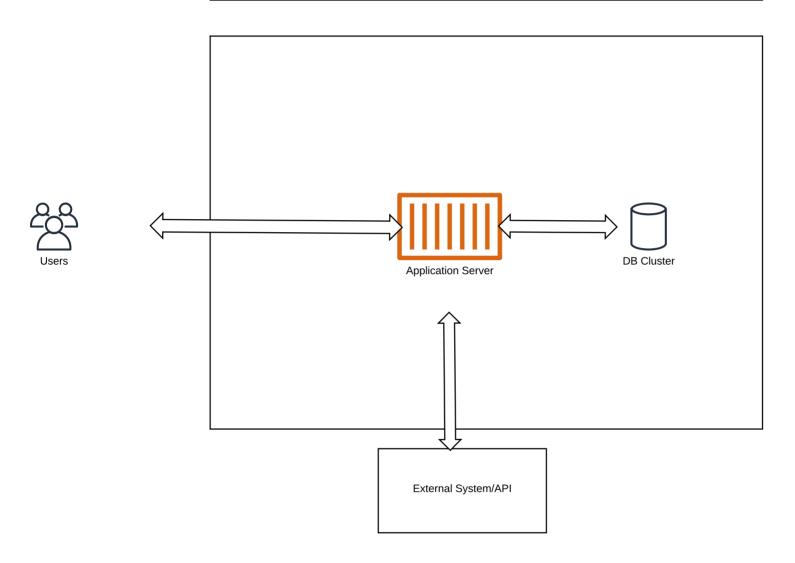
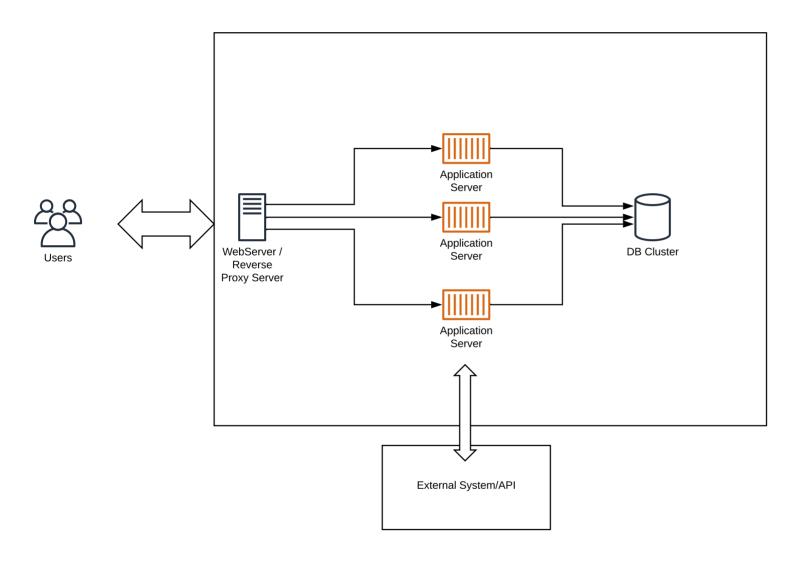
Monolithic Single Server



