



## SCHEDULING

## Scheduling

### Tolerations

Setting tolerations on a node are used to schedule Pods on tainted nodes. This provides an easy way to avoid Pods using the node. Only those with a particular toleration would be scheduled.

An operator can be included in a Pod specification, defaulting to **Equal** if not declared. The use of the operator **Equal** requires a value to match. The **Exists** operator should not be specified. If an empty key uses the **Exists** operator, it will tolerate every taint. If there is no effect, but a key and operator are declared, all effects are matched with the declared key.

**tolerations:**

- **key: "server"**
  - operator: "Equal"**
  - value: "ap-east"**
  - effect: "NoExecute"**
  - tolerationSeconds: 3600**

In the above example, the Pod will remain on the server with a key of **server** and a value of **ap-east** for 3600 seconds after the node has been tainted with **NoExecute**. When the time runs out, the Pod will be evicted.