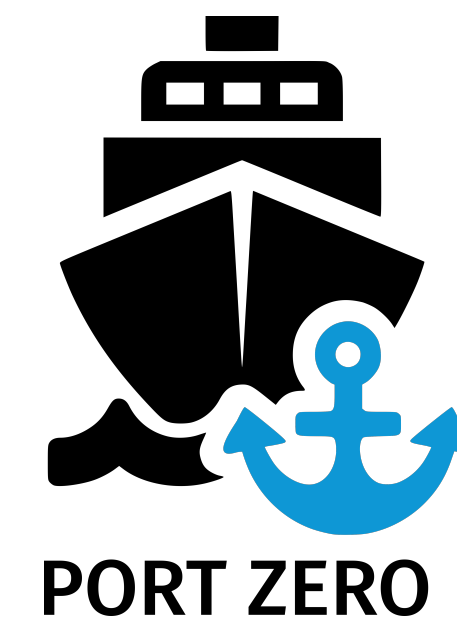


# automate yourself within six months

A open source solution for automating ISP networks using GitLab and NetBox

# Who we are.



# everybody loves automation

yolorollback.backup.php

addvlan12cisco.sh

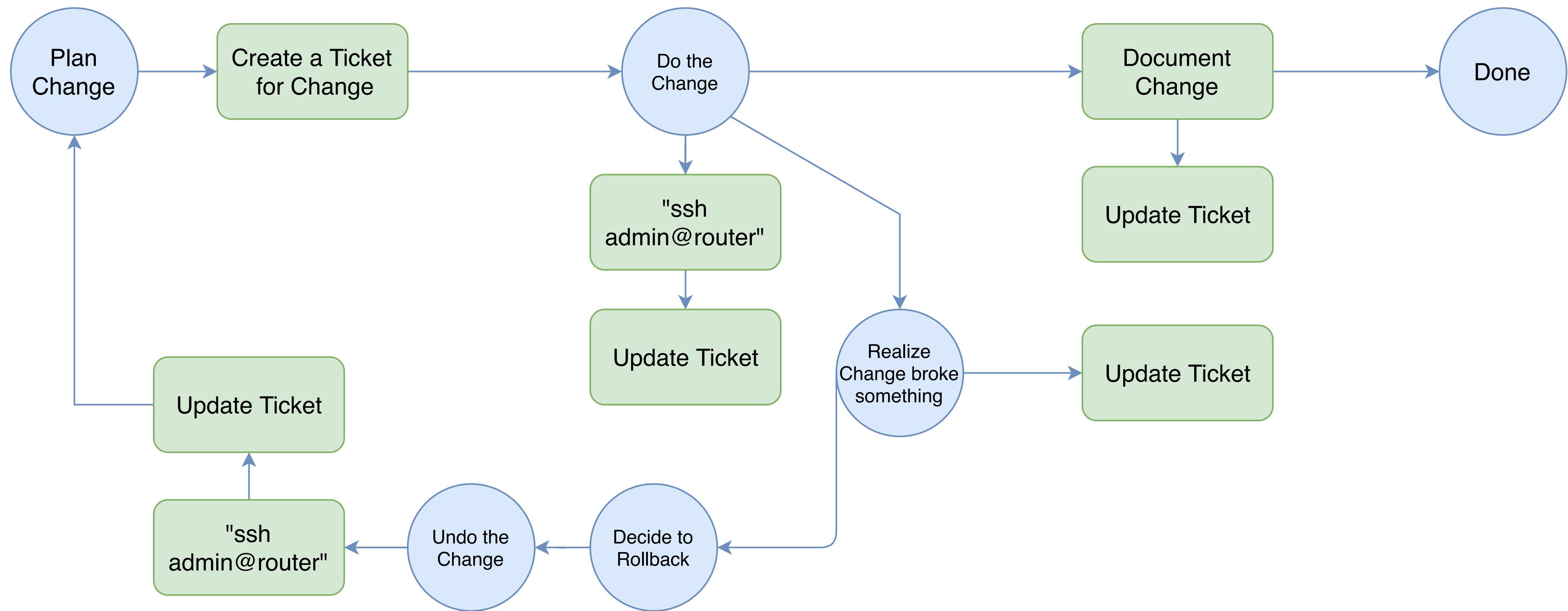
vp1s\_fra\_ams.pl

fix\_opsf.js

ibgp\_init\_junos.sh

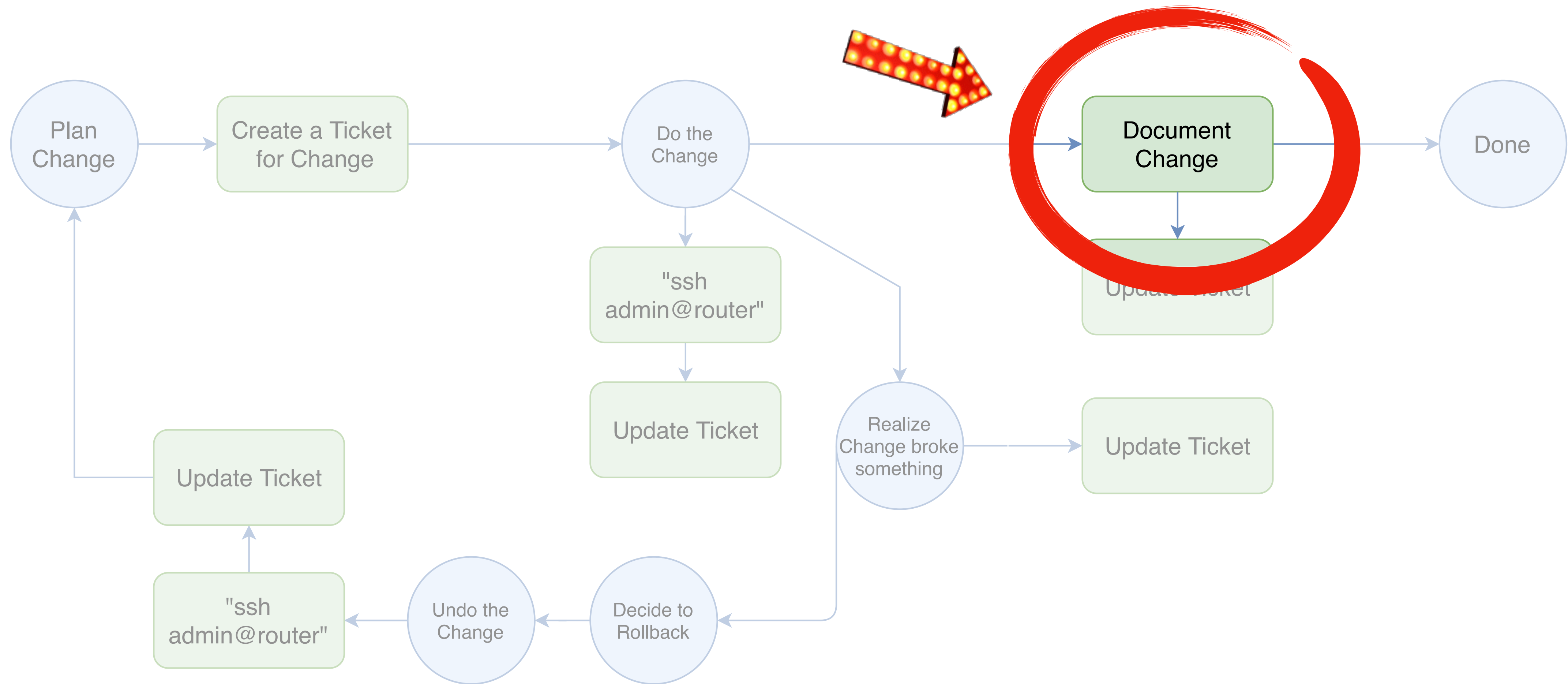
ibgp\_fix\_junosv3.sh

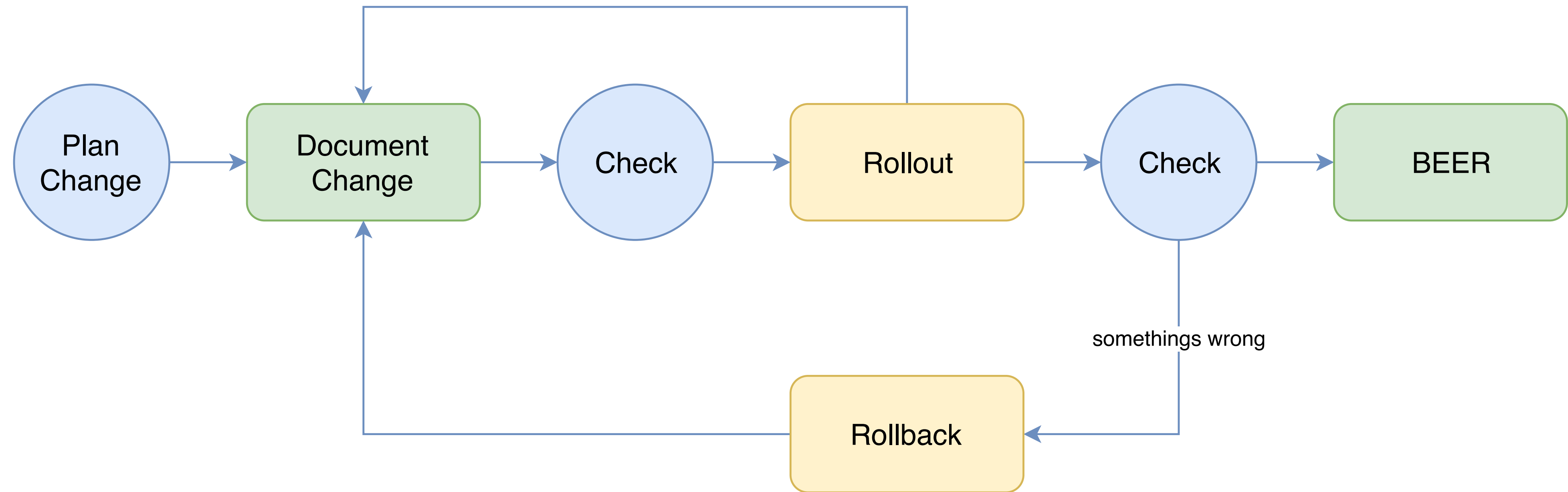
\_\_\_do\_not\_run\_.sh\_do\_not\_run



