

Project: DataPF Services Modernization

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DataPF Project Introduction

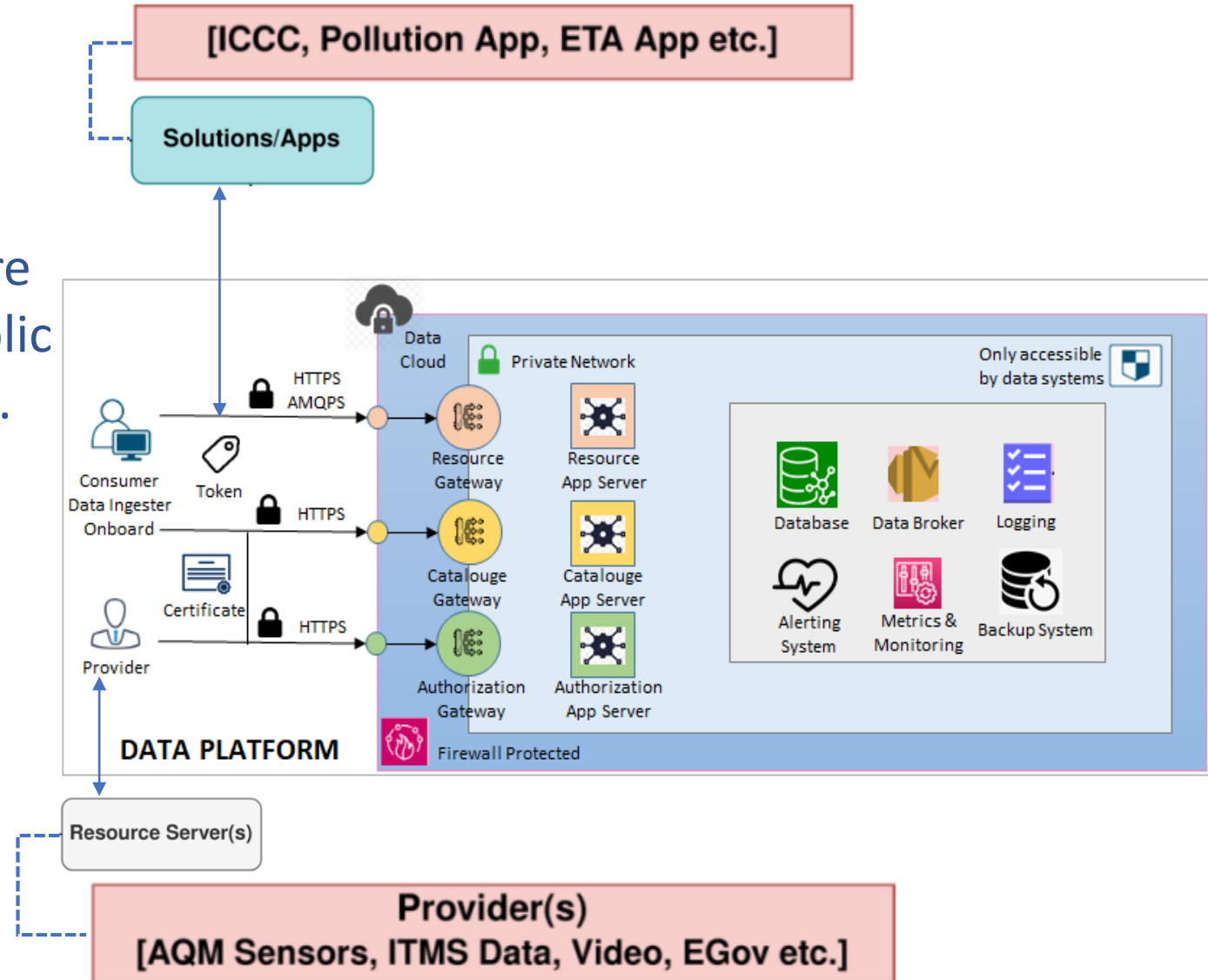
❑ DataPlatform(DataPF) PJ is an E2E Big Data Platform deployed over Private Cloud to facilitates controlled and secure any-to-any exchange of all forms of public and privately owned non-personal data.

