android / iOS
mobiles / tab/iPad

web browser

desktops

application

filter

routing : 2 types of
routing.
1. static
2. **dynamic**

auth purpose

api gate way

Eureka server

config server

9010

9011

9009

9012

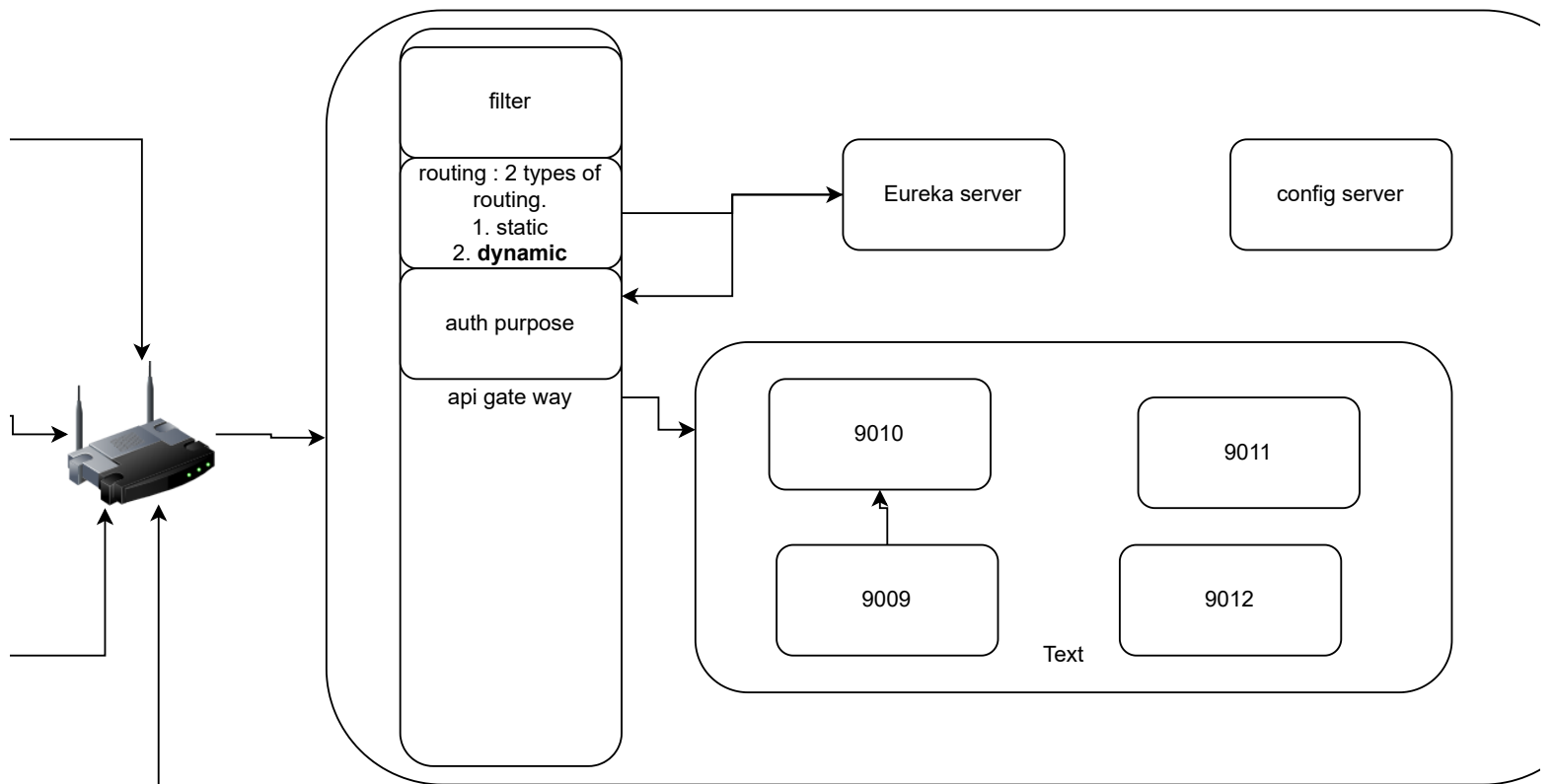Text

1. enternal clients don't need to pass through the authentication every time. for each and every MS.
==> huge traffic will be generated.
2. we don't want to expose the endpoints of MS to the external app.
3. abstraction between the MS and clients. client is not aware that they are connected to the MS Arch.
4. implementing cross cutting concerns monitoring , authentication, resilience we can work all these options
with API Gateway.
5. SPOC

1. performance ==> slower compared to direct call with MS.

2. we should have multiple copies of API Gateway working and should be handled using LB.

localhost:9010 :
static mapping.
localhost:9011 :