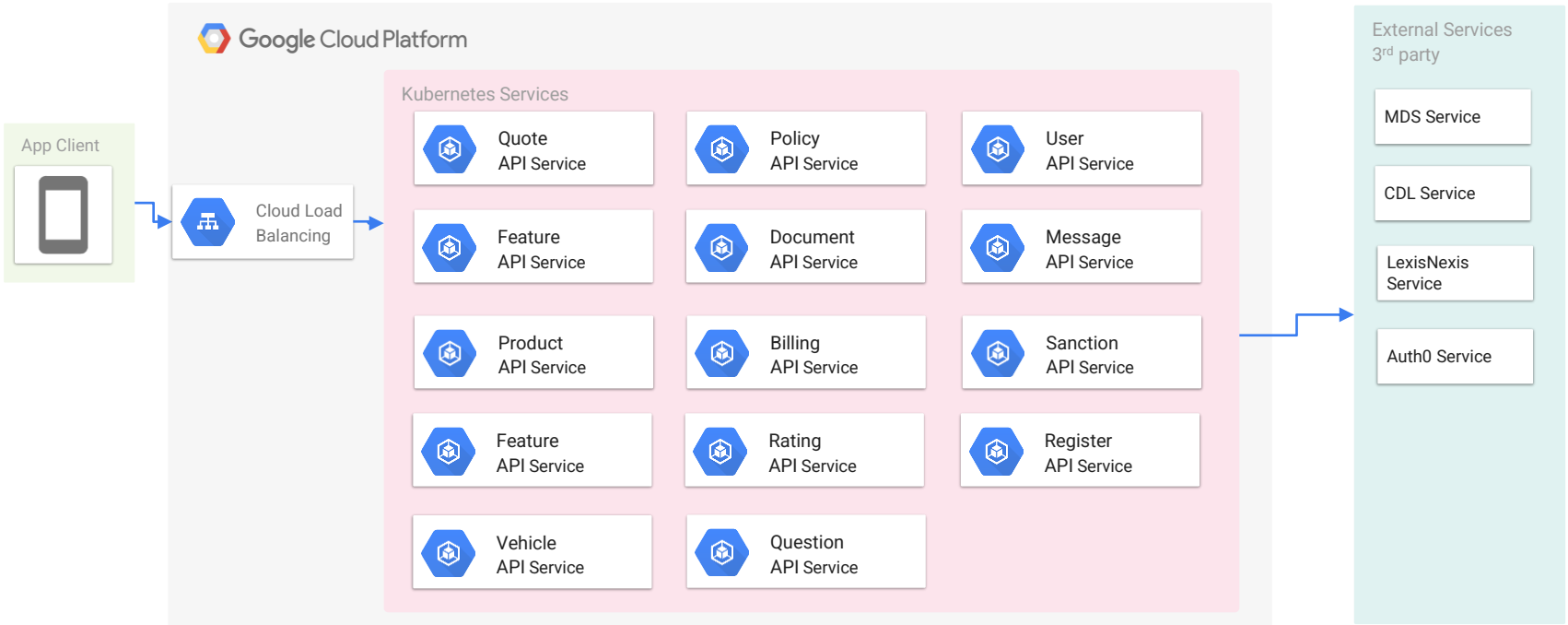


Application Admin Services

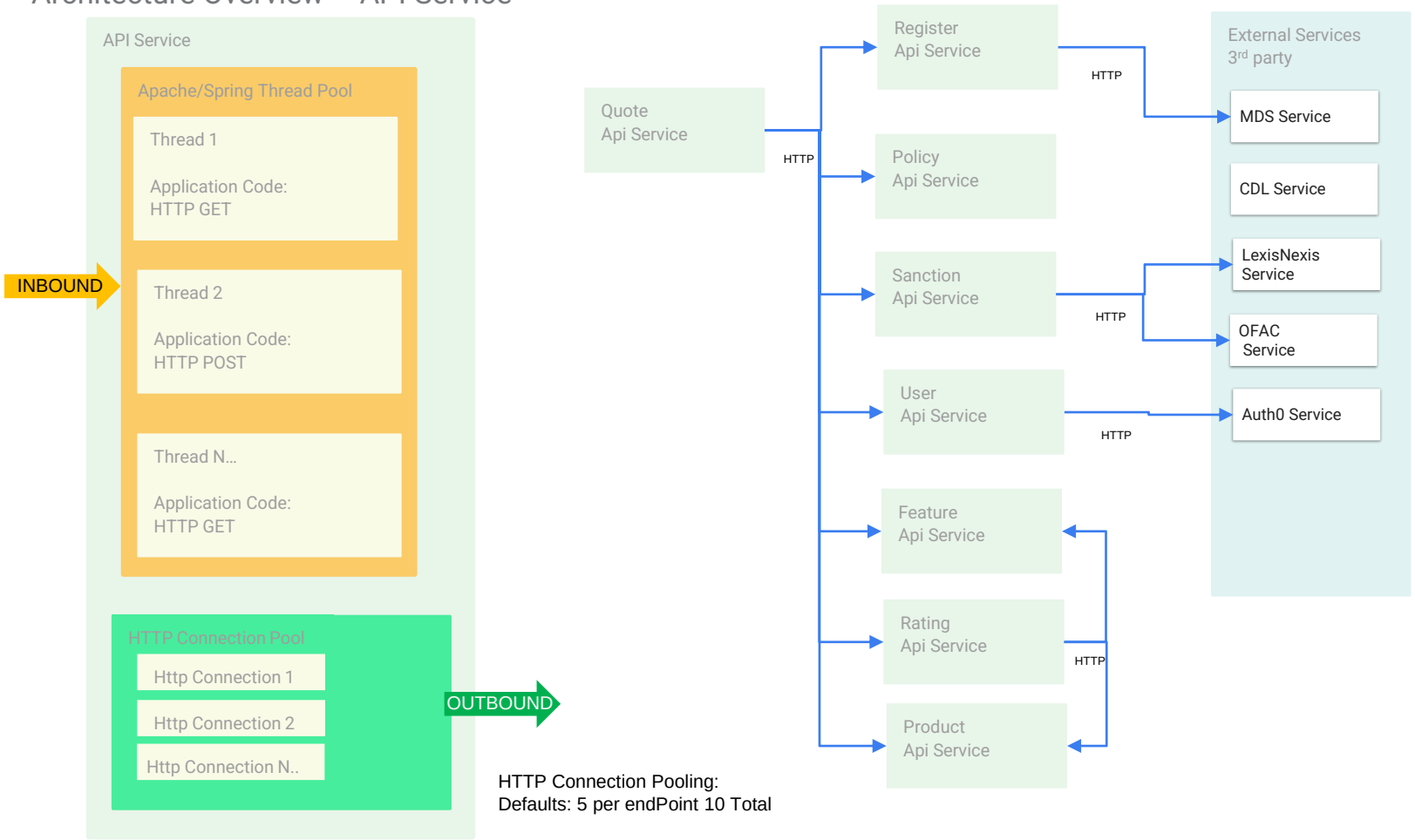


Project API Service
HTTP Connection Pooling

Architecture Overview



Architecture Overview – API Service

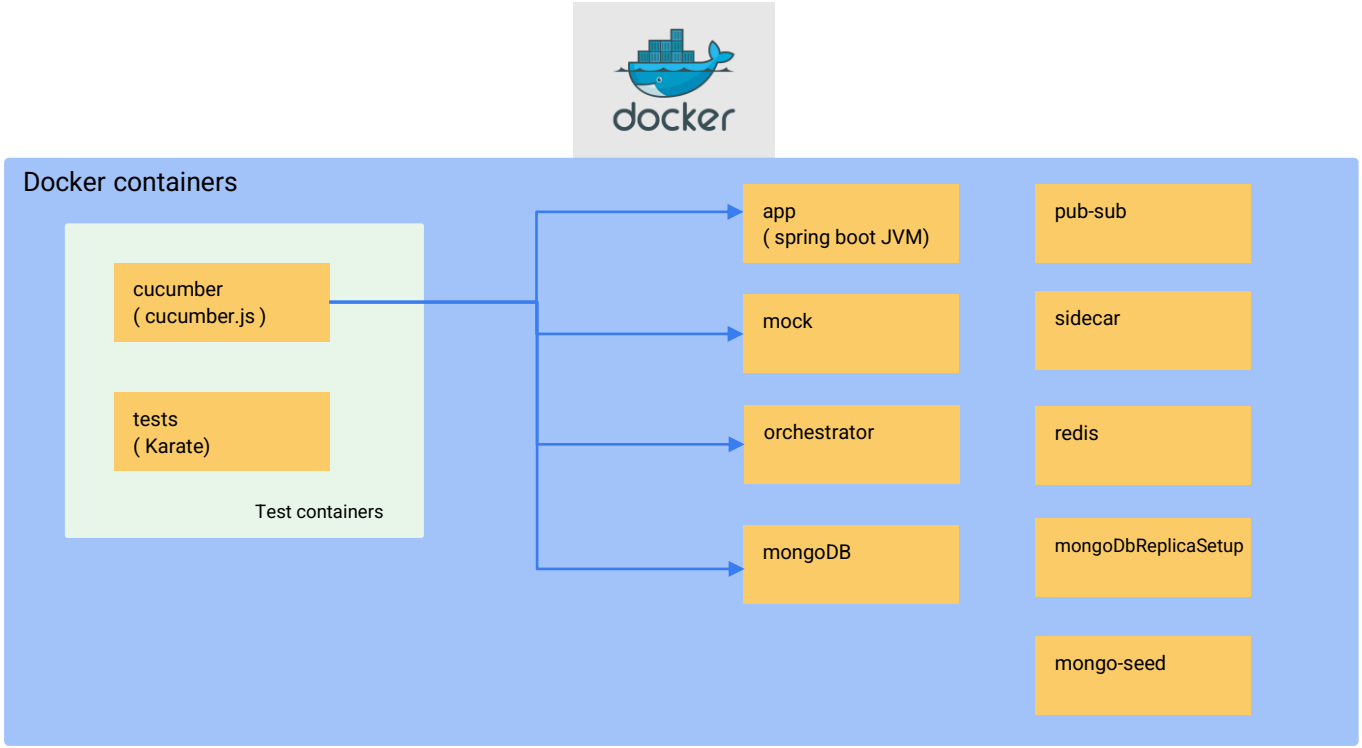


HTTP Connection Pooling:
Defaults: 5 per endPoint 10 Total

Changed code to implement HTTP Connection Pooling using new values as defined in config properties

