

# CNI

Container Network Interface ( )

## Container Network Interface

- [Container](#) Runtime must create network [namespace](#)
- Identify network container must attach to
- Container Runtime to invoke Network Plugin ([bridge](#)) when container is ADDED
- Container Runtime to invoke Network Plugin (bridge) when DELETED
- [JSON](#) format of the Network Configuration

## Configuring CNI

### kubelet.service

```
ExecStart=/usr/local/bin/kubelet \\  
  --config=/var/lib/kubelet/kubelet-config.yaml \\  
  --container-runtime=remote \\  
  --container-runtime-endpoint=unix:///var/run/containerd/containerd.sock \\  
  --image-pull-progress-deadline=2m \\  
  --kubeconfig=/var/lib/kubelet/kubeconfig \\  
  --network-plugin=cni \\  
  --cni-bin-dir=/opt/cni/bin \\  
  --cni-conf-dir=/etc/cni/net.d \\  
  --register-node=true \\  
  --v=2
```

## Plugins

- [Calico](#)
- [Flannel](#)
- [Cilium](#)
- [Kube-router](#)
- [Romana](#)
- [WeaveNet](#)
- [weaveworks](#)
- [Canal](#)

## Docs

- [bridge](#)

- [CNM](#)
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## Plugin Backlinks:

From:

<http://jace.link/> - **Various Ways**

Permanent link:

<http://jace.link/open/cni>

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