

```
1 $ microk8s.kubectl config view --raw > $HOME/.kube/config
2 $ microk8s enable kubeflow --debug
3 + microk8s-status.wrapper --wait-ready
4 microk8s is running
5 high-availability: no
6   datastore master nodes: 127.0.0.1:19001
7   datastore standby nodes: none
8 addons:
9   enabled:
10  dashboard          # The Kubernetes dashboard
11  dns                 # CoreDNS
12  ha-cluster         # Configure high availability on the current node
13  ingress            # Ingress controller for external access
14  metallb            # Loadbalancer for your Kubernetes cluster
15  metrics-server     # K8s Metrics Server for API access to service metrics
16  storage            # Storage class; allocates storage from host directory
17  disabled:
18  ambassador         # Ambassador API Gateway and Ingress
19  cilium             # SDN, fast with full network policy
20  fluentd            # Elasticsearch-Fluentd-Kibana logging and monitoring
21  gpu                # Automatic enablement of Nvidia CUDA
22  helm               # Helm 2 - the package manager for Kubernetes
23  helm3              # Helm 3 - Kubernetes package manager
24  host-access        # Allow Pods connecting to Host services smoothly
25  istio              # Core Istio service mesh services
26  jaeger             # Kubernetes Jaeger operator with its simple config
27  keda               # Kubernetes-based Event Driven Autoscaling
28  knative            # The Knative framework on Kubernetes.
29  kubeflow           # Kubeflow for easy ML deployments
30  linkerd            # Linkerd is a service mesh for Kubernetes and other frameworks
31  multus             # Multus CNI enables attaching multiple network interfaces to
32  pods
33  portainer          # Portainer UI for your Kubernetes cluster
34  prometheus         # Prometheus operator for monitoring and logging
35  rbac               # Role-Based Access Control for authorisation
36  registry           # Private image registry exposed on localhost:32000
37  traefik            # traefik Ingress controller for external access
38
39 Enabling dns...
40 + microk8s-enable.wrapper dns
41 Addon dns is already enabled.
42
43 Enabling storage...
44 + microk8s-enable.wrapper storage
45 Addon storage is already enabled.
46
47 Enabling ingress...
48 + microk8s-enable.wrapper ingress
49 Addon ingress is already enabled.
50
51 Enabling metallb:10.64.140.43-10.64.140.49...
52 + microk8s-enable.wrapper metallb:10.64.140.43-10.64.140.49
53 Addon metallb is already enabled.
54
55 Waiting for other addons to finish initializing...
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89
90 + microk8s-kubectrl.wrapper -nkube-system rollout status
    deployment.apps/calico-kube-controllers
91 deployment "calico-kube-controllers" successfully rolled out
92
93 + microk8s-kubectrl.wrapper -nkube-system rollout status ds/calico-node
94 daemon set "calico-node" successfully rolled out
95
96 + microk8s-kubectrl.wrapper wait --for=condition=available -nkube-system
    deployment/coredns deployment/hostpath-provisioner --timeout=10m
97 deployment.apps/coredns condition met
98 deployment.apps/hostpath-provisioner condition met
99
100 Addon setup complete. Checking connectivity...
101 Bootstrapping...
102 Kubeflow could not be enabled:
103 ERROR registering credentials errored cannot acquire lock file for updating credentials
    for microk8s: unable to open /tmp/juju-store-lock-3237656438373535: permission denied
104 ERROR detecting credentials for "microk8s" cloud provider: failed to read credentials
    from kubernetes config: configuration for "admin" not supported
105
106 Command '('microk8s-juju.wrapper', 'bootstrap', 'microk8s', 'uk8s')' returned non-zero
    exit status 1
107
108
```