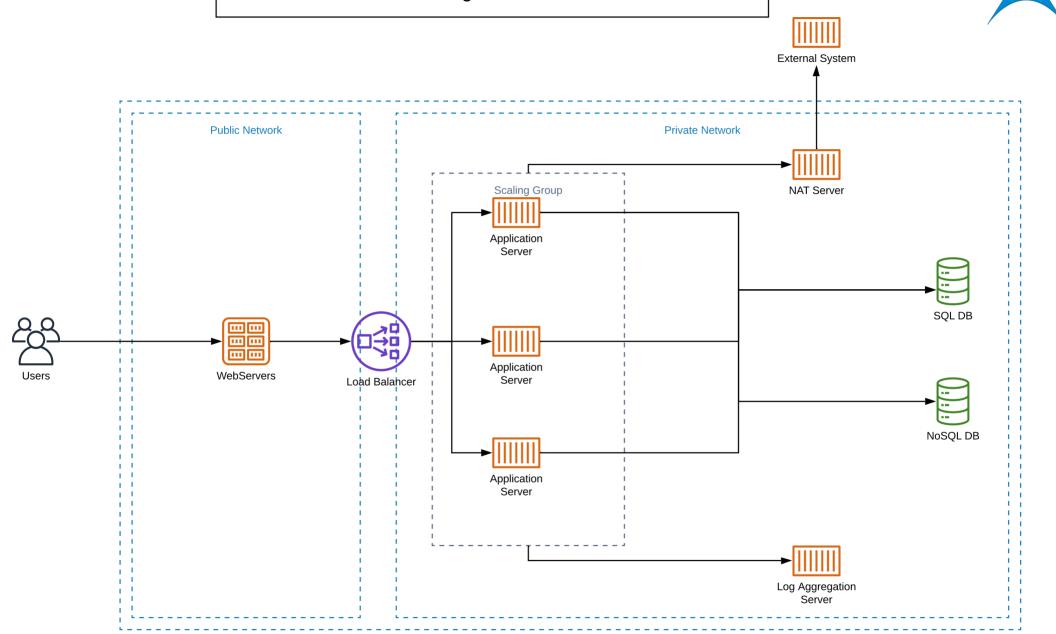


Front-Back Separation



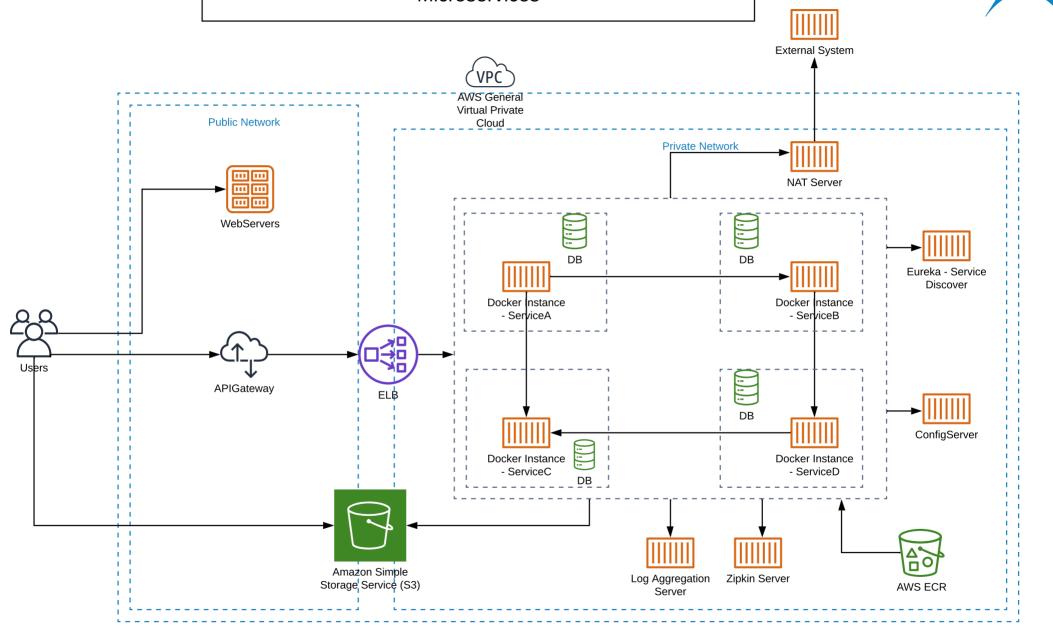


Scaling, Private Net

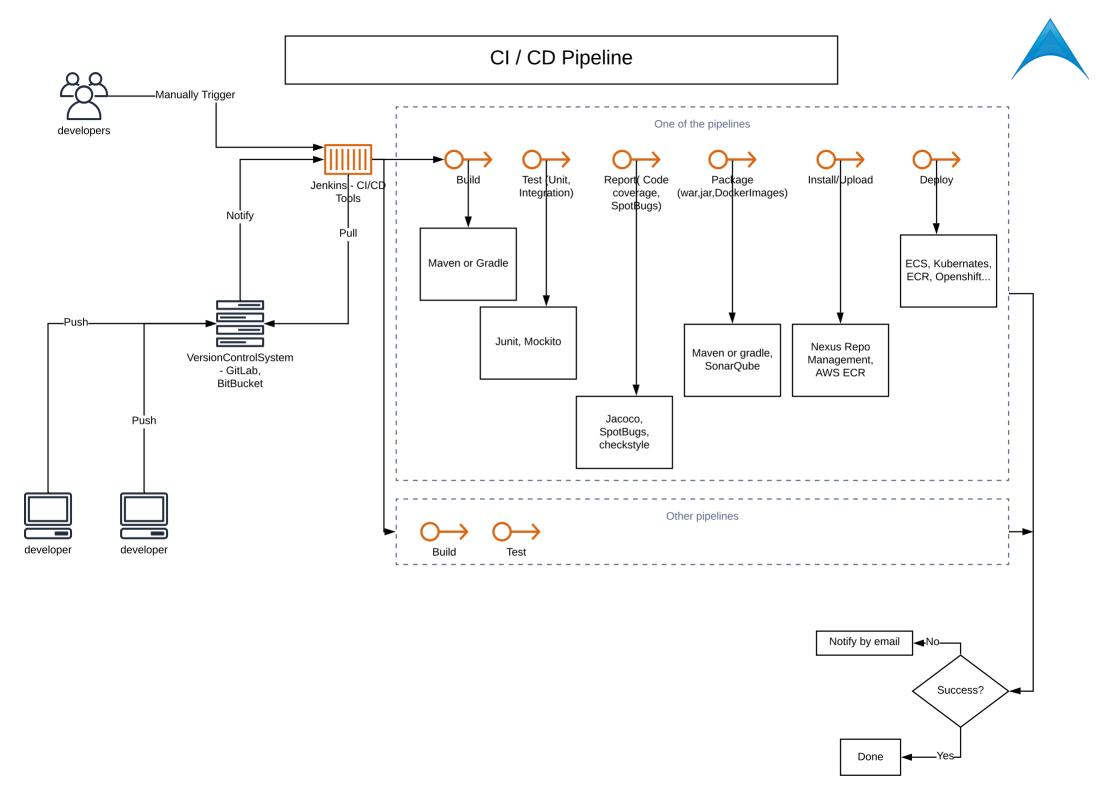


Cloud Components External System AWS General Virtual Private Public Network Cloud Private Network ECS - Auto Scaling NAT Server Docker Instance **□**□ Docker Instance 画画 WebServers ELB Docker Instance DocumentDB Amazon Simple Storage Service (S3) Log Aggregation AWS ECR Server

Microservices

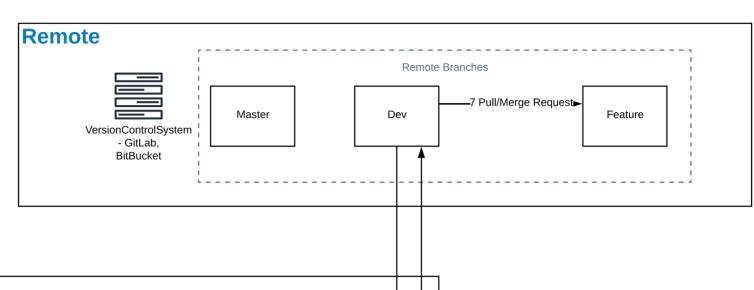


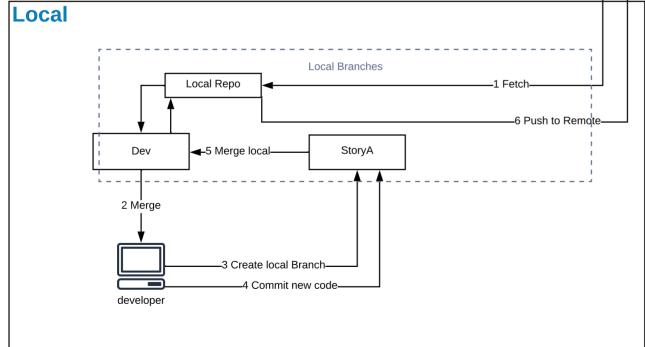
