



VPP Builds w/ containers

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Proposal for PoC

1. Descriptive tooling languages for setup, movement and scaling

- a. Terraform (Construction)
- b. Consul (service discovery)
- c. Nomad (first cut for builder)
- d. Vault (secrets)

2. Things in the queue

- a. K8s (w/without Coreos) (w/without etcd)
- b. RancherOS
- c. Dockerhub based base construction
- d. Fixed assets bursting to cloud
- e. Spot market resources
- f. Container storage replication
- g. Dockerswarm



Contribution/Help Needed

A. Assistance with getting input/output hooks in place

- a. Gerrit hooks incoming
- b. Packagecloud and/or nexus outbound
- c. Csit in testing build artifacts to make sure they pass muster

B. Tolerance to non +1 build successes (or failures) coming from PoC setup

- a. Spurious messages from the PoC setup

C. Assistance in debugging failures (sporadic and possibly spurious)

- a. BFD
- b. GRE IPv6 tunnel Tests bash: line 1: 16612 Segmentation fault (core dumped) python run_tests.py -d
- c. ACL IPv4 bridged -> routed, L3 ACL perbash: line 1: 23494 Segmentation fault (core dumped) python run_tests.py -d



Observe, suggest, flame...

- 1.If approved -- create mailing list or other for communication
- 3.Secrets will be maintained in vault when necessary (api keys,logins)
- 4.Work towards public tf states for slaves than masters
- 5.Public Dockerfiles for 'base' builds





BACKUP Starts here