# Subnets

In many Kubernetes setups (for example with Calico in BGP mode) each node in a Kubernetes cluster is a separate subnet with its own CIDR (a range of IP addresses).

# BGP

BGP is a routing protocol used by each node to tell other nodes what is its CIDR.

It is used for example by Calico.

When a Pod on one node wants to send a packet to a specific IP address which belongs to aPod on a different node, then BGP will tell it on which node that IP address can be found.

For example in case of Calico, the calico-node-xxx Pod is responsible for BGP (telling other nodes what is the CIDR of the node on which this calico-node Pod is running).