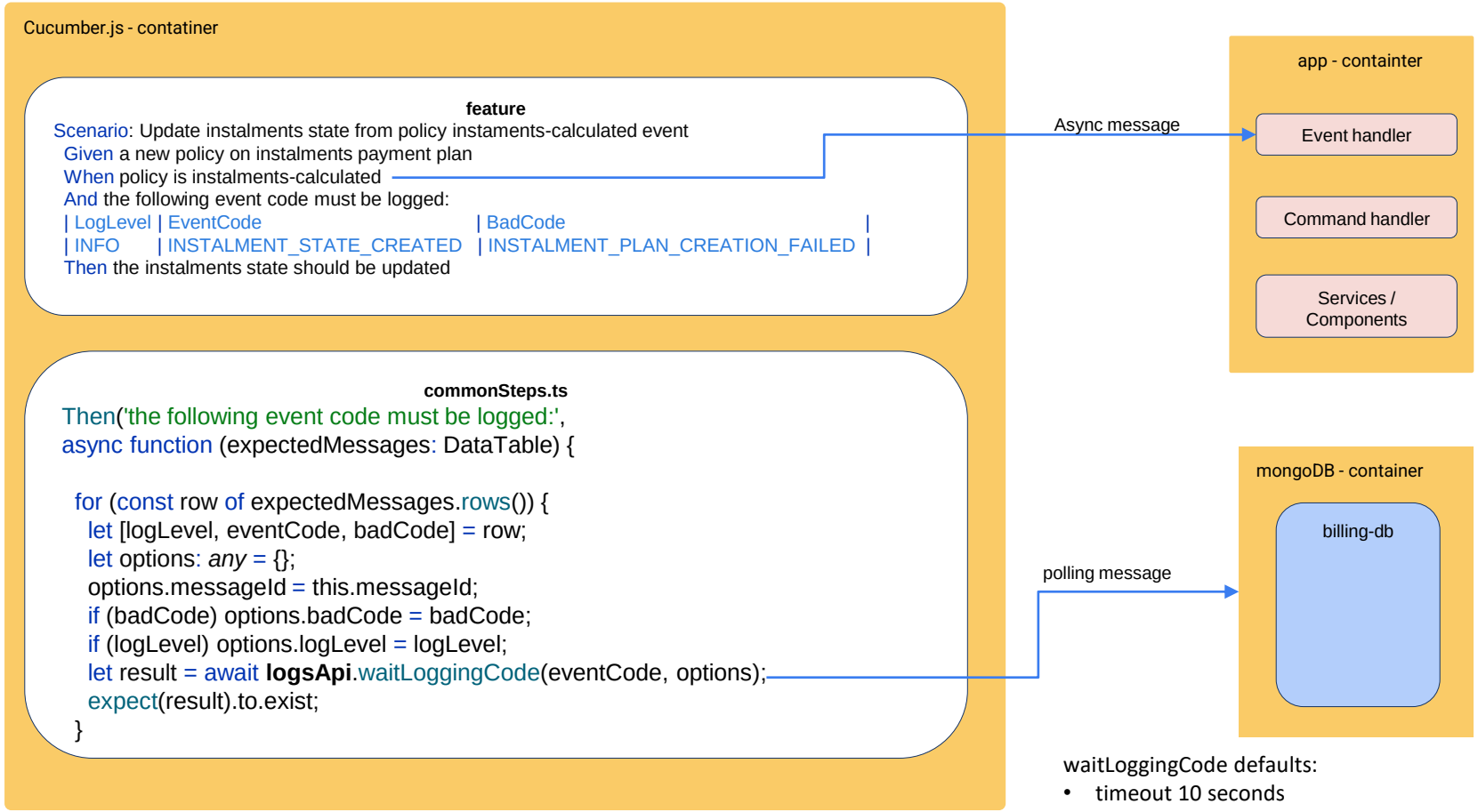
Project Cucumber.js
Integration Testing

Architecture Overview



- ✓ Additional, not replacement
- ✓ Use step definitions implemented by TS functions, calling external api (app, mock, orchestrator, mongoDB)
- ✓ Can be also used for future FE testing such as Cypress

Event logging – cucumber.js

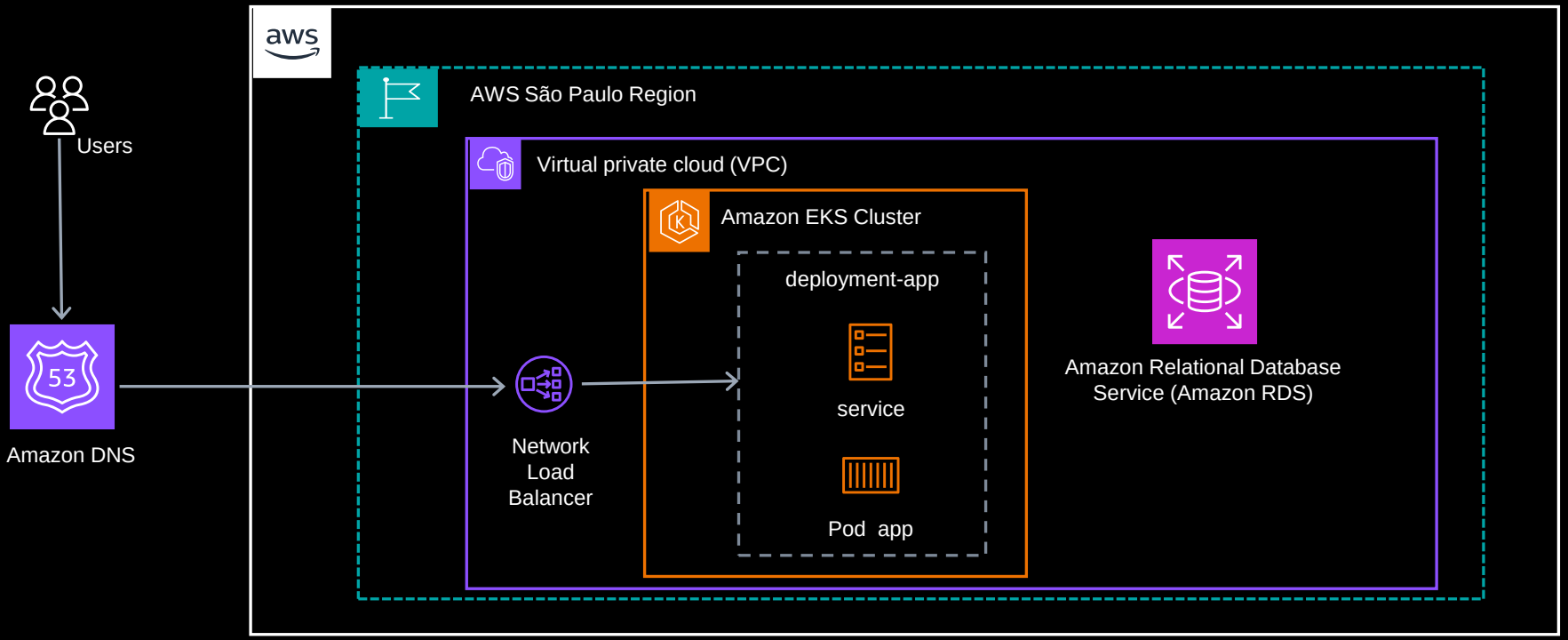


waitLoggingCode defaults:

