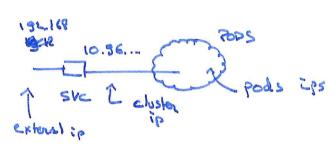
Soul balancer: in not a corporant of kubenter but is a 3th party component. We will use tretallis

well the padettes: 4

The idea



But what is ... the external ip ... is not "owned" by may marking ? and instead is balanced over many of them?

netal LB ad L2

Address Assolution

AVP Protocol in 305eco rds Protocol

- 1) . I makes to communicate with . 3
- (2) .1 set a broadcont (L2) on hing who like the is .3

166.0.3

3). 3 orsease with his mucadoress

Thea! we vow a Pod on every mode, therepods election of Arroy them and
This pod is inclose of Assuering orp requests for selected ip!

inchlase compressed home himpercet somet

ouce the convication between our app excess and the "kinner" wode starts may know know proxy Does its nages and redirect the traffic.

if the woder broads another will take over.

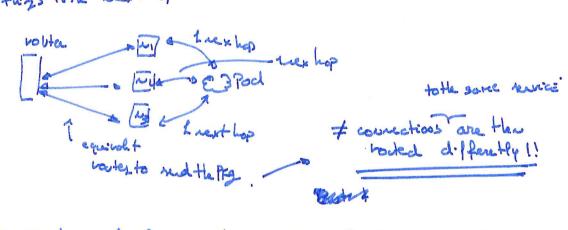
A This is not a real LB. We one bother acked by a sothefact that old the traffic has to par troop a Single NODE! This is very good tailore nechanism!!

obs #LB svc on advertise on & nodes, but I wode = 1 svc

Yes we can use BGP and vurning our own As to start of the start of the

In this core coch rode corrects to the bouters and advartises it's directly to their showing All the variety or equitable (indistance these to the find service)

[ the only of things is the west hop



This solution works only if you rater support multipath. This is true LOBO BALANCES.

. No ... Bap: 1 for another course.

Lustolly LB.

Installier apackage is Literally applie a set of yant charts.

- this will O ADD cutton Accorded to /ad API to our kubennetes

@ Deploy some gods to of fee the new service:

1) these pods, none of ten thon not will nort at a system level!

-10 there need to config the new application!

- and kind (new kind, not in kuberneter)

- b text this application:-)

Something spray: Enable or with I Navess

(is 2023, 20+2019)

Practical example.

19 ateres Veorpary !!

Every gaturay as only

CONTALY.

verde the inno of flot

isal THESE.

I IP to the internet and name on so different website /services behind it.

Request flow

6 Galeway -0) HTTP Route to foots Client

1) client asks for were example con with

- (2.) Dus pesave Query & neturns IP ( one or i
- (3) client send a request to the Gate way it address
- (6) .) The Gateway is a revere proxy that natherhas accordingly to HTTP vooter where tound the ptg

Lo optionally the proxy condition the request

(5) send the request to the suc that will provide toposit toursed.

I Take istle South on 5 torage deck But for etuoring.

EXPLOSION of The afternay!

auteum doss

GATE WAY

DEFINED BY Providere.

· cluster operator.

ison instant of a GAKWAY class, with

special zed Polices

Decided by who Defined

this resource

- which nanespecis can use the afternay?

- · Which only an they act ou .....
- which ports.

that ultistely will perform tooffe touting is Here)

HATPPOLE

Scure

. Application Developer,

- a grapio rules to the category (for example Spittruffic

SOY, ON OPPUL 104. or oppv2 to test

- cluster scope verousce? infrastructure

. This is the PEAL Worker ( He pad

· example which x, verone poxy