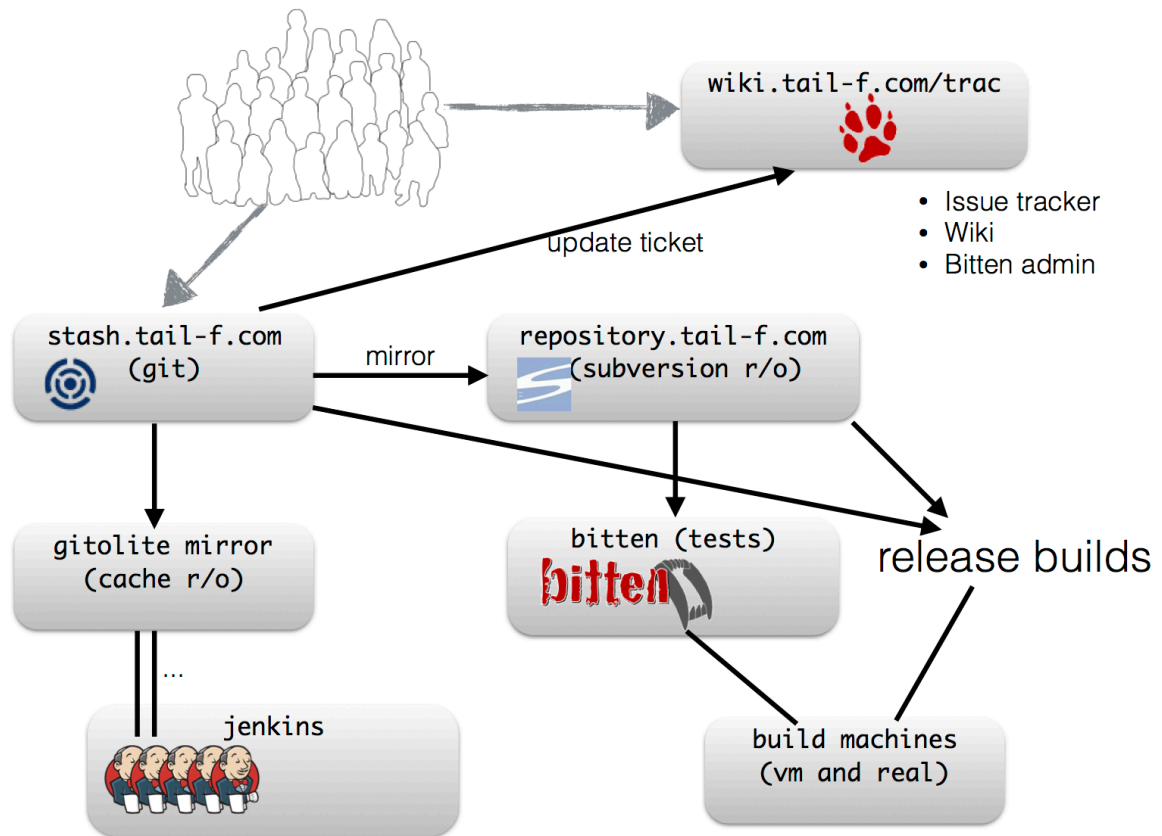
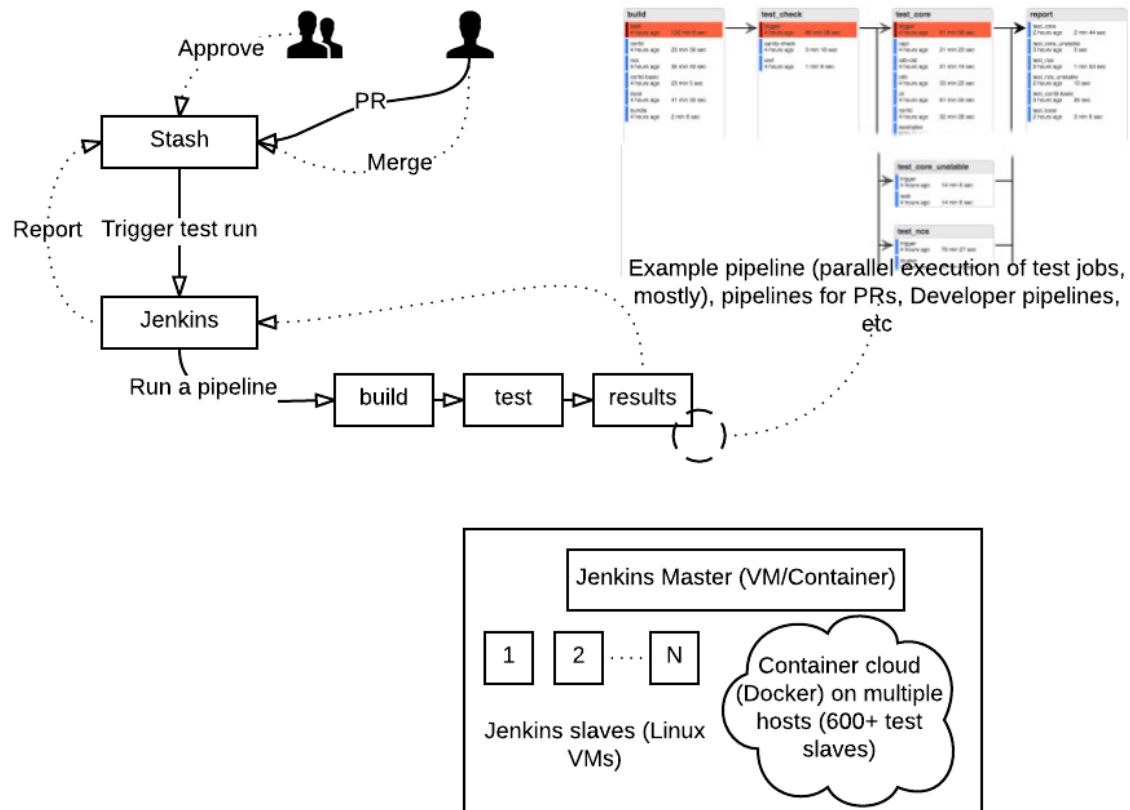


