

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

```
kubectl label node k8s-worker01 k8s-node02 k8s-node03 longhorn-node=true
kubectl label node k8s-worker01 k8s-node02 k8s-node03
node.longhorn.io/create-default-disk=true
kubectl taint node k8s-worker01 k8s-node02 k8s-node03 longhorn-
node=true:NoSchedule
```

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://www.cooltux.net/> - TuxNet DokuWiki

Permanent link:
https://www.cooltux.net/doku.php?id=it-wiki:kubernetes:longhorn_helmchart_values

Last update: 2025/10/27 13:18