❑ Set Of Services

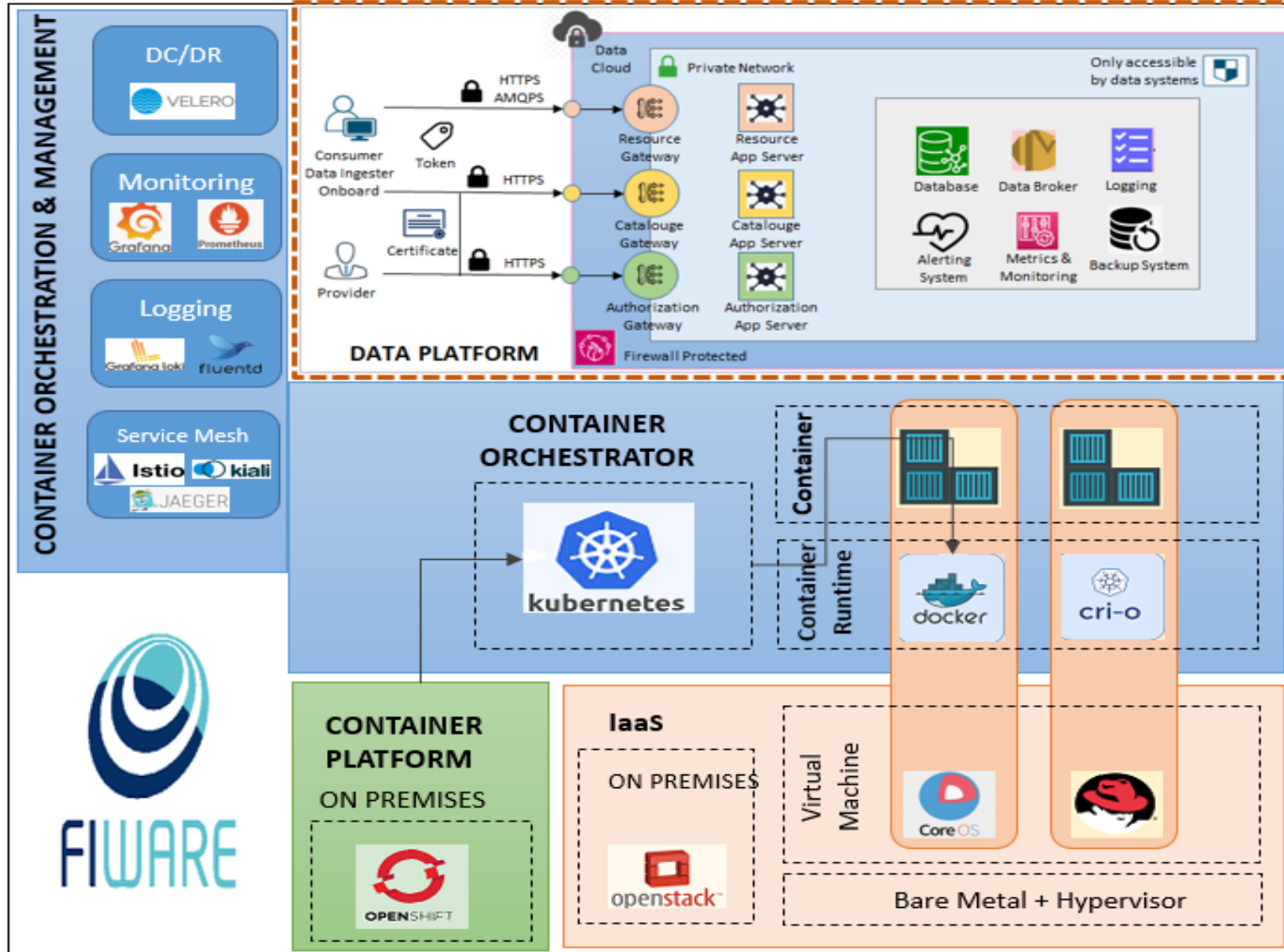
- Resource Application Service
- Catalog Application Service
- Authorization Application Service

