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
 jjb
   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 IotGateway 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_hawkbit,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+.

/jjb

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.