- timeout 10 seconds
- waitInterval: 1 second

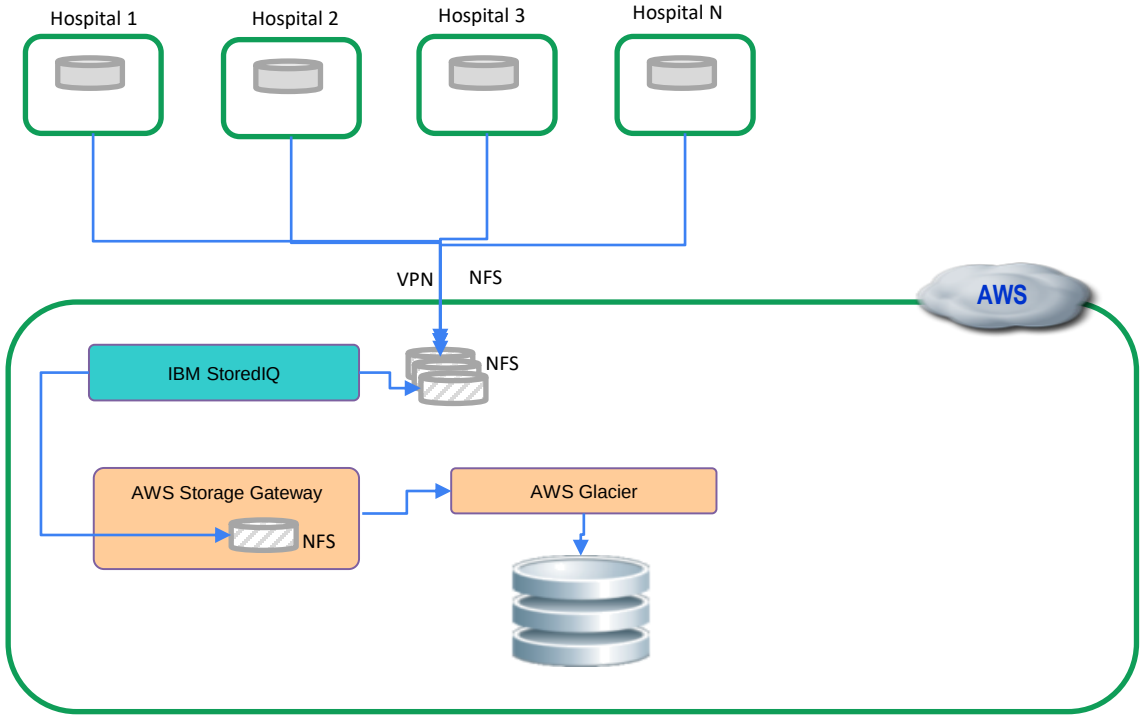
Project New platform

Overview AWS Architecture

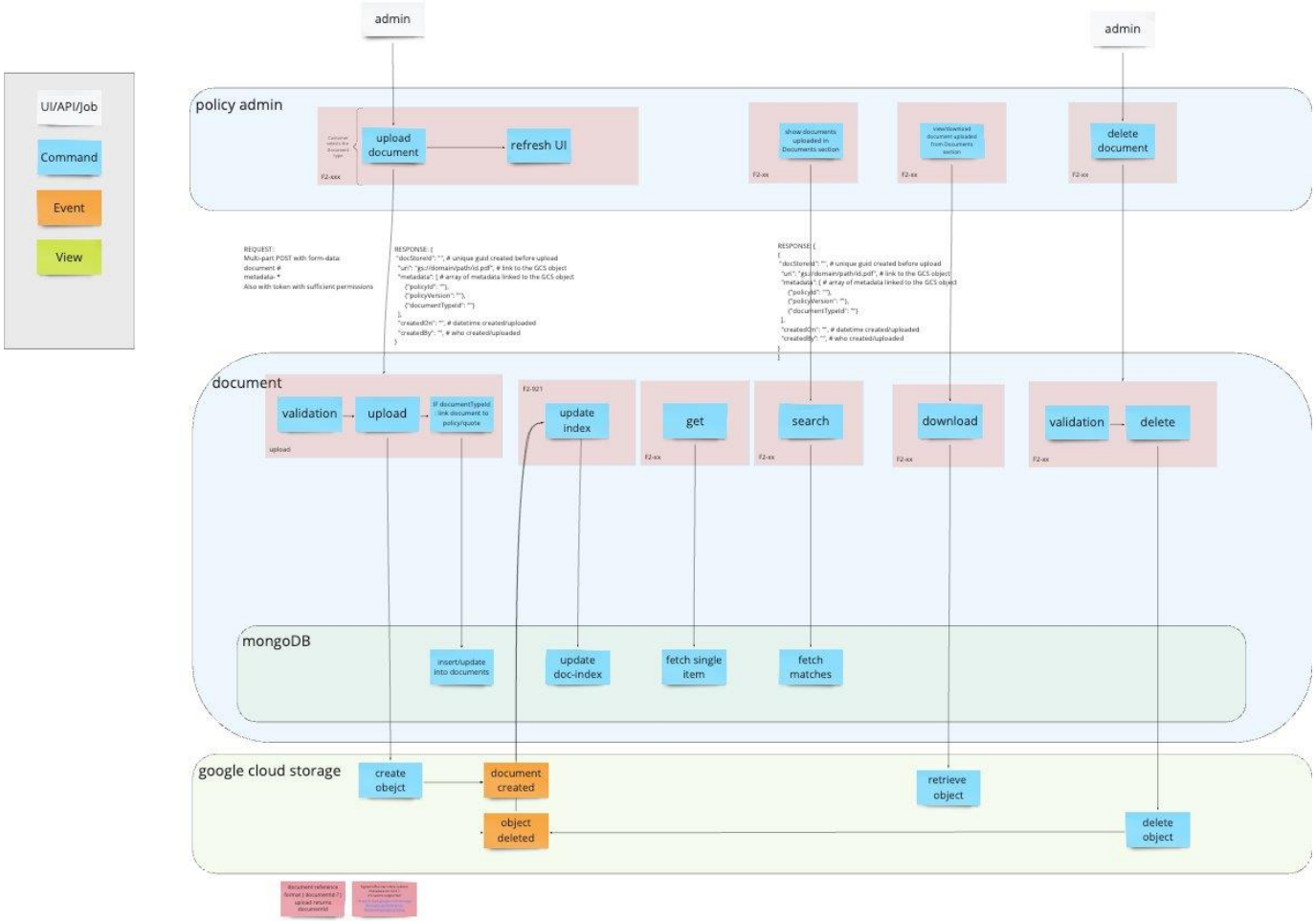


Project Archiving

Visão Geral da Arquitetura



Project Document upload


UI/API/Job
Command
Event
View
admin
admin
policy admin
upload document
refresh UI
show documents uploaded in Documents section
view/download document uploaded from Documents section
delete document
F2-xxx
REQUEST:
Multi-part POST with form-data:
document: *
metadata: *
Also with token with sufficient permissions
RESPONSE: {
"docStored": "", # unique guid created before upload
"uri": "gs://domain/path/id.pdf", # link to the GCS object
"metadata": [# array of metadata linked to the GCS object
{"policyId": ""},
{"policyVersion": ""},
{"documentTypeId": ""}
],
"createdOn": "", # datetime created/uploaded
"createdBy": "", # who created/uploaded
}
RESPONSE: {
"docStored": "", # unique guid created before upload
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{"policyId": ""},
