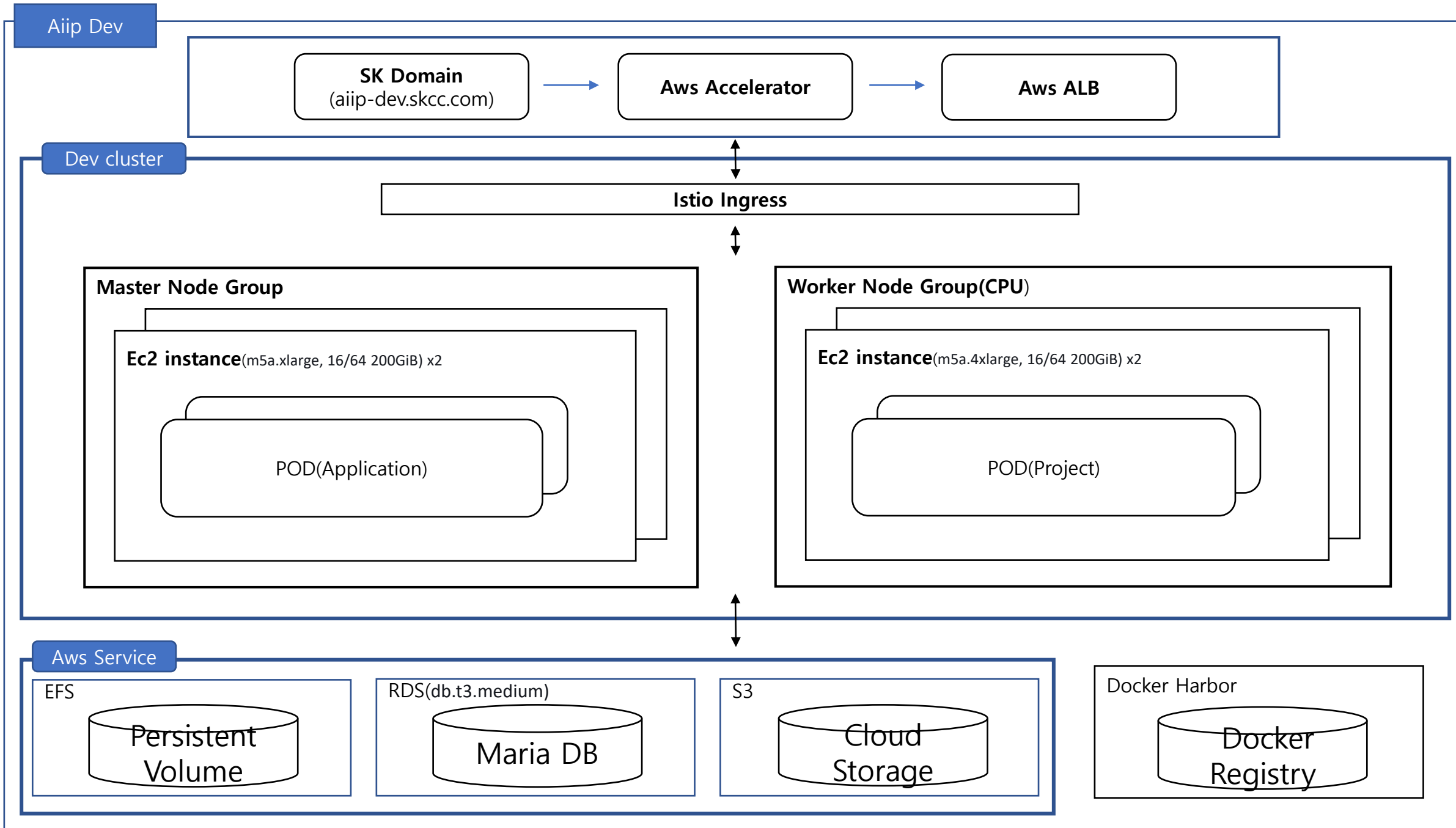


# Accutuning - AWS



\* Running 상태로 계속해서 사용되어야 하는 Pod(Application 전용)는 Master Node에 할당된다

EC2 Instance

**Aiip-common namespace**

Pod  
(sso, filemanager,  
aiip front, backend....)

**Aiip-modeler namespace**

Pod  
(modeler api, storage,  
gitlab)

**Aiip-pipeline namespace**

Pod  
(pipeline backend, core,  
kafka, livy ...)

**Aiip-runtime namespace**

Pod  
(runtime web, ifservice,  
monitoring...)

