'calico' : {

'init': '--pod-network-cidr=192.168.0.0/16',

'apply': 'kubectl apply -f https://docs.projectcalico.org/v3.0/getting-started/kubernetes/installation/hosted/kubeadm/1.7/calico.yaml'

},

'canal': {

'init': '--pod-network-cidr=10.244.0.0/16',

'apply': 'kubectl apply -f https://raw.githubusercontent.com/projectcalico/canal/master/k8s-install/1.7/rbac.yaml\n' +

'kubectl apply -f https://raw.githubusercontent.com/projectcalico/canal/master/k8s-install/1.7/canal.yaml'

},

'flannel': {

'init': '--pod-network-cidr=10.244.0.0/16',

'apply': 'kubectl apply -f https://raw.githubusercontent.com/coreos/flannel/v0.10.0/Documentation/kube-flannel.yml'

},

'kube-router': {

'init': '--pod-network-cidr',

'apply': ''

},

'romana': {

'init': '',

'apply': 'kubectl apply -f https://raw.githubusercontent.com/romana/romana/master/containerize/specs/romana-kubeadm.yml'

},

'weave net': {

'init': '',

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

installPackages: [

'sudo su -',

'sudo curl https://packages.cloud.google.com/apt/doc/apt-key.gpg | apt-key add -',

'sudo cat <<EOF > /etc/apt/sources.list.d/kubernetes.list\n' +

'deb http://apt.kubernetes.io/ kubernetes-xenial main\n' +

'EOF',

'curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -',

'sudo add-apt-repository \\\n' +

' "deb [arch=amd64] https://download.docker.com/linux/ubuntu \\\n' +

' $(lsb\_release -cs) \\\n' +

' stable" -y',

'sudo apt update',

'sudo apt-get install -y \\\n' +

' linux-image-extra-$(uname -r) \\\n' +

' linux-image-extra-virtual\n' +

' apt-transport-https \\\n' +

' ca-certificates \\\n' +

' curl \\\n' +

' software-properties-common\\\n' +

' docker-ce kubelet kubeadm kubectl kubernetes-cni'

kubeInit: [

'sudo swapoff -a',

'sudo sysctl net.bridge.bridge-nf-call-iptables=1',

'sudo kubeadm init'

copyKubeConfig: [

'sudo mkdir -p /root/.kube',

'mkdir -p $HOME/.kube',

'sudo cp /etc/kubernetes/admin.conf /root/.kube/config',

'sudo cp /etc/kubernetes/admin.conf $HOME/.kube/config',

'sudo chown $(id -u):$(id -g) $HOME/.kube/config'

taintMaster: [

'kubectl taint nodes --all node-role.kubernetes.io/master-'

applyNetworking: [

'kubectl apply --namespace kube-system -f ' +

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

helmInit: [

'sudo kubectl -n kube-system create sa tiller',

'sudo kubectl create clusterrolebinding tiller --clusterrole cluster-admin --serviceaccount=kube-system:tiller',

'sudo helm init --service-account tiller',

'sudo cp -R $HOME/.helm /root/.',

'sudo chown -R $(id -u):$(id -g) $HOME/.helm'

]

kubectl apply -f https://raw.githubusercontent.com/coreos/flannel/v0.9.1/Documentation/kube-flannel.yml

kubectl -n kube-system create sa tiller

kubectl create clusterrolebinding tiller --clusterrole cluster-admin --serviceaccount=kube-system:tiller

helm init --service-account tiller

helm install stable/nginx-ingress --name nginx --set controller.hostNetwork=true --set controller.service.type=NodePort --set rbac.create=true

helm install stable/kubernetes-dashboard --name management --set ingress.enabled=true --set ingress.hosts[0]=dashboard-lower.vanwagenen.com --set rbac.create=true