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{"documentTypeId": ""}
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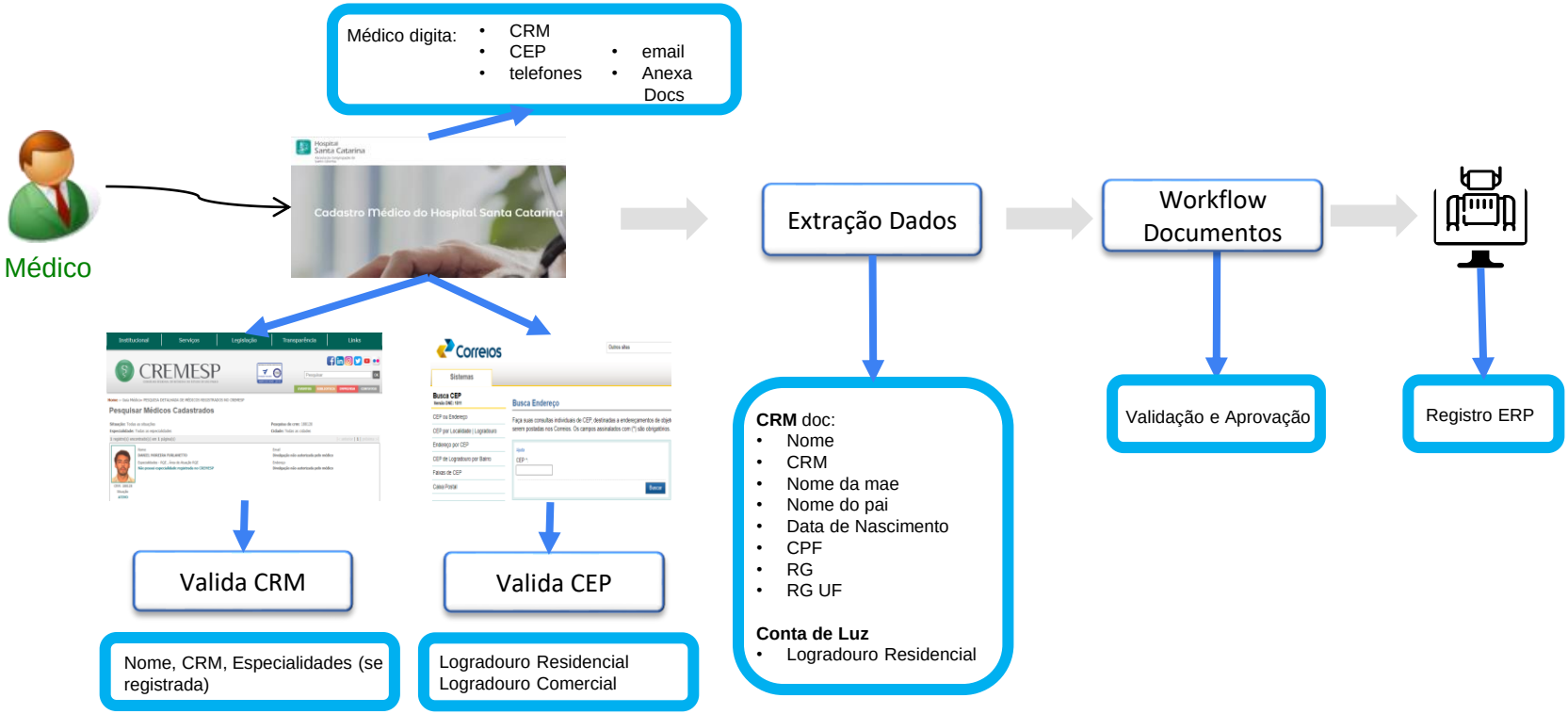
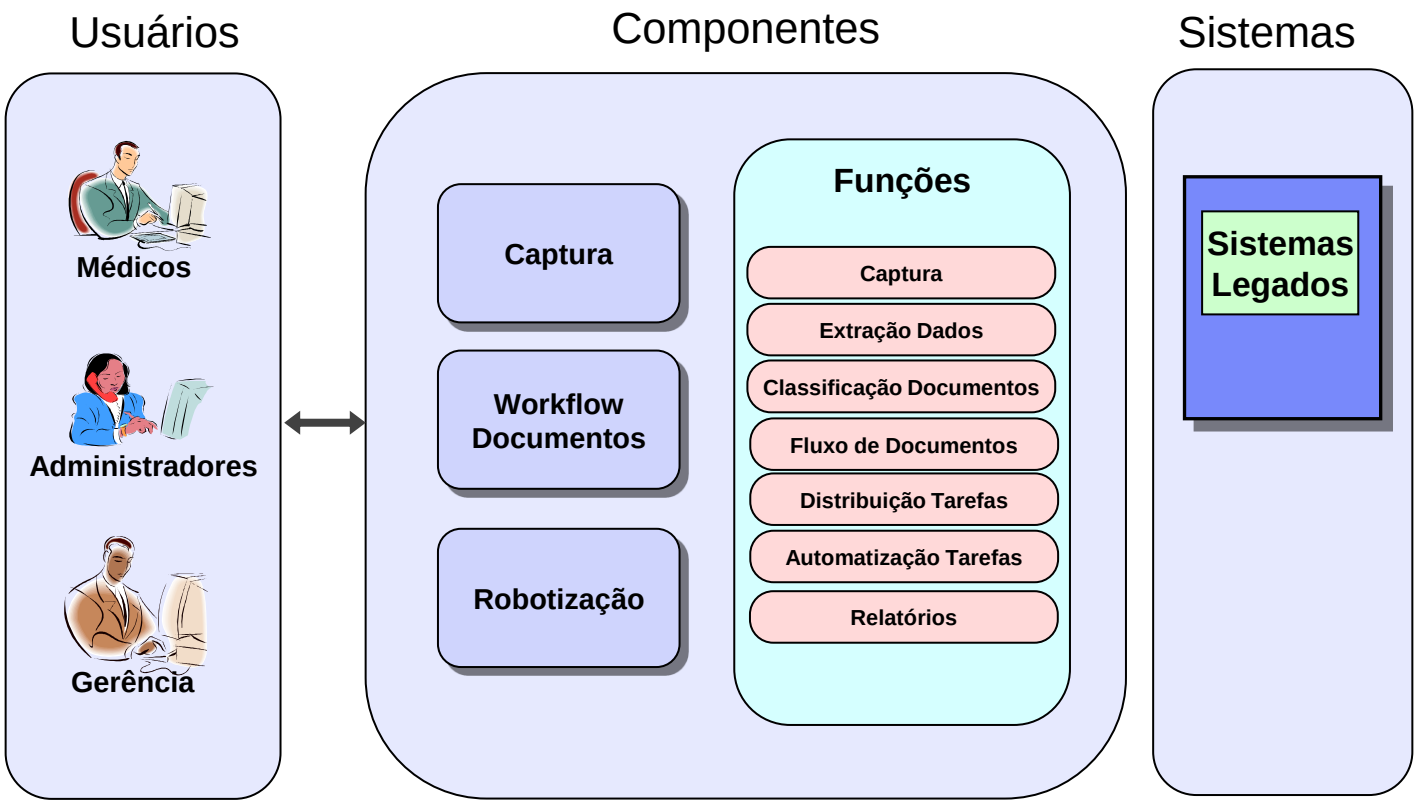
"createdOn": "", # datetime created/uploaded
"createdBy": "", # who created/uploaded
}
document
validation
upload
IF documentTypeId : link document to policy/quote
upload
F2-921
update index
get
search
download
validation
delete
F2-xxx
mongoDB
insert/update into documents
update doc-index
fetch single item
fetch matches
google cloud storage
create object
document created
object deleted
retrieve object
delete object

Project document workflow

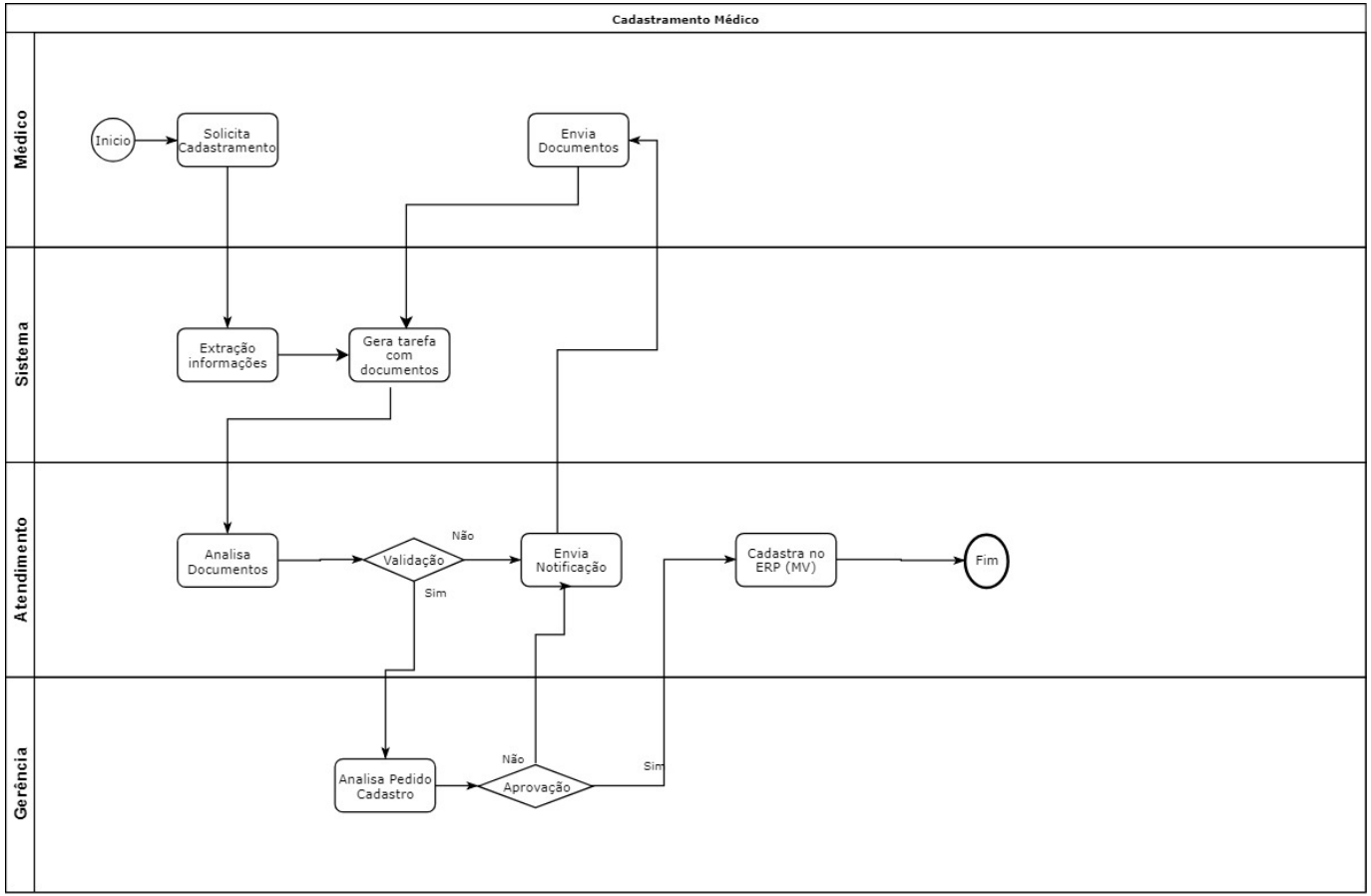
Overview


Médico digita:
CRM
CEP
telefones
email
Anexa Docs
Médico
Cadastro Médico do Hospital Santa Catarina
Extração Dados
Workflow Documentos
Validação e Aprovação
Registro ERP
Valida CRM
Valida CEP
Nome, CRM, Especialidades (se registrada)
Logradouro Residencial
Logradouro Comercial
CRM doc:
Nome
CRM
Nome da mae
Nome do pai
Data de Nascimento
CPF
RG
RG UF
Conta de Luz
Logradouro Residencial