**Aiip-tuning namespace**

Pod  
(accutuning master, celery,  
db, rabbitmq)

**Aiip-bi namespace**

Pod  
(bi-backend)

**Aiip-datarobot**

Pod  
(datarobot-backend)

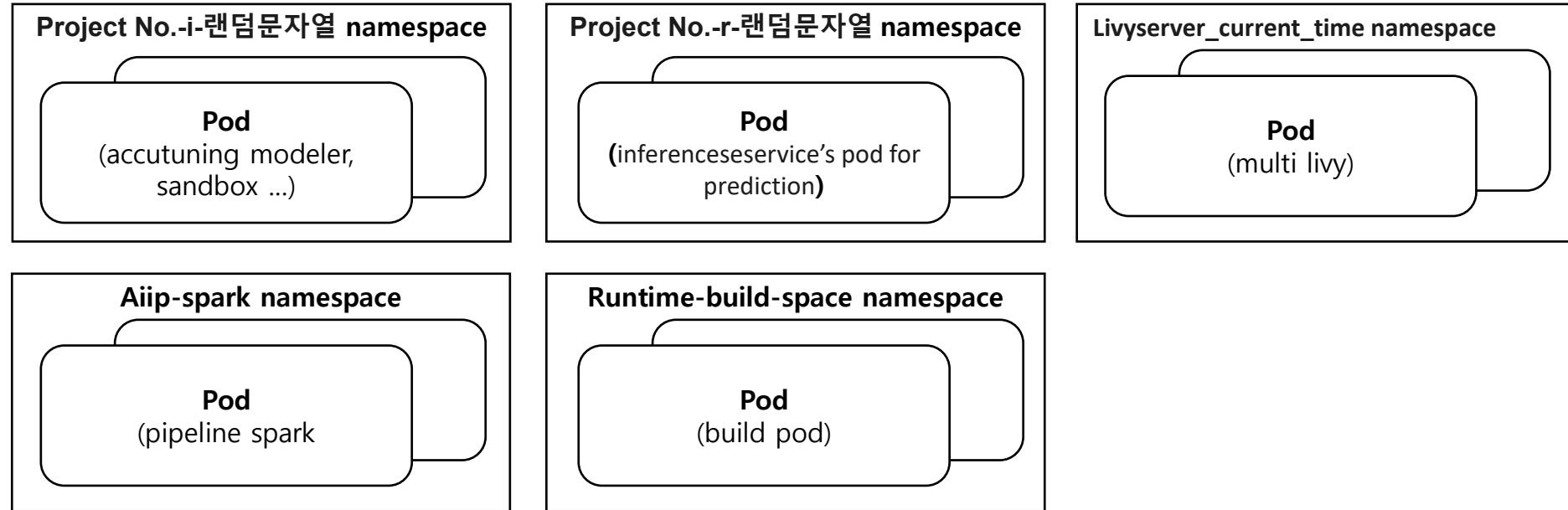
**Other namespace(for system)**

Pod  
(knative-serving ...)

## Worker Node Group

\* Project 생성시 사용되었다가 반납되는 Pod(Project 전용)는 worker node에 할당된다

### EC2 Instance



# Accuinsight+ 3.0 – Stage Cluster

## Aiip Stage

**SK Domain**  
(aiip-stage.skcc.com)

**Aws Accelerator**

**Aws ALB**

## Stage cluster

**Istio Ingress**

### Master Node Group

**Ec2 instance**  
(m5a.4xlarge, 16/64 200GiB) x2

POD(Application)

### Worker Node Group(CPU)

**Ec2 instance**  
(m5a.4xlarge, 16/64 200GiB) x2

POD(Project)

### Worker Node Group(Runtime)

**Ec2 instance**  
(m5a.4xlarge, 16/64 200GiB) x1

POD(Project)

## Aws Service

EFS

Persistent  
Volume

RDS(db.t3.xlarge)

Maria DB

S3

Cloud  
Storage

Docker Harbor

Docker  
Registry

\* Running 상태로 계속해서 사용되어야 하는 Pod(Application 전용)는 Master Node에 할당된다

EC2 Instance

**Aiip-common namespace**

Pod  
(sso, filemanager,  
aiip front, backend....)

**Aiip-modeler namespace**

Pod  
(modeler api, storage,  
gitlab)

**Aiip-pipeline namespace**

Pod  
(pipeline backend, core,  
kafka ...)

**Aiip-runtime namespace**

Pod  
(runtime web, ifservice,  
monitoring...)

