

# ELIOT Gerrit and Code repo

<https://gerrit.akraino.org/r/#/admin/projects/eliot>

Tree structure of ELIOT Blueprint

```
blueprints
common
  elcli
    elcli
      cmd
      LICENSE
      main.go
  eliot-ui
  be
  src
  frontend-src
iotgateway
playbooks
  config.yml
  eliot-all-uninstall.yml
  eliot-all.yml
  eliot-inventory.ini
  roles
    cadvisor
    certmanager
    docker
    eg_appstore
    eg_certs
    eg_developer
    eg_helm-repo
    eg_mecm-fe
    eg_mecm-meo
    eg_mecm-mepm
    eg_mep
    eg_prerequisite
    eg_registry
    eg_secret
    eg_set-helm-repo
    eg_trans_certs
    eg_user-mgmt
    el_edgex
    el_hawkbit
    el_opc-au
    grafana
    helm
    k3s
    k8s
    kubeconfig
    mepkubeconfig
    prometheus
    rabbitmq
    service_center
    vault
  scripts
uCPE
scripts
  cadvisorsetup.sh
  ci_management
  cleanup_control.sh
  cleanup_edge_final.sh
  cleanup_edge.sh
  cleanup_master.sh
  cleanup_prom_cadvisor.sh
  uninstall_cadvisor.sh
  uninstall_prometheus.sh
cni
  calico
common_centos.sh
common.sh
generatePromeyml.sh
k8smaster_centos.sh
k8smaster.sh
k8sworker.sh
```

```
kubernetes_cleanup.sh
kubernetes_reset.sh
nodelist
prometheus.sh
setup.sh
src
  config_kubeedge
  kubeedge_setup.sh
  verifyk8s.sh
eliot
flake8_cfg
jib
  eliot
verify.sh
```

## ELIOT Repo Code structure Description

### /blueprints/iotgateway/playbooks

This contains the config.yml which helps to configure the edge gallery deployment. It also contains eliot-all.yml and eliot-uninstall.yml which helps to install and uninstall the platform respectively. In general, the above path contains config files to deploy the platform.

### /blueprints/iotgateway/playbooks/roles

This folder contains the ansible playbook roles which internally provides the functionalities of ELIOT IoT Gateway Blueprint. The roles provided by eliot are cadvisor, certmanager, docker, eg\_appstore, eg\_certs, eg\_developer, eg\_helm-repo, eg\_mecm-fe, eg\_mecm-meo, eg\_mecm-mepm, eg\_mep, eg\_prerequisite, eg\_registry, eg\_secret, eg\_set-helm-repo, eg\_trans\_certs, eg\_user-mgmt, el\_edgex, el\_hawkbite, el\_opc-au, grafana, helm, k3s, k8s, kubeconfig, mepkubeconfig, prometheus, rabbitmq, service\_center, vault

Each role corresponds to specific functionalities of ELIOT.

### /blueprints/iotgateway/scripts

The automated scripts which internally triggered to setup the platform present in the above mentioned path

### /blueprints/uCPE

This folder contains the ELIOT uCPE SDWAN blueprint specific code.

### /blueprints/uCPE/scripts

uCPE specific functionalities are automated using scripts in the above path.

### /blueprints/common/eliotui

This folder contains the common functionalities that can be applied to both the ELIOT Blueprints. eliotui comprises of ELIOT Portal code. Frontend is in Angular 9+, Backend in Java 8+.

### /jib

This folder contains the ELIOT verify job CI/CD related items. This performs static code style checks which help developer to perform static code checks.