

# Helm Chart Values für Longhorn

Damit die Longhorn Komponenten lediglich auf bestimmten Nodes ausgerollt werden muss das Chart Values angepasst werden und bestimmte Rollen und Taints gesetzt werden.

## Rollen und Taints

## Chart Values

```
preUpgradeChecker:                                     ### Muss für das deployen über ArgoCD
verwendet werden
  jobEnabled: false

defaultSettings:
  storageMinimalAvailablePercentage: "10"
  defaultDataPath: "/mnt/longhorn-storage"
  systemManagedComponentsNodeSelector: "longhorn-node:true"
  taintToleration: "longhorn-node=true:NoSchedule"
  createDefaultDiskLabeledNodes: true

persistence:
  defaultClassReplicaCount: 2
  defaultDataLocality: "best-effort"
  defaultNodeSelector:
    enabled: true
    selector: "storage"

longhornManager:
  tolerations:
    - key: "longhorn-node"
      operator: "Equal"
      value: "true"
      effect: "NoSchedule"
  nodeSelector:
    longhorn-node: "true"

csi:
# Die zentralen Controller-Komponenten können wir auf die Storage-Nodes
legen.
  attacher:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
```

```
    value: "true"
    effect: "NoSchedule"
  nodeSelector:
    longhorn-node: "true"
  provisioner:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
        value: "true"
        effect: "NoSchedule"
    nodeSelector:
      longhorn-node: "true"
  resizer:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
        value: "true"
        effect: "NoSchedule"
    nodeSelector:
      longhorn-node: "true"
  snapshotter:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
        value: "true"
        effect: "NoSchedule"
    nodeSelector:
      longhorn-node: "true"

longhornUI:
  replicas: 1
  tolerations:
    - key: "longhorn-node"
      operator: "Equal"
      value: "true"
      effect: "NoSchedule"
  nodeSelector:
    longhorn-node: "true"

service:
  ui:
    type: LoadBalancer
```

```
defaultSettings:
  storageMinimalAvailablePercentage: "10"
  defaultDataPath: "/mnt/longhorn-storage"
  systemManagedComponentsNodeSelector: "longhorn-node:true"

persistence:
```

```
defaultClassReplicaCount: 2
defaultDataLocality: "best-effort"

#longhornManager:
#  tolerations:
#    - key: "longhorn-node"
#      operator: "Equal"
#      value: "true"
#      effect: "NoSchedule"
#  nodeSelector:
#    longhorn-node: "true"

engine:
  tolerations:
    - key: "longhorn-node"
      operator: "Equal"
      value: "true"
      effect: "NoSchedule"
  nodeSelector:
    longhorn-node: "true"

csi:
  # Die zentralen Controller-Komponenten können wir auf die Storage-Nodes
  # legen.
  attacher:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
        value: "true"
        effect: "NoSchedule"
    nodeSelector:
      longhorn-node: "true"
  provisioner:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
        value: "true"
        effect: "NoSchedule"
    nodeSelector:
      longhorn-node: "true"
  resizer:
    tolerations:
      - key: "longhorn-node"
        operator: "Equal"
        value: "true"
        effect: "NoSchedule"
    nodeSelector:
      longhorn-node: "true"
  snapshotter:
    tolerations:
      - key: "longhorn-node"
```

```
operator: "Equal"  
value: "true"  
effect: "NoSchedule"  
nodeSelector:  
  longhorn-node: "true"
```

```
longhornUI:  
  replicas: 1  
  tolerations:  
    - key: "longhorn-node"  
      operator: "Equal"  
      value: "true"  
      effect: "NoSchedule"  
  nodeSelector:  
    longhorn-node: "true"
```

From:  
<https://blog.cooltux.net/> - TuxNet DokuWiki

Permanent link:  
[https://blog.cooltux.net/doku.php?id=it-wiki:kubernetes:longhorn\\_helmchart\\_values&rev=1761570809](https://blog.cooltux.net/doku.php?id=it-wiki:kubernetes:longhorn_helmchart_values&rev=1761570809)

Last update: **2025/10/27 13:13**

