**DELETE DANGLING NAMESPACE**

If a namespace is dangling even after the Tenant is deleted from the ECP Dashboard, please follow the steps below to delete it using CLI.

Below is an example to delete the dangling **service-proxy** namespace.

1. *kubectl get ns service-proxy -o json > service-proxy.json*
2. Edit the above json and delete the finalizers – kubernetes section

Text

Description automatically generated

1. *kubectl replace --raw "/api/v1/namespaces/service-proxy/finalize" -f ./service-proxy.json*

**OR** run below command to remove finalizers instead of above 3 commands.

kubectl get namespace "***namespace\_name***" -o json \ | tr -d "\n" | sed "s/\"finalizers\": \[[^]]\+\]/\"finalizers\": []/" \| kubectl replace --raw /api/v1/namespaces/***namespace\_name***/finalize -f -

1. *kubectl delete ns service-proxy*
2. If the namespace still exists, check if it is listed as tenant using - *$ kubectl get tenant | findstr service-proxy*
3. If the namespace is listed under tenants, delete the tenant using - *$ kubectl delete tenant service-proxy*

This will clean up the namespace and all the resources under it.

P.S.: To see api resources data of a namespace:

**kubectl api-resources --verbs=list --namespaced -o name | xargs -n 1 kubectl get --show-kind --ignore-not-found -n <namespace\_name>**