Overview

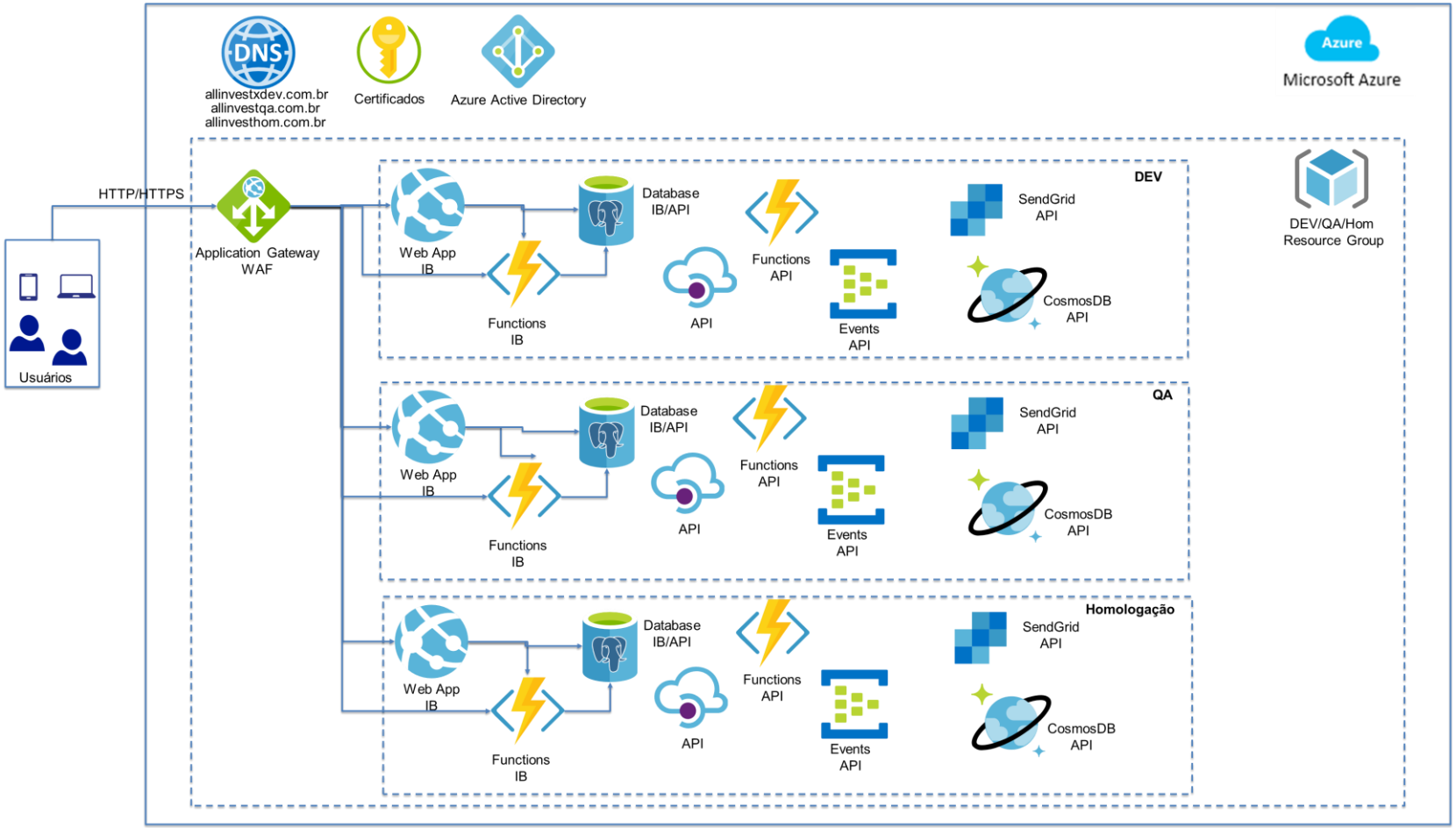

Usuários
Componentes
Sistemas
Médicos
Administradores
Gerência
Captura
Workflow Documentos
Robotização
Funções
Captura
Extração Dados
Classificação Documentos
Fluxo de Documentos
Distribuição Tarefas
Automatização Tarefas
Relatórios
Sistemas Legados

Overview

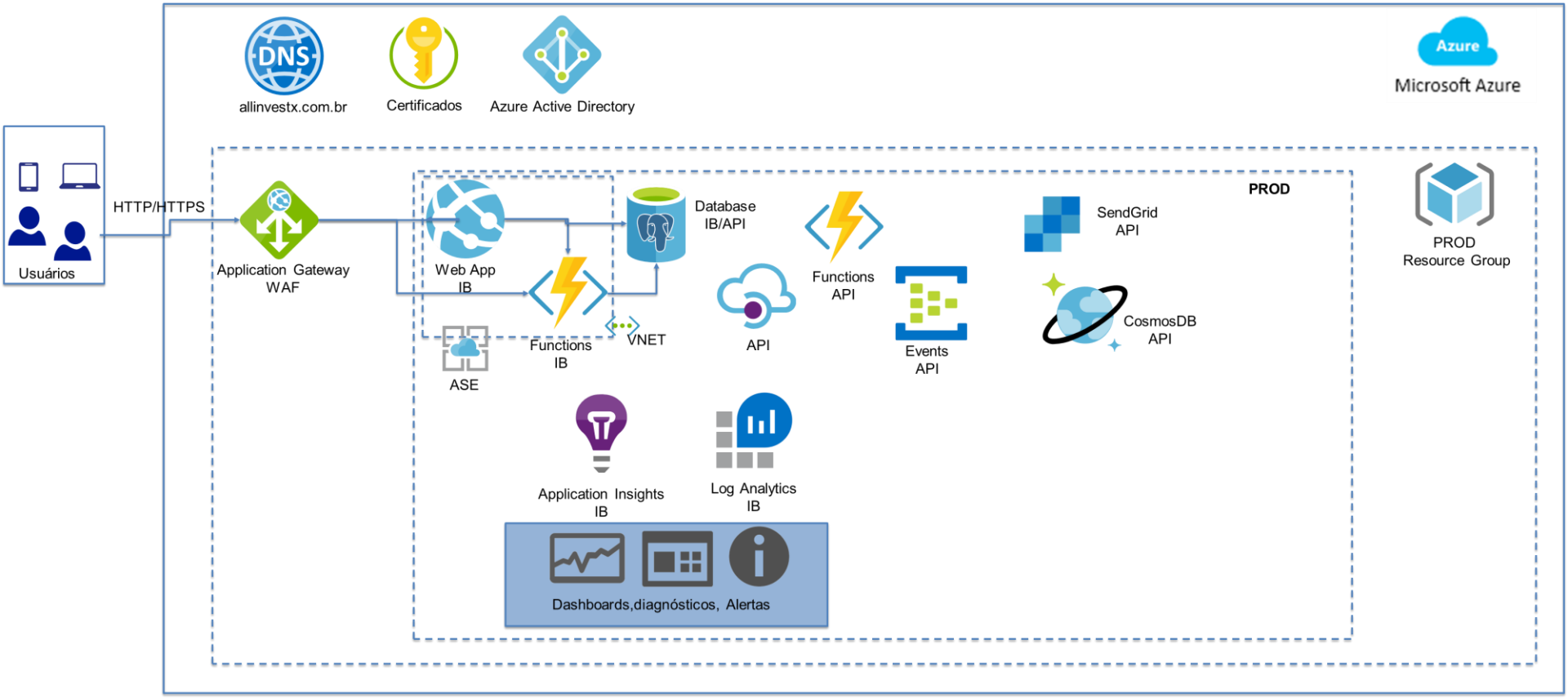

Cadastramento Médico
Médico
Sistema
Atendimento
Gerência
Inicio
Solicita Cadastramento
Envia Documentos
Extração informações
Gera tarefa com documentos
Analisa Documentos
Validação
Não
Sim
Envia Notificação
Cadastra no ERP (MV)
Fim
Analisa Pedido Cadastro
Aprovação
Não
Sim