❑ key stakeholders

- Data providers
- Data consumers

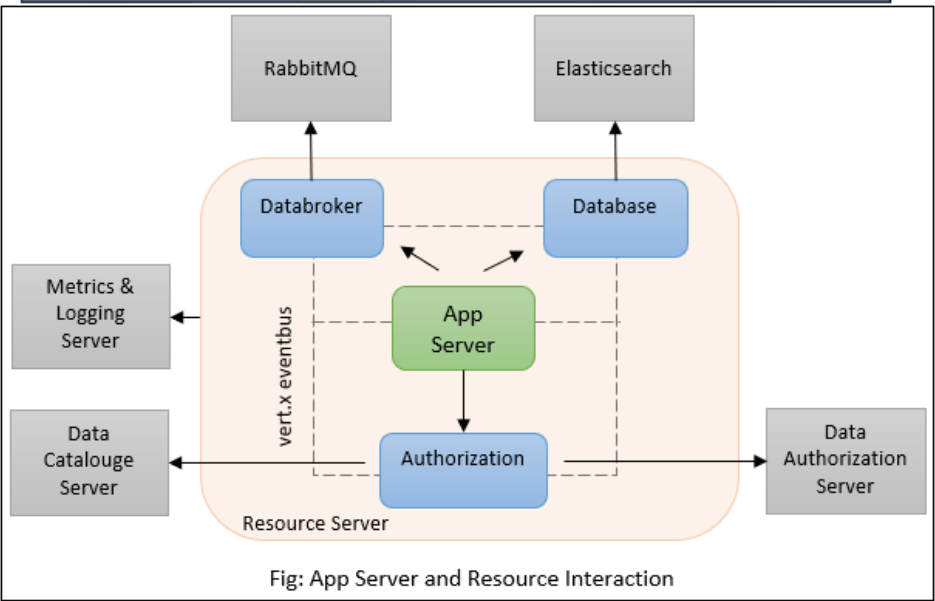


Deployment Architecture



Resource Application Service

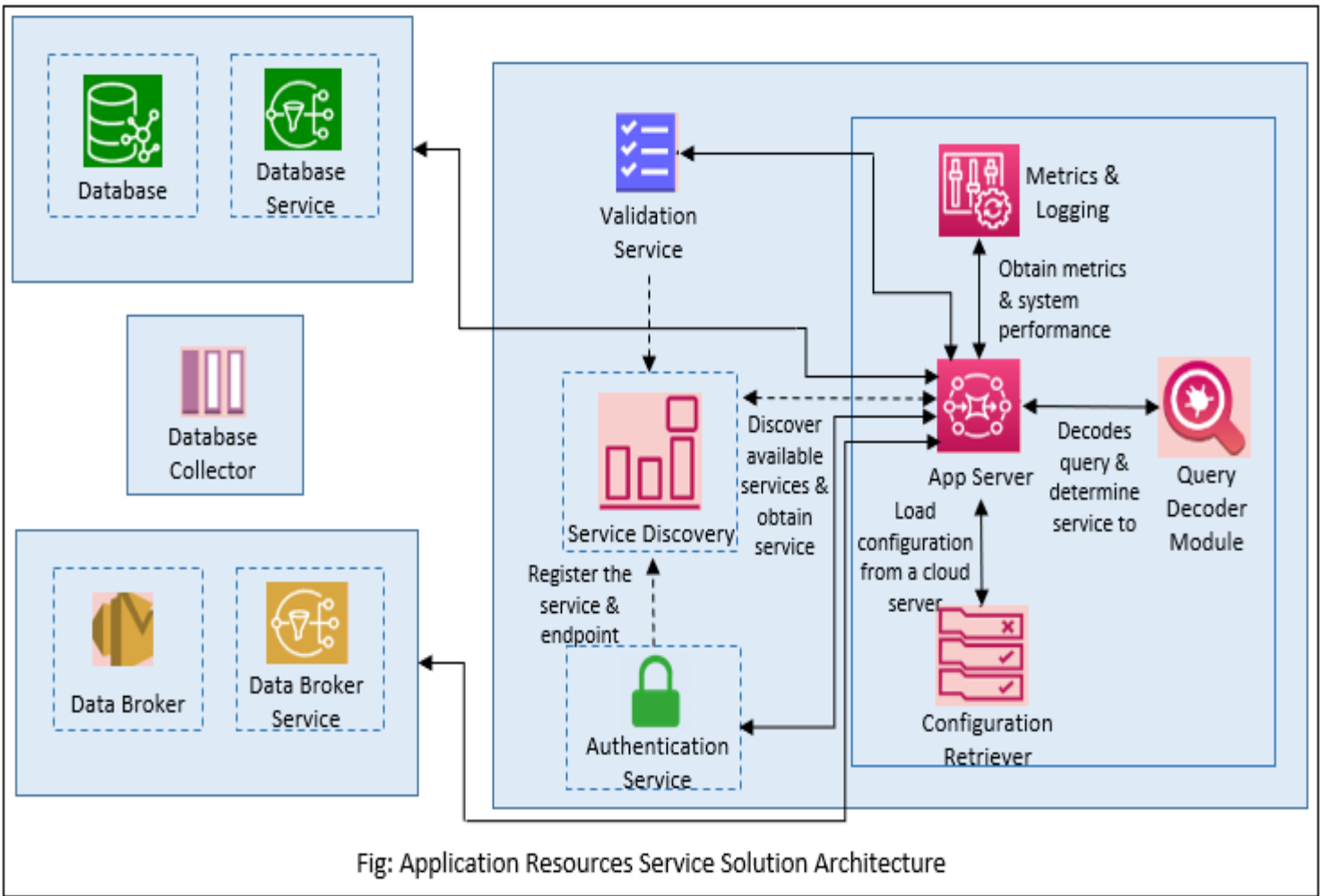
Resource Application Service Interactions



