Release Versioning Process

Code Changes to Microservice

Create Git SemVer Tag →

Pull Request With Changes For Release

Microservice with Merged release code

Consul

Actor

Create Releases against Tag →

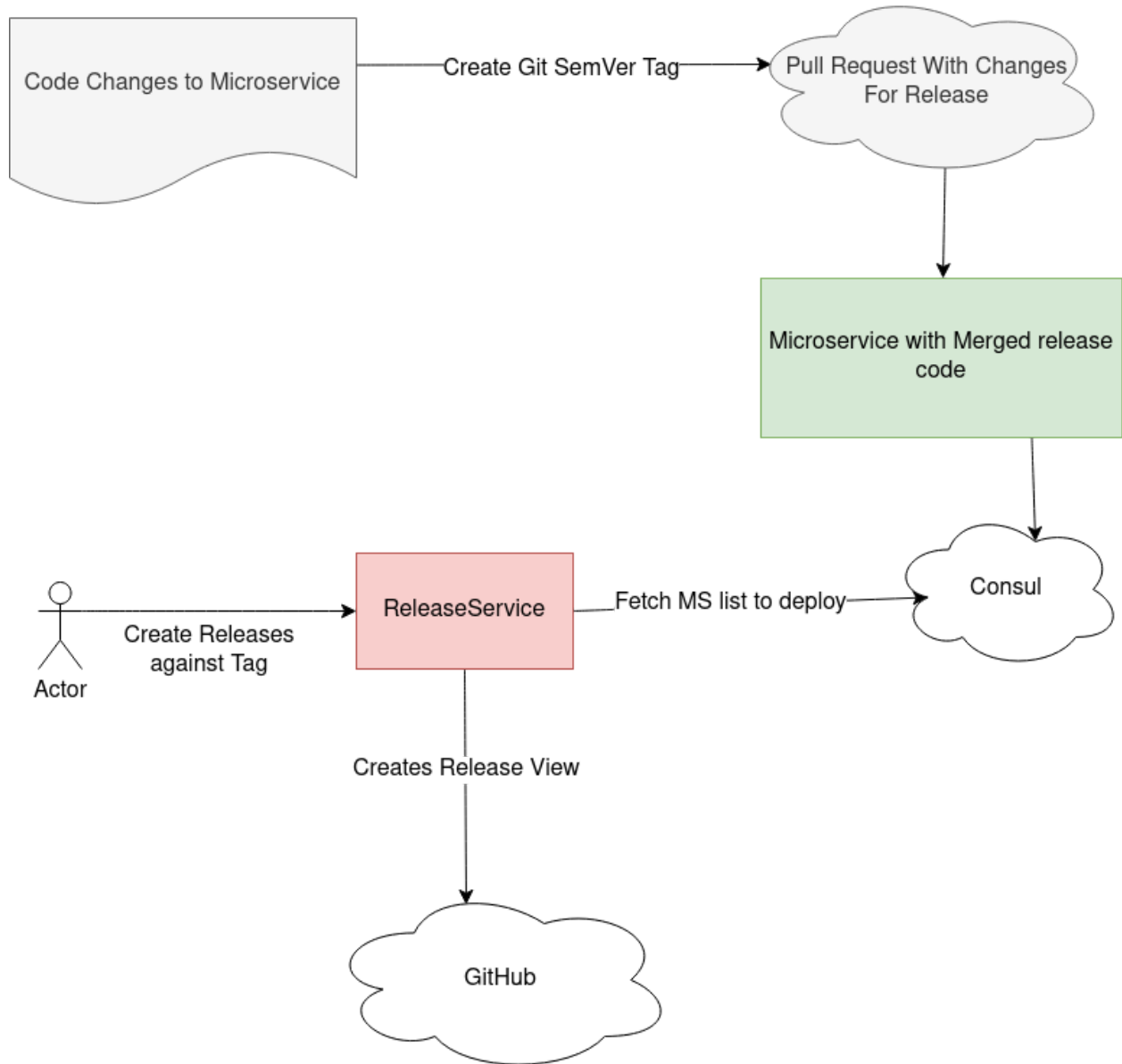ReleaseService

Fetch MS list to deploy →

Creates Release View

GitHub

Go to SIT Consul - key/Values < config < ReleaseService

Note : The name must be the same as the name of the GitHub repository.

Add all the list of services went live like above

STEP02 :

Need to login java11 build server k8s03

Put below command to refresh the repos page

curl -u demo:123 -X POST http://10.60.227.32:8200/actuator/refresh

-- just need to refresh no need of restart while adding release repo list

STEP03: Need to take a list of MS services deployed & need to **createRelease**

☐ createRelease_job
Need to go above jenkins link and go to > configure

Need to mention Branches available and Service names & Tag names like below

Deployed service only need to add

Choice Parameter

Name

serviceName

Choices

```
ApiGateway
AuthenticationService
LogService
FinanceService
BalanceService
```

Need to get Tag version from Dev team and add those in below

Choice Parameter

Name

tagName

Choices

```
4.0.0
4.0.1
4.0.2
4.0.6
```

Jenkins job script :-

```
echo "$1"
echo "$2"
echo "$3"
output="$(curl -X POST -u demo:123
"http://10.60.227.32:8200/create-release?baseBranch=$1&serviceName=$2&tagName=$3" -H
"accept: */*" )"

echo "$output"
```

Step04: Need to Build Above mentioned services with respective Tag version

Step05:

Finally u need combine together all release went service & create note
- Create release notes using swagger & pass the parameter respectively.
  [Releaseservice Swagger link](#)

Need to go - github-api → post → try it out

Name	Description
serviceName * required array[string] *(query)*	serviceName [ ] [-] [Add item]
teamSlug * required string *(query)*	teamSlug [teamSlug - teamSlug]

Need to add all service name as per consul those went live services

● Will get a unified url for release notes.

Ex:-

POST	/create-release-notes createReleaseNotes	

Parameters [Cancel]

Name	Description
serviceName * required array[string] *(query)*	serviceName [AddressMicroService] [-] [NotificationService] [-] [OperationService] [-] [tele-delegates] [-] [paymentsolutions] [-] [CoAService] [-] [Add item]
teamSlug * required string *(query)*	teamSlug [devteam]

Execute	Clear