Project Internet Banking

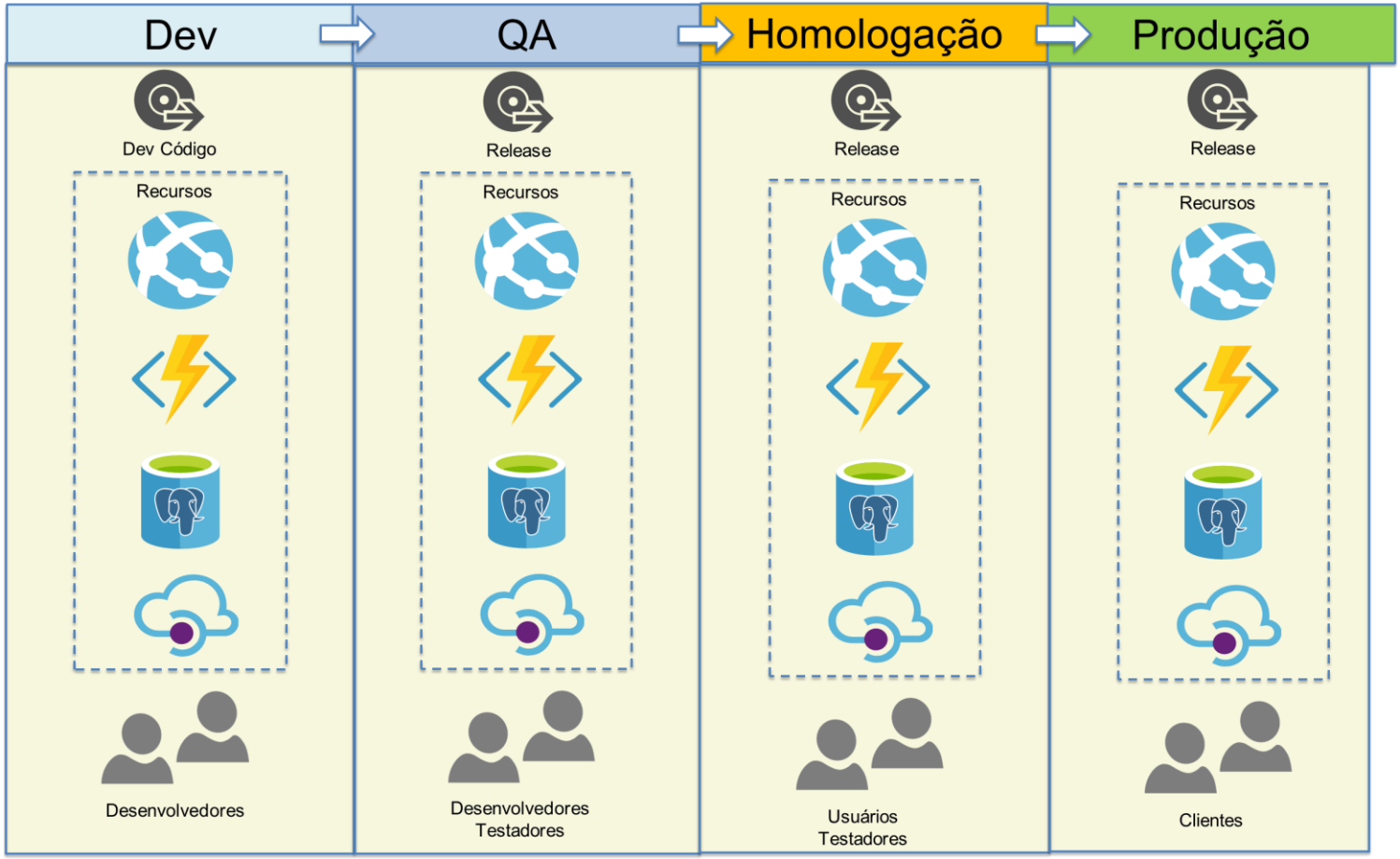
Architecture Overview – non production



Architecture Overview – production

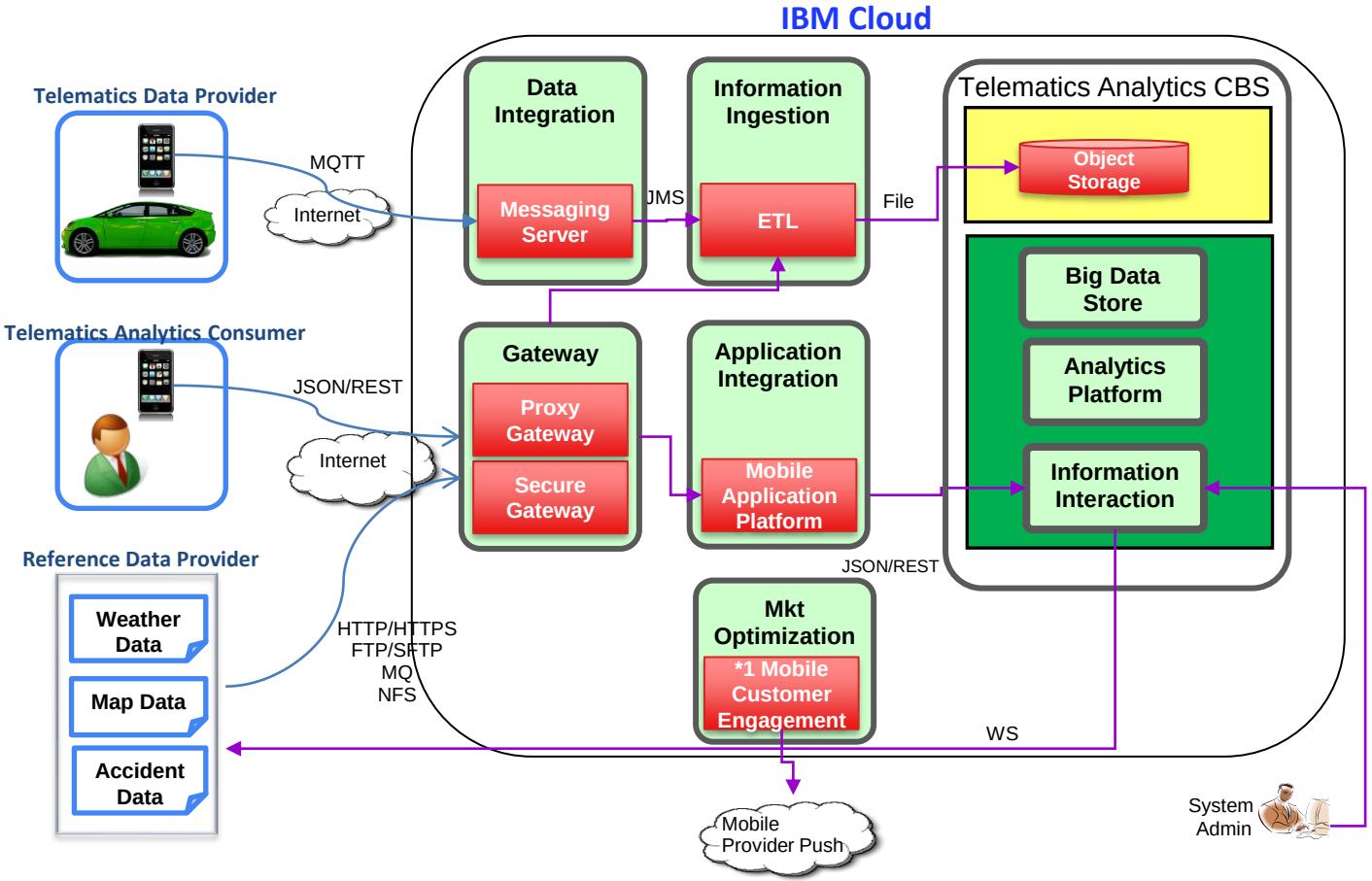


Architecture Overview – stages



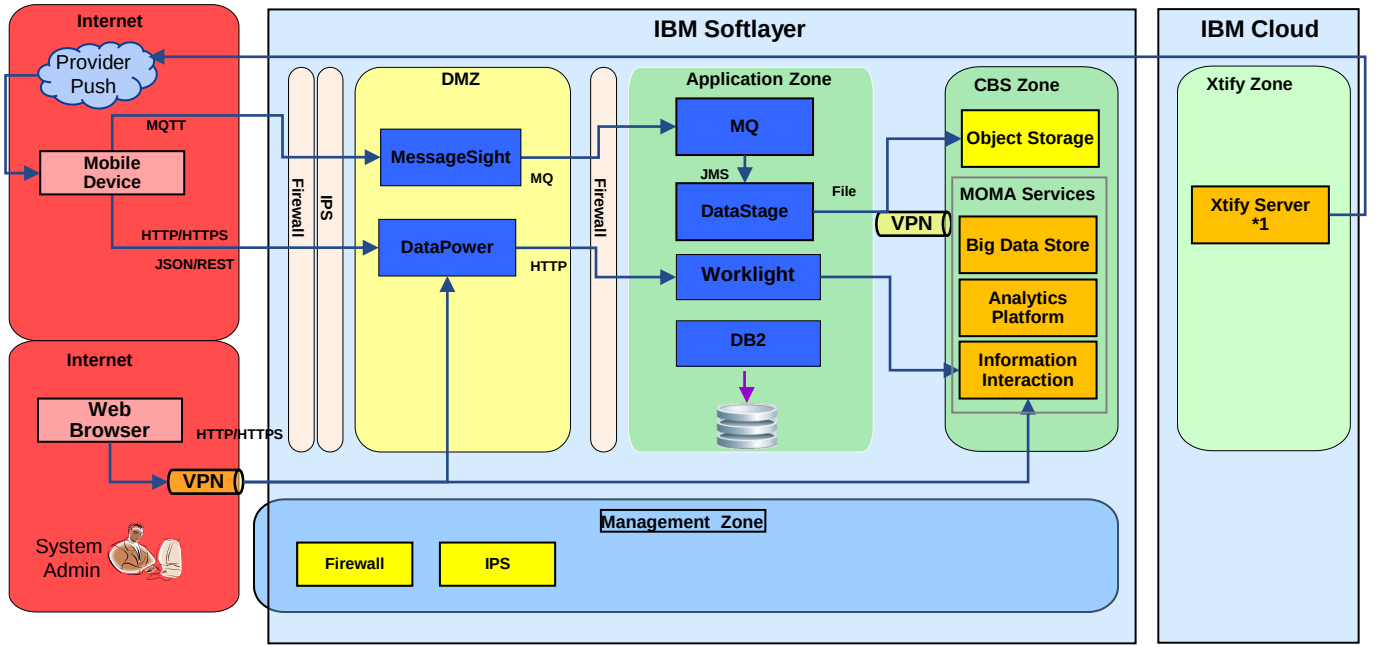
Project ConnectCar

Architecture Overview