Example APIs

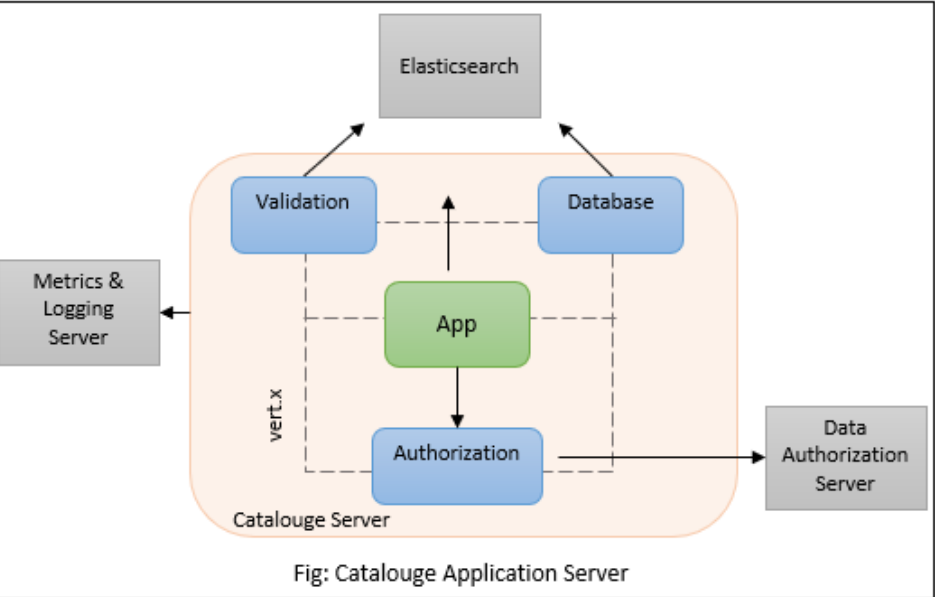
APIs	Method	Description
{path}/v1/entities/{id}	Get	Get latest data of a resource
{path}/v1/entityOperations/query	Post	Query a resource
{path}/v1/adapter/register(CRUD)	Post, PUT, DELETE	Create, Read, Update or Delete publishers (adapter)

