⌂ **KUBERNETES FUNDAMENTALS (LFS258)**   SUPPORT   SIGN OUT

SCHEDULING
Scheduling

podAntiAffinity Example

With **podAntiAffinity**, we can prefer to avoid nodes with a particular label. In this case, the scheduler will prefer to avoid a node with a key set to **security** and value of **S2**.

```
podAntiAffinity:
  preferredDuringSchedulingIgnoredDuringExecution:
  - weight: 100
    podAffinityTerm:
      labelSelector:
        matchExpressions:
        - key: security
          operator: In
          values:
          - S2
```

In a large, varied environment, there may be multiple situations to be avoided. As a preference, this setting tries to avoid certain labels, but will still schedule the Pod on some node. As the Pod will still run, we can provide a weight to a particular rule. The weights can be declared as a value from 1 to 100. The scheduler then tries to choose, or avoid the node with the greatest combined value.