

```
1 $ microk8s enable kubeflow --debug
2
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  metrics-server      # K8s Metrics Server for API access to service metrics
14  storage              # Storage class; allocates storage from host directory
15  disabled:
16  ambassador          # Ambassador API Gateway and Ingress
17  cilium               # SDN, fast with full network policy
18  fluentd              # Elasticsearch-Fluentd-Kibana logging and monitoring
19  gpu                  # Automatic enablement of Nvidia CUDA
20  helm                 # Helm 2 - the package manager for Kubernetes
21  helm3                # Helm 3 - Kubernetes package manager
22  host-access          # Allow Pods connecting to Host services smoothly
23  ingress              # Ingress controller for external access
24  istio                # Core Istio service mesh services
25  jaeger               # Kubernetes Jaeger operator with its simple config
26  keda                 # Kubernetes-based Event Driven Autoscaling
27  knative              # The Knative framework on Kubernetes.
28  kubeflow             # Kubeflow for easy ML deployments
29  linkerd              # Linkerd is a service mesh for Kubernetes and other frameworks
30  metallb              # Loadbalancer for your Kubernetes cluster
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 Enabling Ingress
50 ingressclass.networking.k8s.io/public created
51 namespace/ingress created
52 serviceaccount/nginx-ingress-microk8s-serviceaccount created
53 clusterrole.rbac.authorization.k8s.io/nginx-ingress-microk8s-clusterrole created
54 role.rbac.authorization.k8s.io/nginx-ingress-microk8s-role created
55 clusterrolebinding.rbac.authorization.k8s.io/nginx-ingress-microk8s created
56 rolebinding.rbac.authorization.k8s.io/nginx-ingress-microk8s created
57 configmap/nginx-load-balancer-microk8s-conf created
58 configmap/nginx-ingress-tcp-microk8s-conf created
59 configmap/nginx-ingress-udp-microk8s-conf created
60 daemonset.apps/nginx-ingress-microk8s-controller created
61 Ingress is enabled
62
63 Enabling metallb:10.64.140.43-10.64.140.49...
64 + microk8s-enable.wrapper metallb:10.64.140.43-10.64.140.49
65 Enabling MetalLB
66 Applying Metallb manifest
67 namespace/metallb-system created
68 secret/memberlist created
69 podsecuritypolicy.policy/controller created
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69 podsecuritypolicy.policy/speaker created
70 serviceaccount/controller created
71 serviceaccount/speaker created
72 clusterrole.rbac.authorization.k8s.io/metallb-system:controller created
73 clusterrole.rbac.authorization.k8s.io/metallb-system:speaker created
74 role.rbac.authorization.k8s.io/config-watcher created
75 role.rbac.authorization.k8s.io/pod-lister created
76 clusterrolebinding.rbac.authorization.k8s.io/metallb-system:controller created
77 clusterrolebinding.rbac.authorization.k8s.io/metallb-system:speaker created
78 rolebinding.rbac.authorization.k8s.io/config-watcher created
79 rolebinding.rbac.authorization.k8s.io/pod-lister created
80 daemonset.apps/speaker created
81 deployment.apps/controller created
82 configmap/config created
83 MetalLB is enabled
84
85 Waiting for other addons to finish initializing...
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121
122 + microk8s-kubectrl.wrapper -nkube-system rollout status
123 deployment.apps/calico-kube-controllers
124 deployment "calico-kube-controllers" successfully rolled out
125
126 + microk8s-kubectrl.wrapper -nkube-system rollout status ds/calico-node
127 daemon set "calico-node" successfully rolled out
128
129 + microk8s-kubectrl.wrapper wait --for=condition=available -nkube-system
130 deployment/coredns deployment/hostpath-provisioner --timeout=10m
131 deployment.apps/coredns condition met
132 deployment.apps/hostpath-provisioner condition met
133
134 Addon setup complete. Checking connectivity...
135 Bootstrapping...
136 Kubeflow could not be enabled:
137 ERROR registering credentials errored cannot acquire lock file for updating credentials
```

```
for microk8s: unable to open /tmp/juju-store-lock-3237656438373535: permission denied
135 ERROR detecting credentials for "microk8s" cloud provider: failed to read Kubernetes
config file: /home/azureuser/.kube/config not found
136 See `juju add-credential microk8s --help` for instructions
137
138 Command '('microk8s-juju.wrapper', 'bootstrap', 'microk8s', 'uk8s')' returned non-zero
exit status 1
139
140
```