**Aiip-tuning namespace**

Pod  
(accutuning master, celery,  
db, rabbitmq)

**Aiip-bi namespace**

Pod  
(bi-backend)

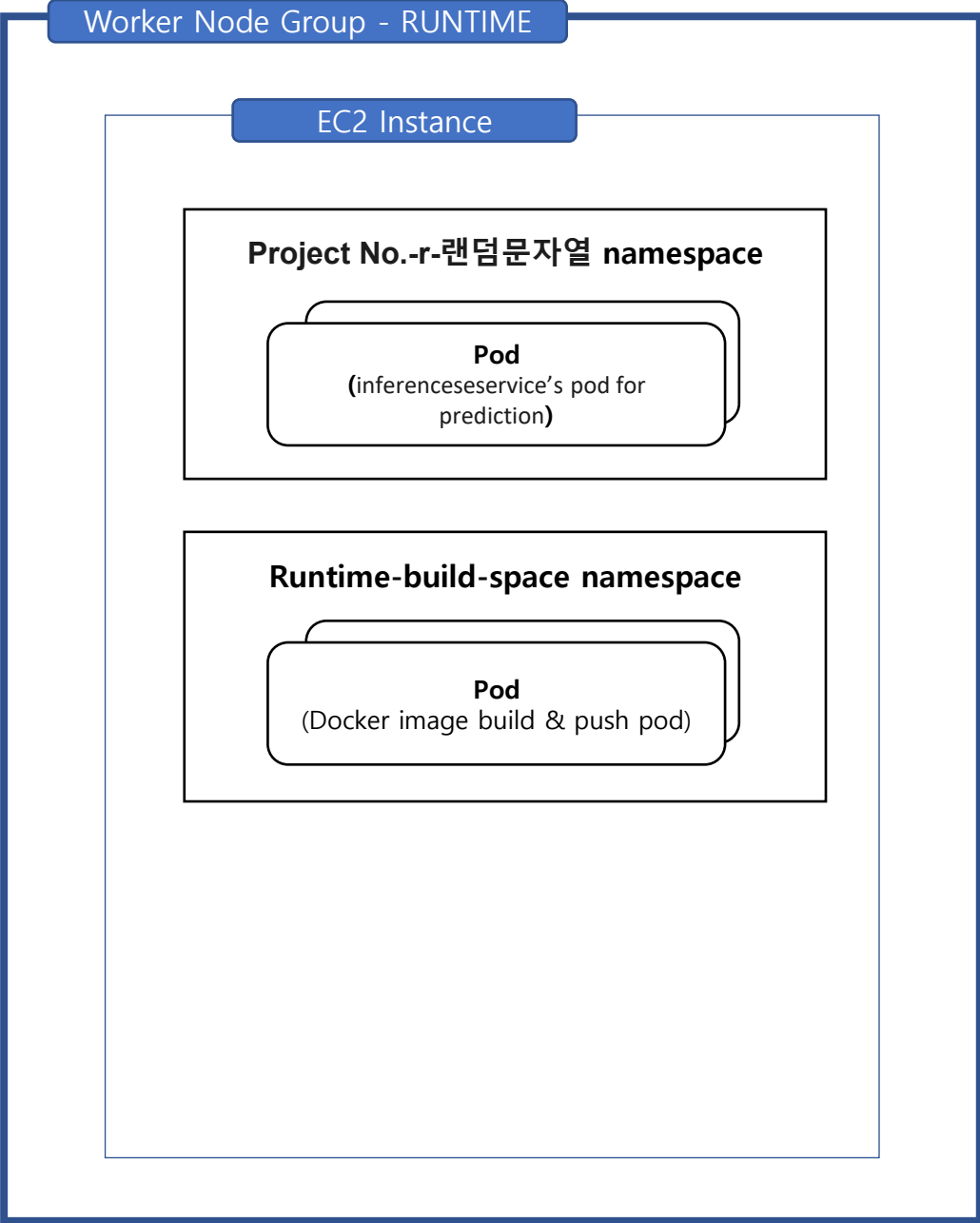
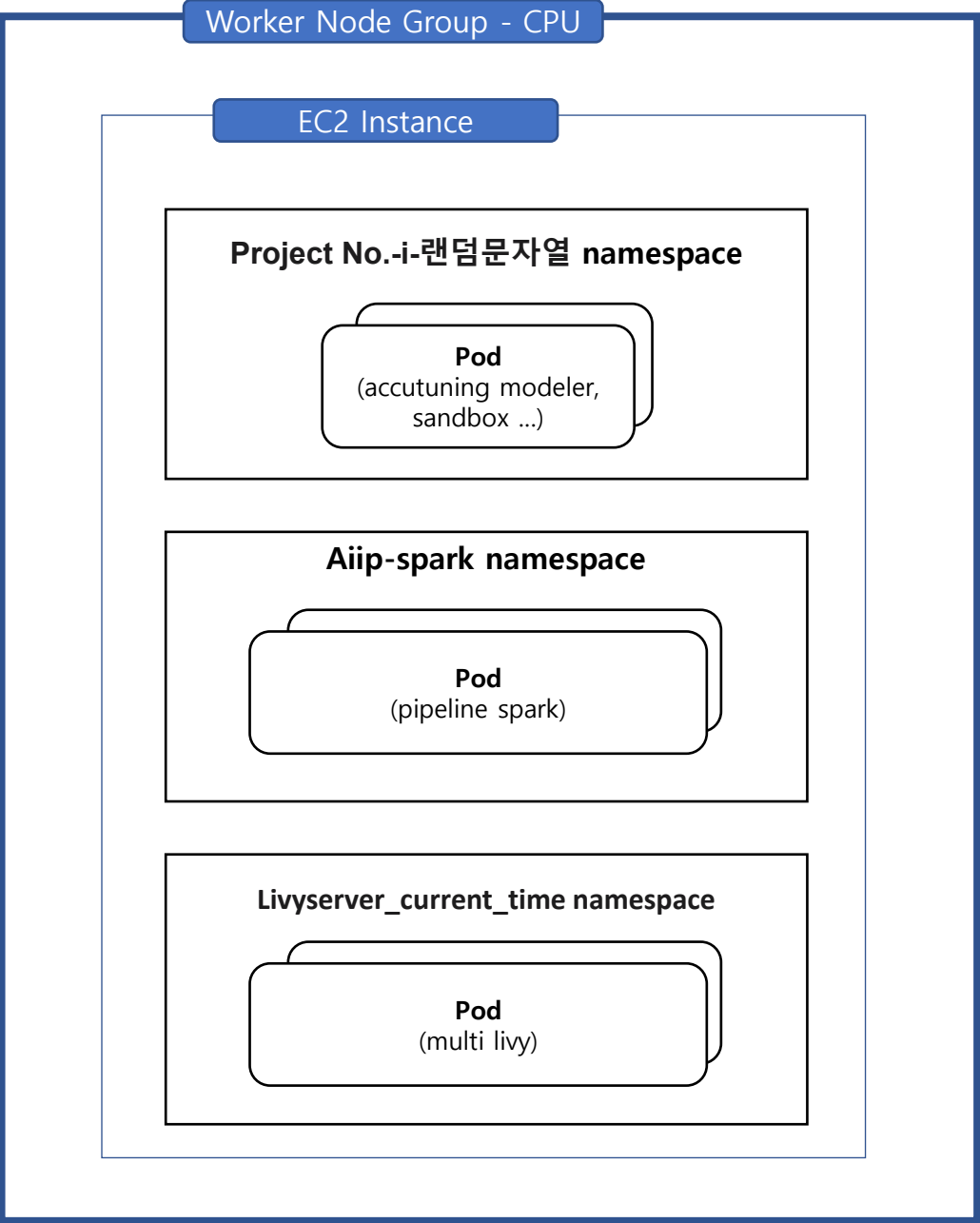
**Aiip-datarobot**