„If you digitize a shitty process, then you have a shitty, digital process.“

– Thorsten Dirks, former CEO of Telefonica



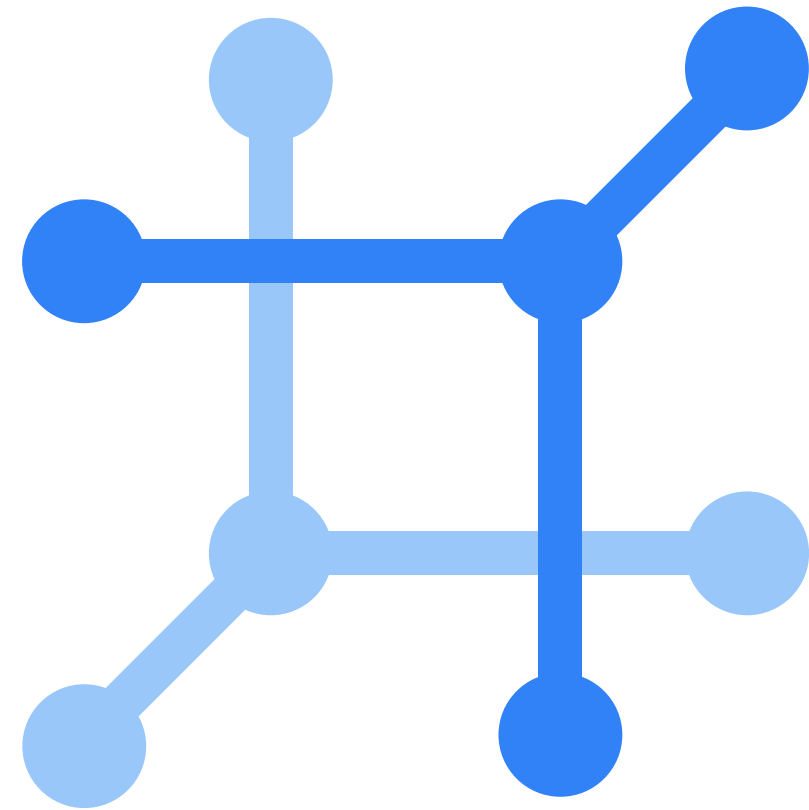


Engineers don't provision services,  
they develop services.



