cloud-provider/sample

This directory provides sample code about how all cloud providers should leverage CCM begin at 1.20.

Purpose

Begin with 1.20, all cloud providers should not copy over or vendor in `k8s.io/kubernetes/cmd/cloud-controller-manager`. Inside this directory, some sample code will be provided to demonstrate how cloud providers should leverage cloud-controller-manager.

Steps cloud providers should follow

1. Have your external repo under k8s.io. e.g. `k8s.io/cloud-provider-<provider>`
2. Create `main.go` file under your external repo CCM directory. Please refer to `basic_main.go` for a minimum working sample. Note: If you have a requirement of adding/deleting controllers within CCM, please refer to `k8s.io/kubernetes/cmd/cloud-controller-manager/main.go` for extra details.
3. Build/release CCM from your external repo. For existing cloud providers, the option to import legacy providers from `k8s.io/legacy-cloud-provider/<provider>` is still available.

Things you should NOT do

1. Vendor in `k8s.io/cmd/cloud-controller-manager`.
2. Directly modify anything under `vendor/k8s.io/cloud-provider/sample` in this repo. Those are driven from `k8s.io/kubernetes/staging/src/k8s.io/cloud-provider/sample`.
3. Make specific cloud provider changes in sample files.