Test infra and CI overview

Overview of the CI environment on Tail-f:



Stash - Jenkins setup and work flow:



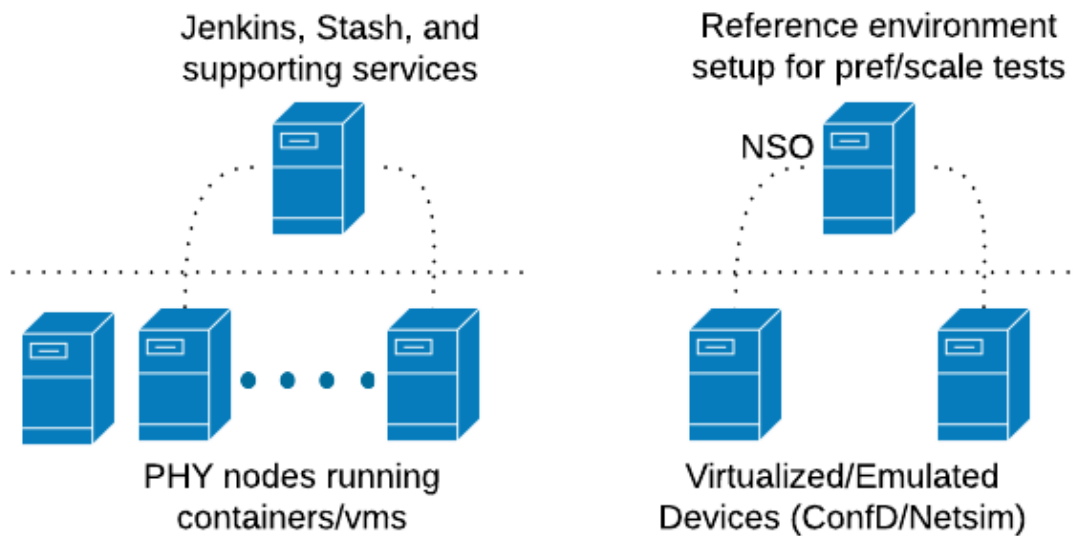
Currently (6/2-2016) we have 2476 test cases which are run in ~120 jenkins jobs.

Test execution time for a full test pipeline in the current environment (virtual machines) is approximately 2 hours

Test execution time for full test pipeline in the coming docker environment is approximately 1.5 hours.

More info about [Jenkins](#)

Test infra overview (test automation, scale/perf tests)



Test automation infra: Jenkins, Docker, libvirt

Tooling: Lux, bash, python, erlang, etc

Performance tests:

- Daily test on 6k devices
- Daily test on 400 devices using commit queues
- Daily test on 100 Junos devices
- Continuous NSO tests with custom NEDs (no networking)

Scale tests:

- Weekly up to 20k devices and 100k services scale tests (old mpls example)
- On demand up to 20k devices and 100k services scale tests (old mpls example)
- On demand NSO tests up to 250k devices (no networking)
- Reactive FastMap tests up to 10k services (no devices) WIP