SPRING CLOUD *

DISCOVERY AND CONFIG SYSTEMS COMPARISON SPENCER GIBB

https://github.com/spencergibb/spring-cloud-star http://spencer.gibb.us

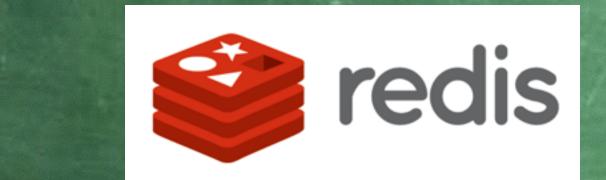


PIVOEG

CLOUDFQUNDRY















SERVICE REGISTRATION É DISCOVERY



SERVICE

SERVICE



DISCOLERYCLEME

- C @EnableDiscoveryClient
- C ServiceInstance si =
 discoveryClient.choose("serviceId")
- C RestTemplate
- C @FeignClient



DISTRIBUTED CONFIGURATION



SERVICE

2 FACTOR APPS
HTTP://12FACTOR.NET

SERVICE B



CONTEXTLIFECYCLE

SERVICE A



REGULAR APPLICATION CONTEXT



BOOTSTRAP APPLICATION CONTEXT





EMICALIA EM

- C @ConfigurationProperties
- C @Value
- C Environment



SPRING CLOUD CONFIG SERVER

CGREENFIELD

CHTTP API SIMILAR TO NETFLIX CONFIG SERVER

CBACKED BY VCS: GIT,
SVN

CSTATELESS

C@RefreshScope

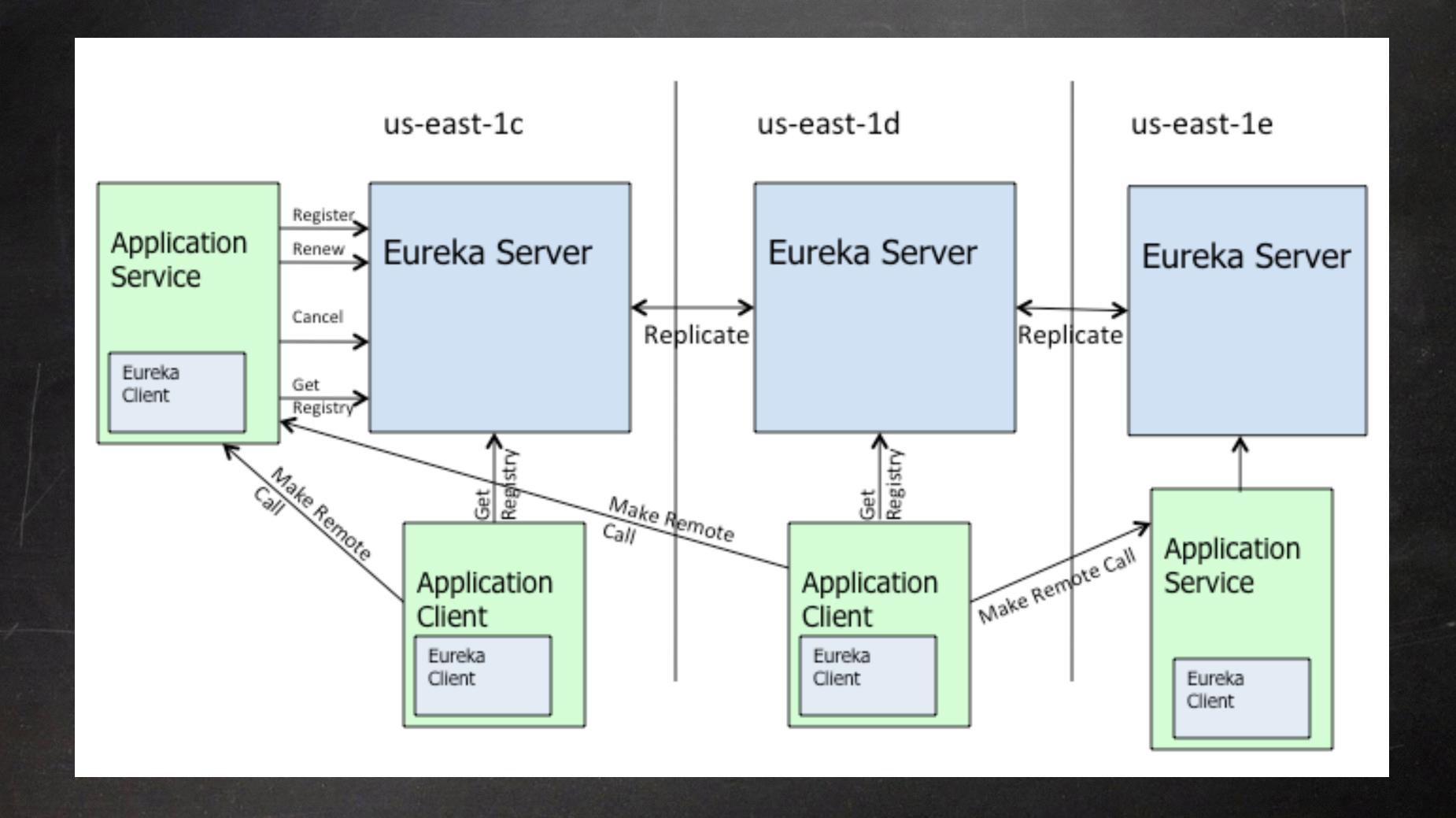
COUSES SPRING-BOOT CONFIGURATION FILES & SERNANTICSAUTO-CONFIGURED CLIENT

CREFRESH WIA BUS

CWEBHOOK SUPPORT FOR GITHUB, GITLAB AND BITBUCKET









EURENA PROS

- C HIGHLY-AVAILABLE
- C MATURE / PROVEN BY NETFLIX
- CITIGHT RIBBON INTEGRATION



EURENA CONS

CIVAN BASED

CTHICK JAVA CLIENT

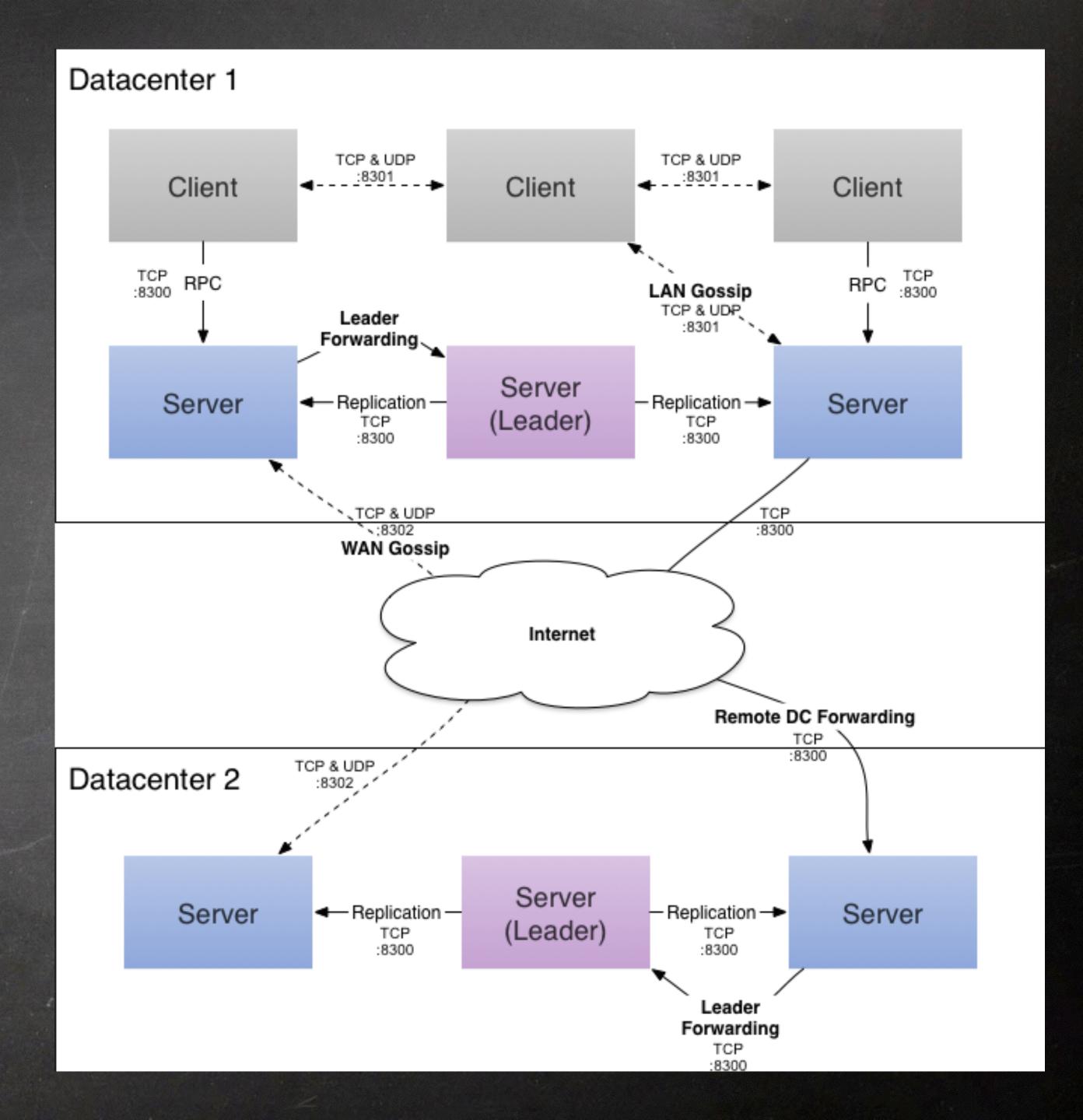
CPOLYGLOT BY SIDECAR

CBUILT FOR AWS MITIALLY

C) LONG THRESHOLDS FOR REGISTRAION AND CACHE REFRESH (305)



