Microservices

```
127.0.5.0
                skmailhub.net
                                        # envoyproxy/K8S
*
    127.0.5.1
                identity.skmailhub.net # IAM
    127.0.5.2
                mailbox.skmailhub.net
                                        # go/SQL
**** 127.0.5.3
               contacts.skmailhub.net # go/SQL
*** 127.0.5.4 tags.skmailhub.net
                                        # go/SQL
               calendar.skmailhub.net # go/SQL
    127.0.5.5
     127.0.5.6 todo.skmailhub.net
                                        # go/SQL
     127.0.5.7
                office.skmailhub.net
                                        # go/OFFICE
*** 127.0.5.8 search.skmailhub.net
                                        # go/java/tika/FTS
    127.0.5.9
                blob.skmailhub.net
                                        # go/BLOB
    127.0.5.10 session.skmailhub.net
                                        # go/SESSION
**
    127.0.5.11 agent.skmailhub.net
                                        # go/SQL
*
    127.0.5.12 webmail.skmailhub.net # angular/material
    127.0.5.13 groups.skmailhub.net # angular/material
**
    127.0.5.14 maillist.skmailhub.net # nodejs/angular(universal)/material
     127.0.5.15 federizer.skmailhub.net # hugo/website
* 1. stage, ** 2. stage, *** 3. stage, **** 4. stage
K8S: Kubernetes, Microk8s, Minikube
IAM: Keycloak/PostgreSQL, Dexidp/etcd3, ...
SQL: PostgreSQL, MySQL, <u>Sqlite3</u>
BLOB: Minio, ...
FTS: Blast, PostgreSQL, <u>Sqlite3</u>
```

SESSION: Redis, PostgreSQL, MySQL, BadgerDB, BoltDB, In-memory

OFFICE: <u>LibreOffice</u>, ...