Demo can be found in the talk recording at:  
<https://media.ccc.de/c/denog11>

# Deep Dive: Tech



netbox

**We maintain a fork of NetBox**

# Add a new Change Request

Change Request

Change Title

Change Title

What are the implications of this change?

Change implications

Change implications

What are the implications if we ignore this change?

Ignore implications

Ignore implications

☐ Is an emergency change

☐ Is an extensive change

☐ Customers are affected

Change type

Standard Change (vorabgenehmigt)

Category

Netzwerk

Subcategory

-----

Depends on

#22:  
#11:  
#3:  
#23:  
#12:

Create

Cancel

# With plugins we won't need to anymore

{probably}





GitLab

▼ {...} host\_vars/leaf02/main.yaml



Edit

View file @ 53cfca90

... @@ -94,7 +94,7 @@ device:

94 untagged\_vlan: null

95 - child\_interfaces:

96 - swp28

97 - clag\_id: 163

+ clag\_id: 161

98 description: ''

99 enabled: true

100 extra\_fields:

...



# Issues & Merge Requests



**Merge request approved; you can approve additionally**

Approved by 

Labels

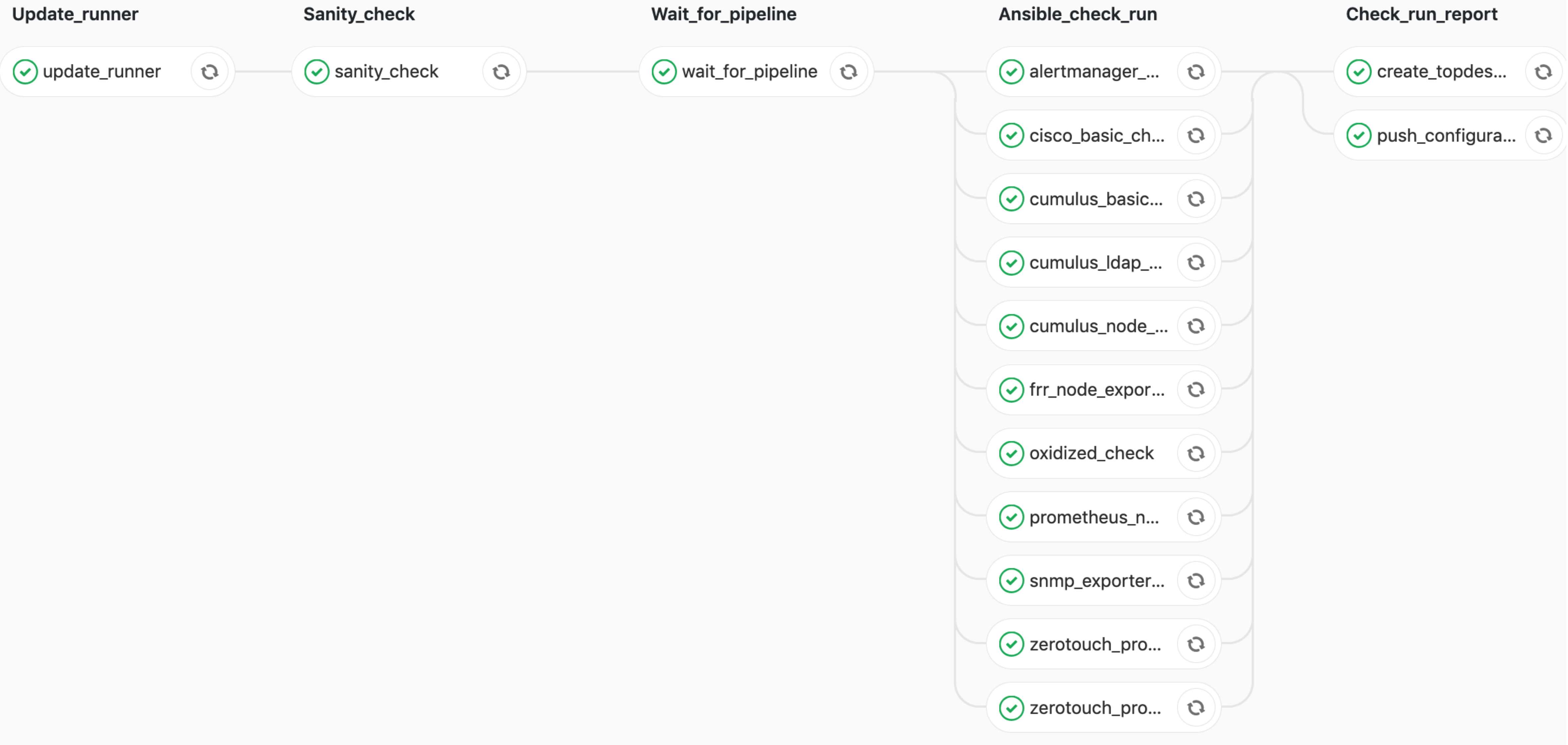
Edit

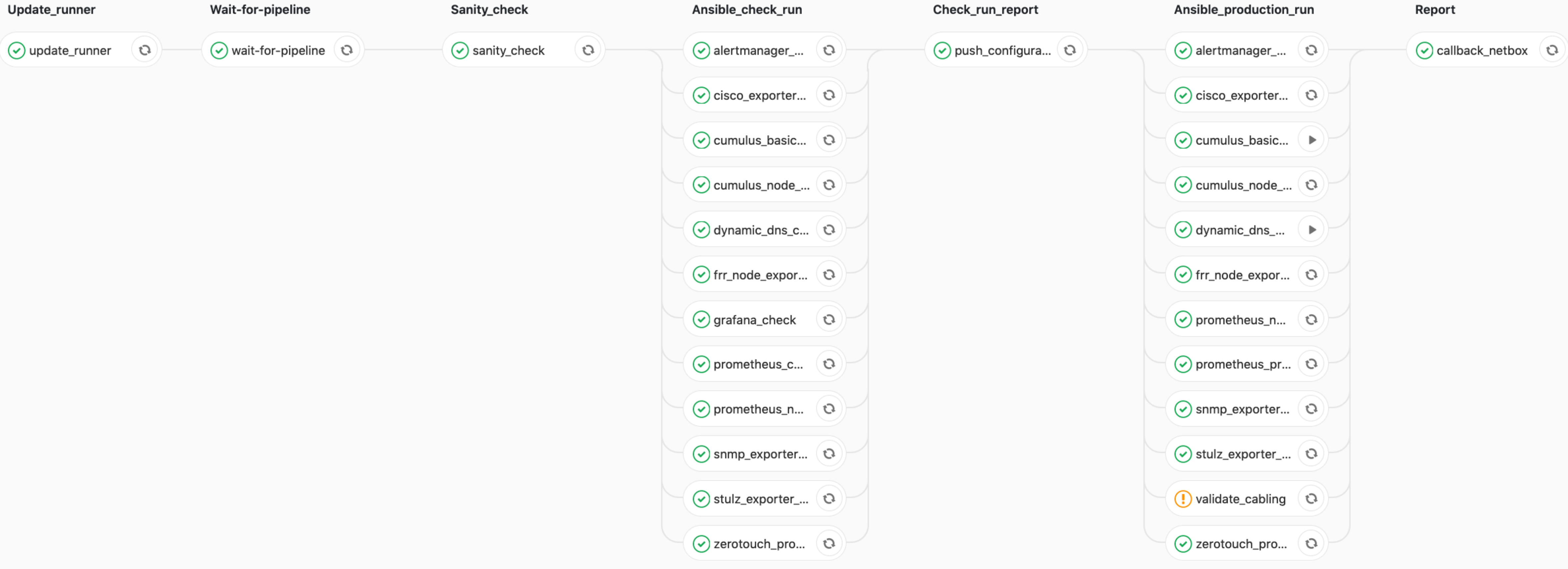
netbox

topdesk\_ticket\_created

unreviewed







Ansible all the way

Prometheus

# Services inside the Pipeline

TOPdesk

Mimir



Hardware does not (really) matter

Bottom Line

# We believe in open source

<https://gitlab.com/wobcomp-public>

Thank you!  
Questions?