Resource Application Service Architecture



Catalog Application Service

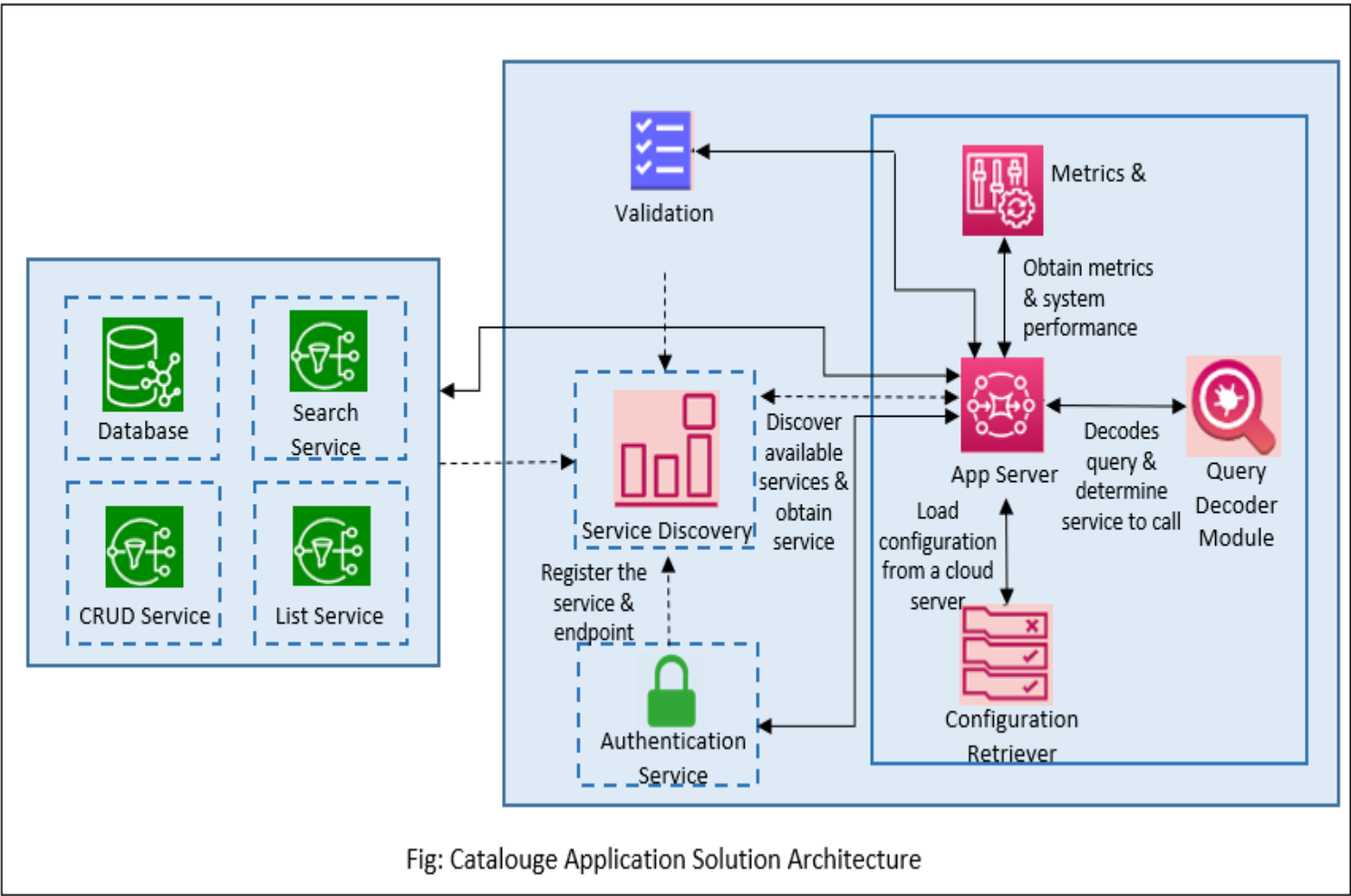
Catalog Application Service Interactions