Microservices - Asynchronous Externa System Private Network Public Network **NAT Server 600** DB DB ШШ **....** WebServers Docker Instance Docker Instance Eureka - Service - ServiceA - ServiceB Discover Messaging(SQS/Kafka/RabbitMQ) Topic/Queue Users Messaging System APIGateway JWT ĖLB ConfigServer DB Docker Instance Docker Instance Amazon Simple Storage Service (S3) - ServiceC DB - ServiceD AWS ECR Redis Cluster Log Aggregation Zipkin Server Server



Git Flow



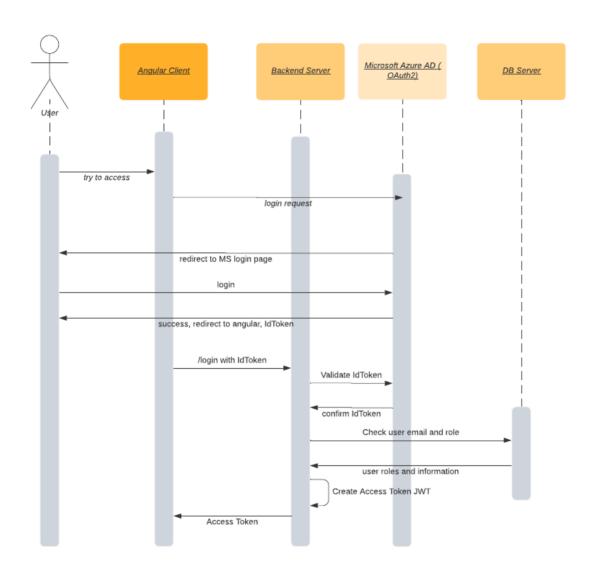




Step 6,7 Step could trigger CI/CD. Step 7 may need code review.



ARS Authentication Sequence



System Invocation