Pod  
(datarobot-backend)

**Other namespace(for system)**

Pod  
(knative-serving ...)

\* Project 생성시 사용되었다가 반납되는 Pod(Project 전용)는 worker node에 할당된다.





# Accuinsight+ 3.0 – Prod Cluster

Aiip Prod

**SK Domain**  
(aiip.skcc.com)

**Aws Accelerator**

**Aws ALB**

Prod cluster

**Istio Ingress**

**Master Node Group**

**Ec2 instance**  
(m5a.4xlarge, 16/64 80GiB) x2

POD(Application)

**Worker Node Group(CPU)**

**Ec2 instance**  
(m5a.4xlarge, 16/64 80GiB) x3

POD(Project)

**Worker Node Group(GPU)**

**Ec2 instance**  
(g3.8xlarge, 32C 244GB 2GPU) x1

POD(Project)

**Worker Node Group(Runtime)**

**Ec2 instance**  
(m5a.12xlarge, 48/192 80GiB) x1

POD(Project)

Aws Service

EFS

Persistent  
Volume

RDS(db.t3.xlarge)

Maria DB

S3

Cloud  
Storage

Docker Harbor

Docker  
Registry

\* Running 상태로 계속해서 사용되어야 하는 Pod(Application 전용)는 Master Node에 할당된다

EC2 Instance

**Aiip-common namespace**

Pod  
(sso, filemanager,  
aiip front, backend....)

**Aiip-modeler namespace**

Pod  
(modeler api, storage,  
gitlab)

**Aiip-pipeline namespace**

Pod  
(pipeline backend, core,  
kafka ...)

**Aiip-runtime namespace**

Pod  
(runtime web, ifservice,  
monitoring...)

**Aiip-tuning namespace**

Pod  
(accutuning master, celery,  
db, rabbitmq)

**Aiip-bi namespace**

Pod  
(bi-backend)

**Aiip-datarobot**

Pod  
(datarobot-backend)

**Other namespace(for system)**

Pod  
(knative-serving ...)

\* Project 생성시 사용되었다가 반납되는 Pod(Project 전용)는 worker node에 할당된다 (GPU를 사용하도록 설정되었을 경우, GPU Node에 할당된다)



\* Prod - Infra Layer

