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# Cluster Networking

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## KUBERNETES – NETWORKING PROBLEMS TO SOLVE

**CONTAINER-TO-CONTAINER**

**POD-TO-POD**

**POD-TO-SERVICES**

**EXTERNAL-TO-SERVICES**

**EVERY POD GET ITS OWN IP**

## KUBERNETES – NETWORKING FUNDAMENTAL REQUIREMENT

1. All Pods can communicate with all other Pods without using NAT

2. All Nodes can communicate with all Pods without NAT.

3. The IP that a Pod sees itself as is the same IP that others see it as

## CONTAINER NETWORK INTERFACE - PLUGINS