HASHICORP





COMSUL PROS

CPOLYGLOT

CHTTP API AND DNS WITERFACE

CACL'S

CHEALTH CHECKS

CAMULTI-DATACEMTER

CVAULT INTEGRATION

CYANAL AND
PROPERTIES BLOBS
SUPPORTED

CPEER-TO-PEER
GOSSIP SYSTEM

CNICEUI



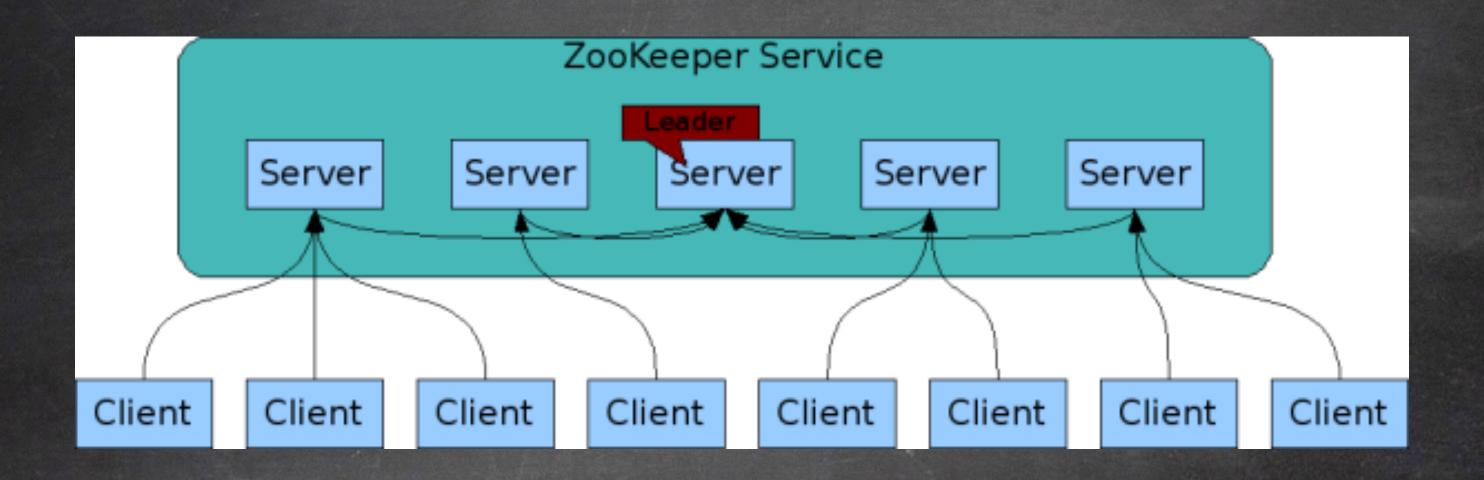
COASIL COAS

CYOUNG CAGENT ON EVERY HOST





ZOOKEPER







ZOOKEEPER PROS

C CONSISTENT STORE

CSTARTED LIFE AS A
HADOOP SUB-PROJECT
(2007?)

CMATURE, USED IN MAMY COMPANIES CUSEFUL IF ZK IS ALREADY
PART OF YOUR
INFRASTRUCTURE

CEPHERNERAL NODES /
PERSISTENT
CONNECTIONS

CUSES APACHE CURATOR
AND ITS SERVICE
DISCOVERY RECIPE



ZOOKEDER CONS

CSCALE ISSUES

COPSHEADACHES

CINEEDS MANAGEMENT PROCESS LIKE NETFLIX EXHIBITOR

OPERSISTEMT COMMECTIONS



HOMORABLE MEMICA

CSPRING CLOUD CLOUDFOUNDRY

CSPRING CLOUD LATTICE (DEPRECATED)

CSPRING CLOUD ETCD (EXPERIMENTAL)



Pivotol_®

PIVOTAL IS HIRING
IN ATLANTA
HTTP://PIVOTAL.IO/CAREERS

https://github.com/spencergibb/spring-cloud-star
http://spencer.gibb.us

@spencerbgibb