*1 – Mobile Customer Engagement– Future Phase

Operational Model – Conceptual View

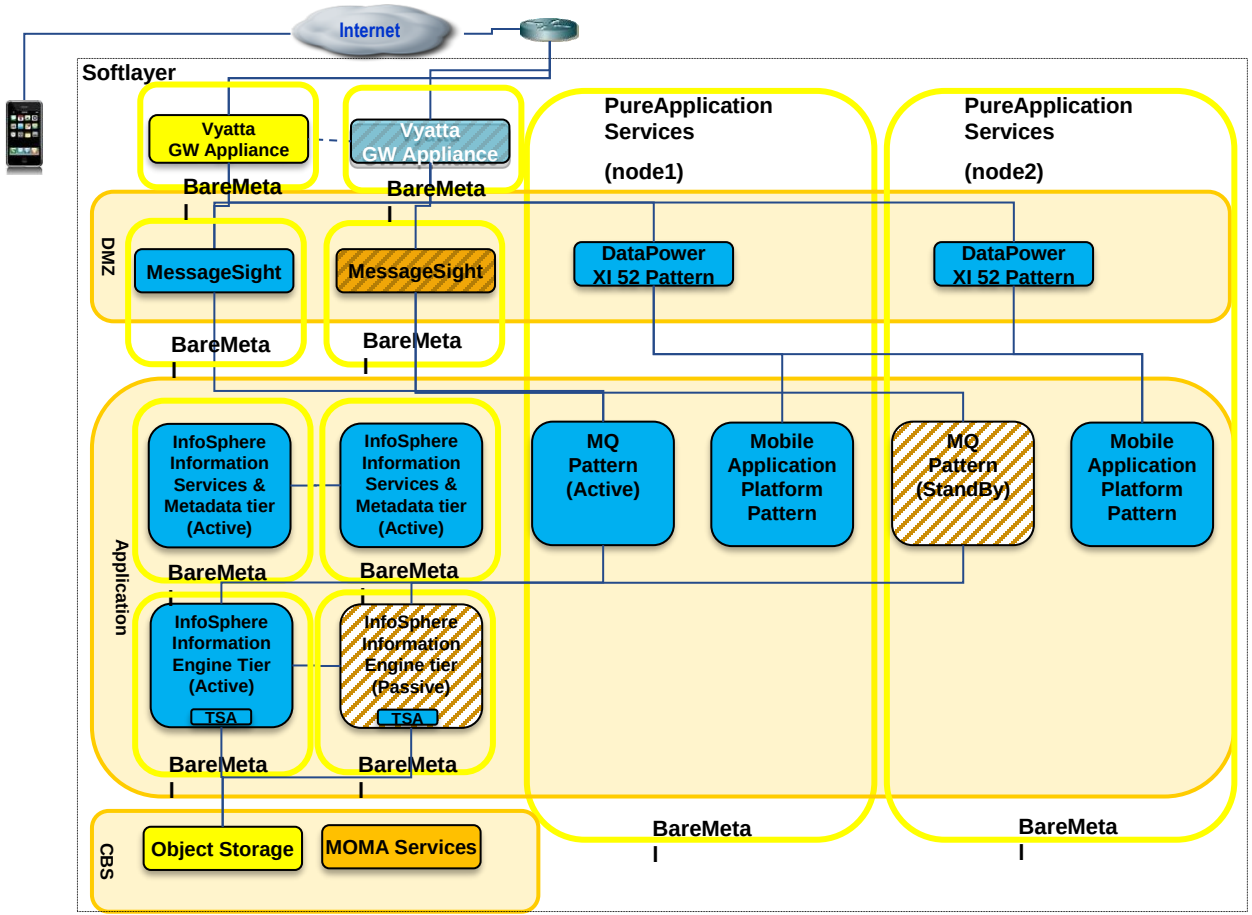


Acronymous:

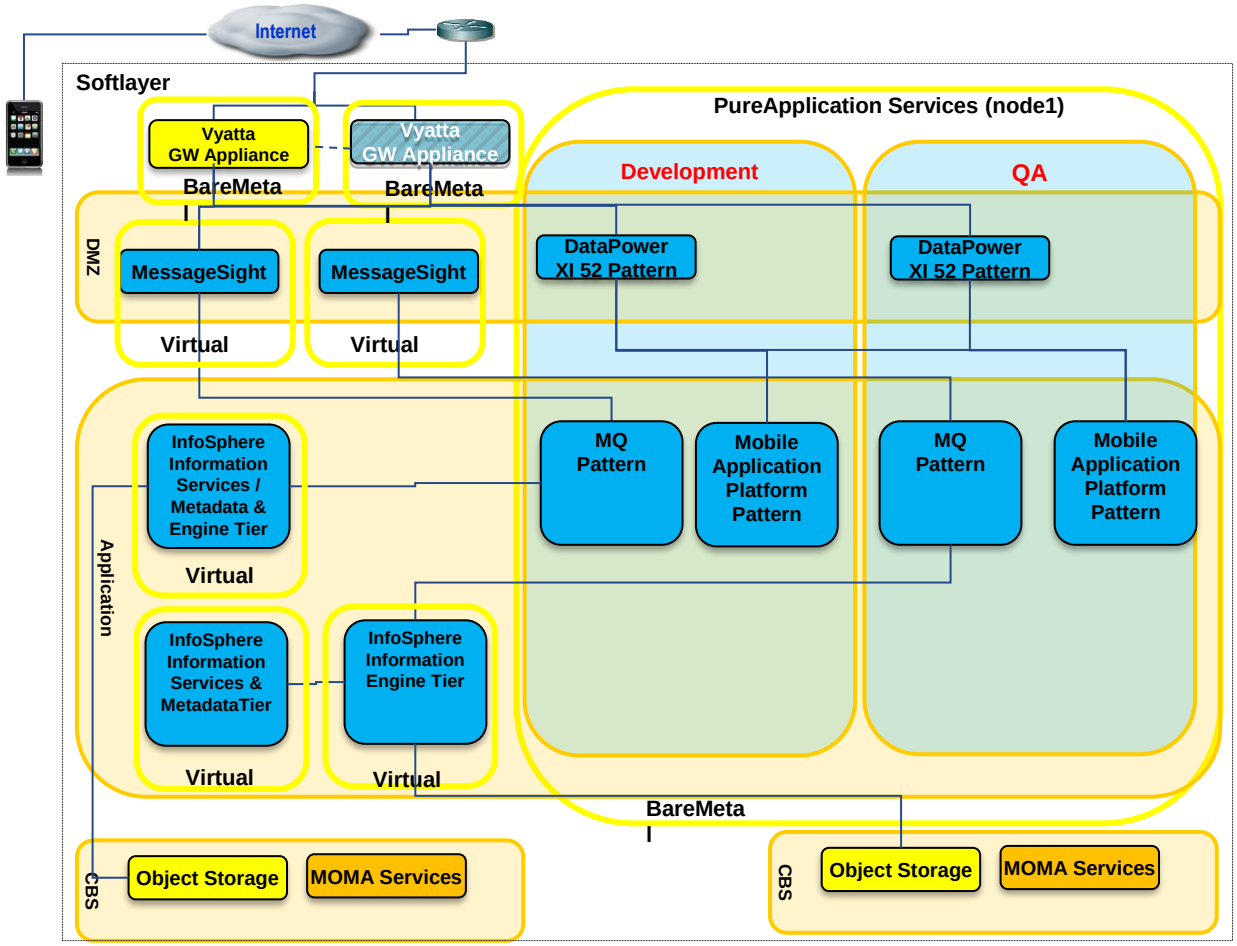
MessageSight– IBM MessageSight
DataPower– IBM DataPower
DB2 – IBM DB2
DataStage – IBM InfoSphere DataStage
Xtify – IBM Mobile Push Notification

