Choosing
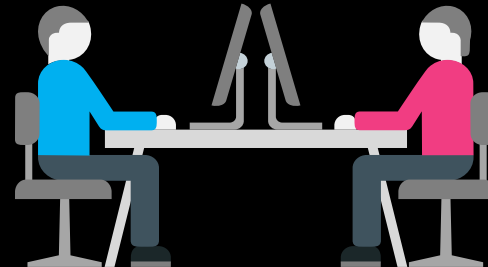## Container Network Interface

Example: Installing Weave CNI Plugin

```
kubectl apply -f "https://cloud.weave.works/k8s/net?k8s-version=$(kubectl version | base64 | tr -d '\n')"
```

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Choosing CNI Plug-in

Topology

Features

CNI Features by Provider

The following table summarizes the different features available for each CNI network provider provided by Rancher.

PROVIDER	NETWORK MODEL	ROUTE DISTRIBUTION	NETWORK POLICIES	MESH	EXTERNAL DATASTORE	ENCRYPTION	INGRESS/EGRESS POLICIES
Canal	Encapsulated (VXLAN)	No	Yes	No	K8S API	No	Yes
Flannel	Encapsulated (VXLAN)	No	No	No	K8S API	No	No
Calico	Encapsulated (VXLAN,IPIP) OR Unencapsulated	Yes	Yes	Yes	Etcd and K8S API	No	Yes
Weave	Encapsulated	Yes	Yes	Yes	No	Yes	Yes

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