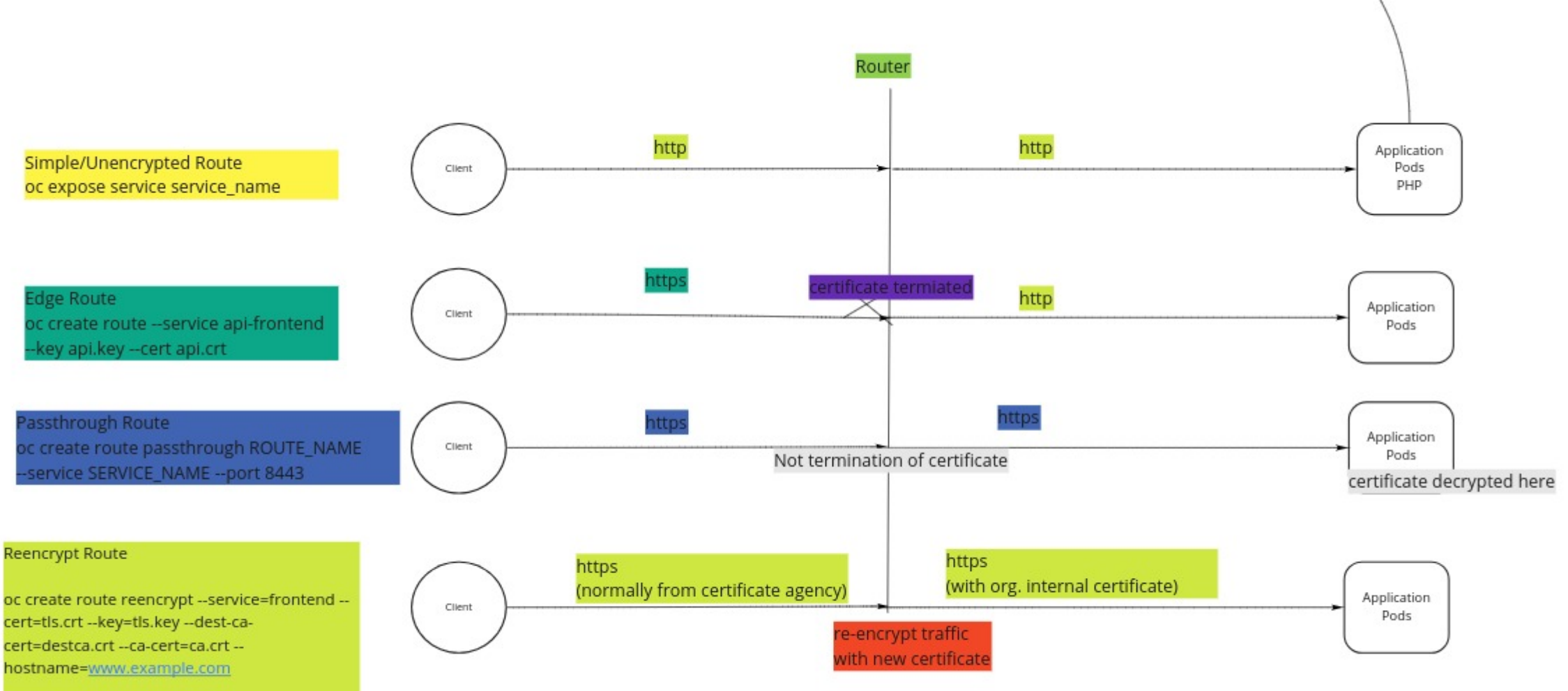
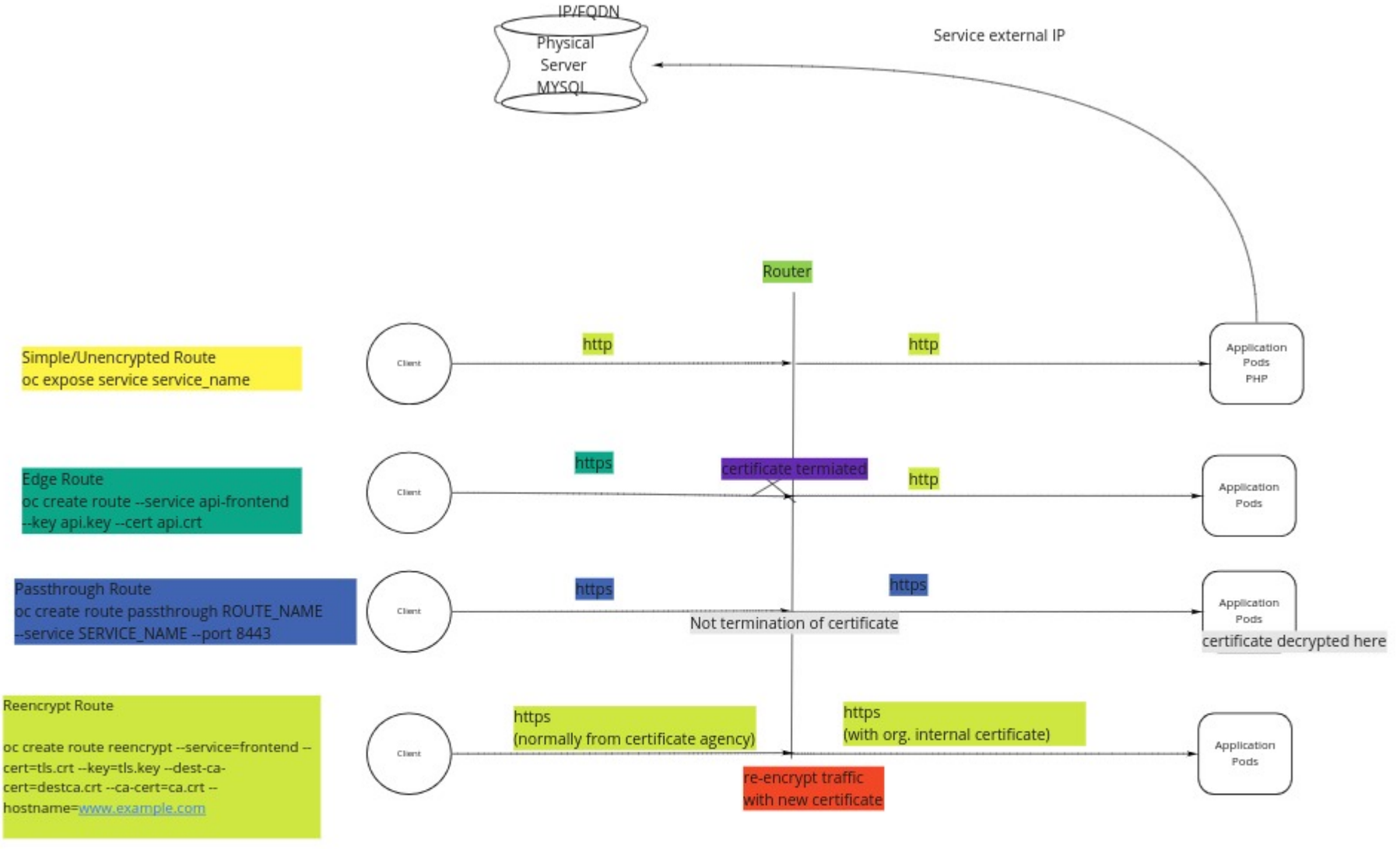

Router
Simple/Unencrypted Route
oc expose service service_name
Client
http
http
Application Pods PHP
Edge Route
oc create route --service api-frontend --key api.key --cert api.crt
Client
https
certificate termiated
http
Application Pods
Passthrough Route
oc create route passthrough ROUTE_NAME --service SERVICE_NAME --port 8443
Client
https
https
Not termination of certificate
Application Pods
certificate decrypted here
Reencrypt Route
oc create route reencrypt --service=frontend --cert=tls.crt --key=tls.key --dest-ca-cert=destca.crt --ca-cert=ca.crt --hostname=www.example.com
Client
https
(normally from certificate agency)
https
(with org. internal certificate)
re-encrypt traffic
with new certificate
Application Pods



oc create secret todo-certs --key --cert deployment/todo-https todo-certs /usr/local/PATH