*1 - Xtify – Future Phase

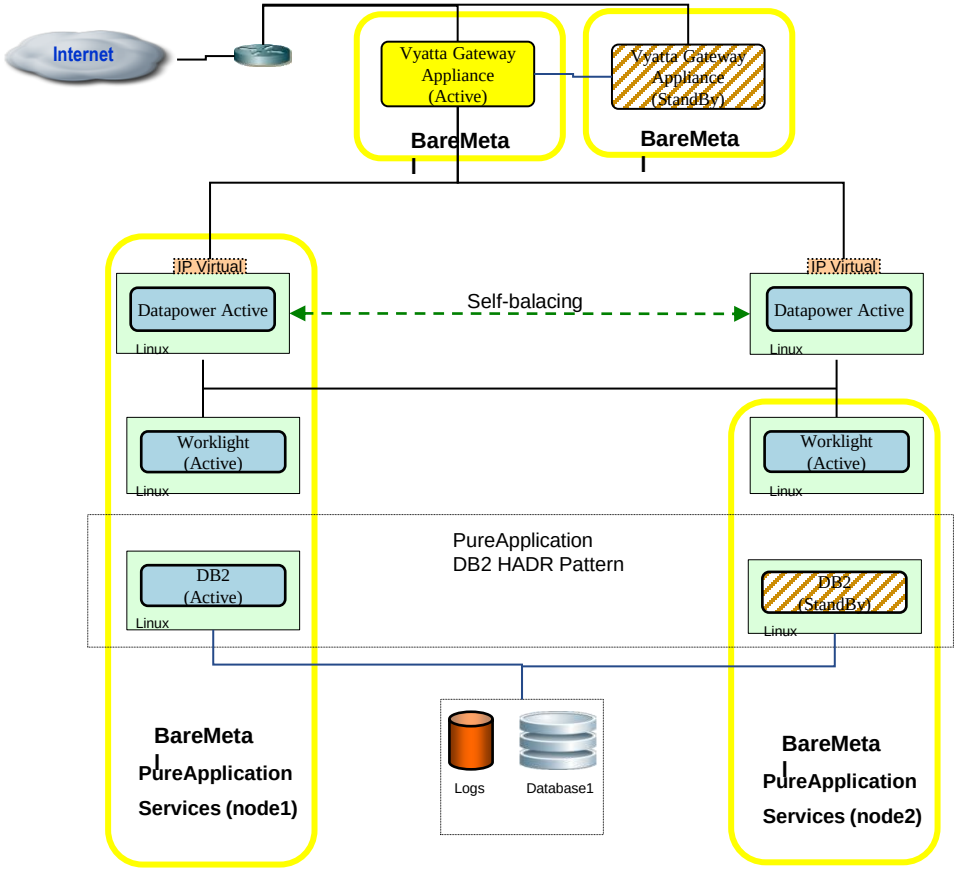
Archictecture Physical Operational Model – Production Environment



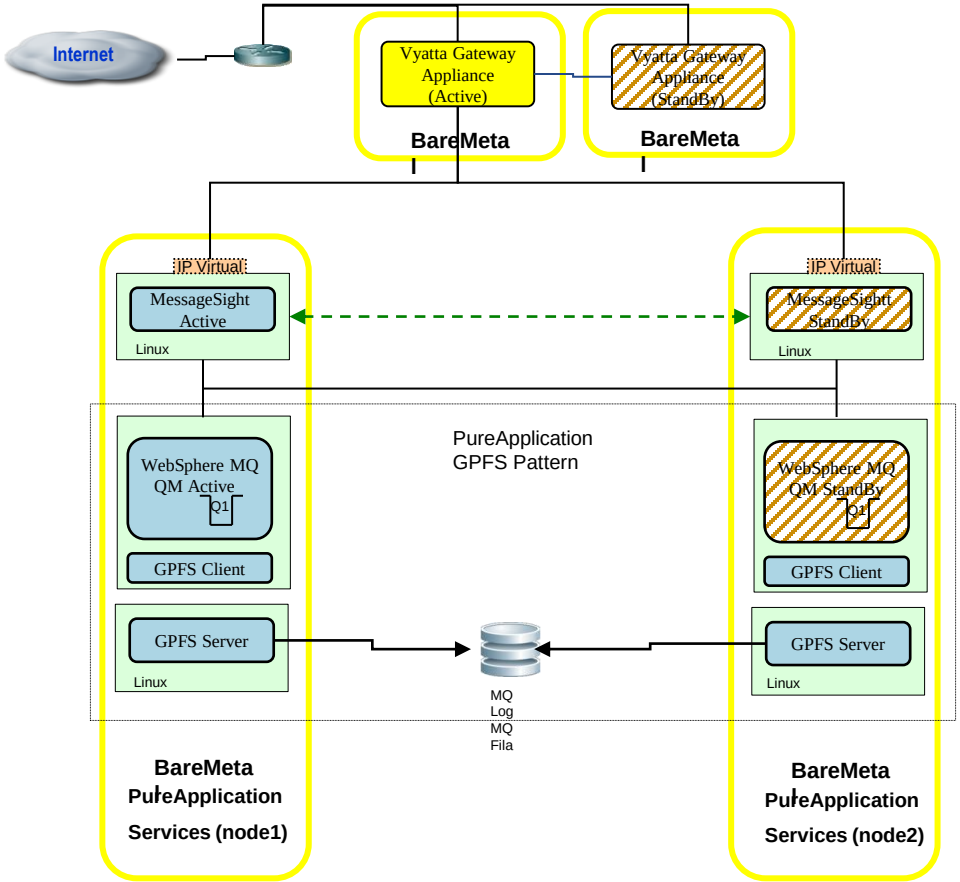
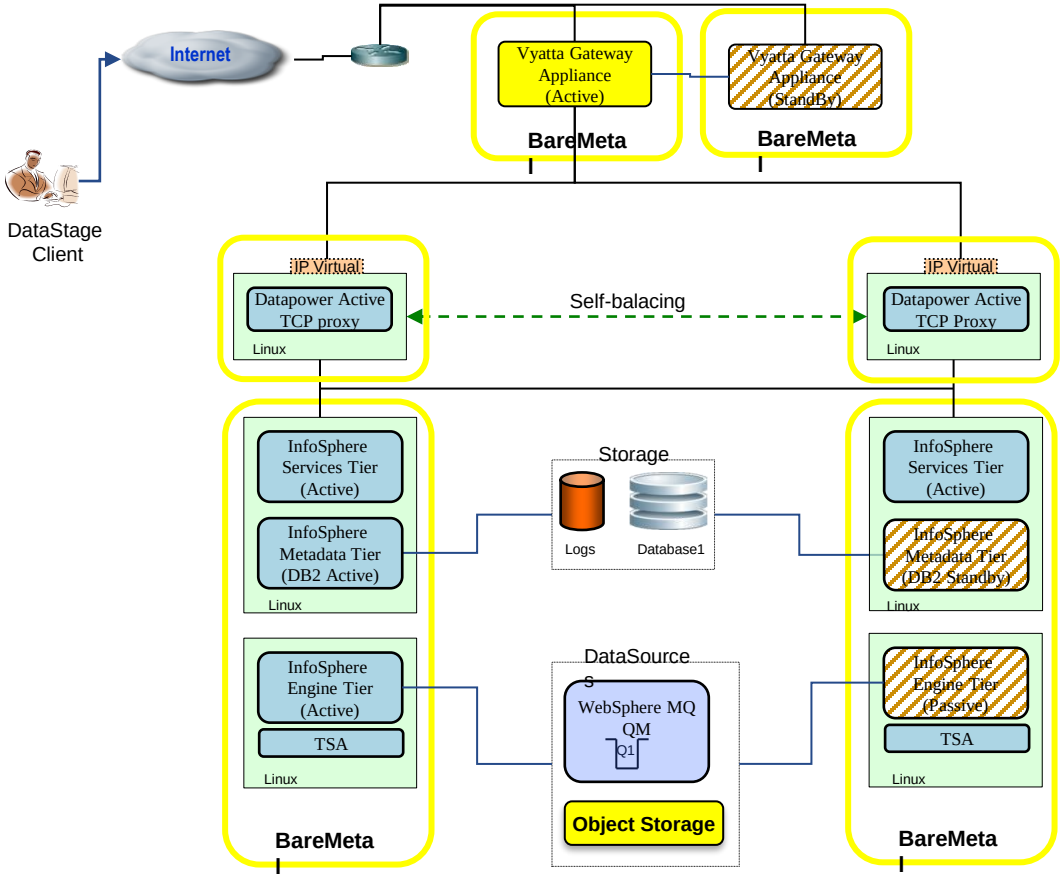
Archictecture Physical Operational Model – Non-Production Environment



HA Detail – WebSphere Worklight and Datapower Component



HA Detail – MessageSight and WebSphere MQ Component



HA Detail – InfoSphere DataStage Component