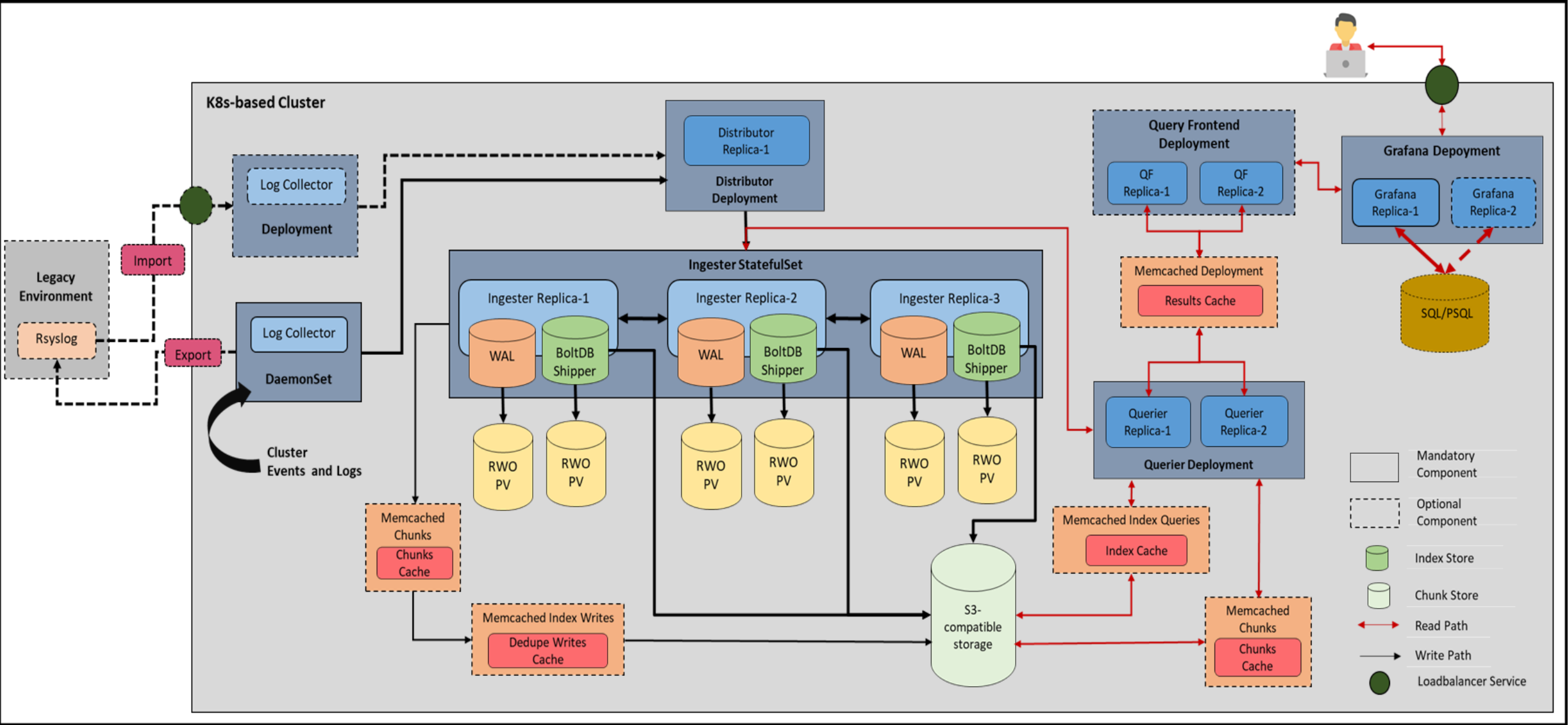
Example APIs

APIs	Method	Description
{path}/cat/v1/search	Get	Discover resources, its owner, data-descriptor etc.
{path}/cat/v1/item	Post	CRUD of items

Catalog Application Service Architecture



Centralized Logging & Monitoring Solution (Reference Model)



Thank You