

## Issue

In UCP 3.0.0, you can select a Kubernetes namespace in the Namespace list view in the UI and click **Link Nodes in Collection**. This will let you choose a UCP collection; any workloads that are deployed in this namespace will be restricted to running on nodes that are in the given UCP collection.

However, there is a known issue in UCP 3.0.0 that prevents node labels from being properly synchronized between Docker Swarm and Kubernetes; because of this issue, workloads in a linked namespace will not be able to find their nodes and therefore will not be able to start.

## Resolution

If you have linked a collection's nodes to a namespace using the **Link Nodes in Collection** button and you are finding that workloads in that namespace are not starting, you can fix the problem by performing the following steps:

1. Download an admin client bundle in UCP and load it.
2. Run the following bash script:

```
#!/bin/sh

for node in $(docker node ls -q); do
    hostname=$(docker node inspect $node --format '{{.Description.Hostname}}' | tr '[:upper:]'
[:lower:]')
    keys=$(docker node inspect $node --format '{{range $key, $value := .Spec.Labels}}{{$key}}
{{end}}')
    for key in $keys; do
        if echo $key | grep -q "^com.docker.ucp.collection"; then
            value=$(docker node inspect $node --format "{{index .Spec.Labels \"$key\"}}")
            echo "Setting Kubernetes node $hostname label $key=$value"
            kubectl label nodes $hostname $key=$value
        fi
    done
done
```

This script manually syncs the node labels between Swarm and Kubernetes. You must re-run this script any time you add a new node or any time you change a node's collection.