

deploying-to-nomad-cluster

overview

in this section , we are going to deploy a sample application to nomad cluster. we are assuming that you have already setup a local nomad cluster by following readme file in `nomad-cluster-playbook`.

server installation

```
bash-5.0$ neofetch
      .hddddd.
      .ddddd.
      /ddddd/
      +ddddd+
      "sddddd"
      `yddddd`
      .hddddd+`+dddh:-sddddd.
      hddddd+`  +y:  .sddddd.
      dddddd+`  ///  .-sddddd
      ddddh+`  /hddh/`  `is-  -sddddd
      dddh+`  `/+dddh/`  `+s-  -sddddd
      ddd+`  `/o` :dddh/`  `oy-  .ydd
      hddyo+ohddyosdddddho+oyddy++ohddh
      .hddddd.
      `yddddd`
      "sddddd"
      +ddddd+
      /ddddd/
      :ddddd:
      .hddddd.

screencasts@08cfe199551
-----
OS: Alpine Linux v3.12 x86_64
Host: Google Compute Engine
Kernel: 4.19.0-9-cloud-amd64
Uptime: 20 days, 3 mins
Packages: 146 (apk)
Shell: bash 5.0.18
CPU: Intel Xeon (8) @ 2.300GHz
Memory: 4064MiB / 3015MiB

[02_server@docker+ "waypoint-casts" 22:22 19-Oct-20]
```

to get started with waypoint server , you need to set `NOMAD_ADDR` environment variable so that waypoint knows how to communicate with nomad. To select a single nomad server's IP address. you can either use `lxc ls` to find the ip address or use the following snippet :

```
lxc list --format json | jq -r '[] | select((.name | contains ("server")) and (.status=="Running"))'
```

assuming our nomad server's internal IP address (the one assigned by lxd) is 10.33.235.43, the following will install waypoint server :

```
NOMAD_ADDR="http://10.33.235.43:4646" waypoint install --platform=nomad --nomad-dc=dc1 --accept-tos
```