Steps to deploy Train-Ticket

This document was written on January 4, 2023

Here are the steps to install trainticket v1.0.

Dependencies

1. An existing <u>Kubernetes</u> cluster

Here are a few recommended documents of Kubernetes installation for reference: <u>https://kubernetes.io/docs/setup/</u> <u>https://phoenixnap.com/kb/how-to-install-kubernetes-on-centos#ftoc-heading</u> <u>=3</u>.

2. Helm

You can see <u>https://helm.sh/docs/helm/helm_install/</u> for helm install.

- 1. Select and download the latest release from <u>Helm repository</u>
- 2. Unzip and copy

mv linux-amd64/helm /usr/local/bin/helm

3. LocalPV

You can see <u>https://openebs.io/docs/2.12.x/user-guides/installation</u> for localPV support.

1. Temporarily remove traint on the master node before installation

```
# Replace `k8s-master` with the name of your master node
kubectl taint nodes k8s-master node-
role.kubernetes.io/master:NoSchedule-
```

2. Run this command on the master node

```
kubectl apply -f https://openebs.github.io/charts/openebs-
operator.yaml
```

3. Then re-add traint

```
kubectl taint nodes k8s-master node-
role.kubernetes.io/master=:NoSchedule
# Ignore the error (error: taint "node-role.kubernetes.io/master"
not found)
```

4. Set the default StorageClass

```
kubectl patch storageclass openebs-hostpath -p '{"metadata":
{"annotations":{"storageclass.kubernetes.io/is-default-
class":"true"}}'
```

[[root@master ~]# kubectl get pod —n openebs				
NAME	READY	STATUS	RESTARTS	AGE
openebs-localpv-provisioner-5d88cb474b-b55bw	1/1	Running	0	3h33m
openebs-ndm-cluster-exporter-84bb5fc764-dnhlm	1/1	Running	0	3h33m
openebs-ndm-h7zh4	1/1	Running	0	3h33m
openebs-ndm-node-exporter-gfwqk	1/1	Running	0	3h33m
openebs-ndm-node-exporter-p18ql	1/1	Running	0	3h33m
openebs-ndm-node-exporter-svxwg	1/1	Running	0	3h33m
openebs-ndm-node-exporter-wbmcl	1/1	Running	0	3h33m
openebs-ndm-operator-7657446466-tfs2h	1/1	Running	0	3h33m
openebs-ndm-rrbch	1/1	Running	0	3h33m
openebs-ndm-v18w6	1/1	Running	0	3h33m
openebs-ndm-znc8r	1/1	Running	0	3h33m

Deployment of Train-Ticket

Quick Start

1. Git clone

```
git clone https://github.com/FudanSELab/train-ticket.git
cd train-ticket
```

2. Deploy

The deployment script has been configured, providing following commands for quick start:

make deploy

k8s-master [~]\$ kubectl get pods NAME READY STATUS RESTARTS AGE nacos-0 1/1 Running 0 29d nacos-1 1/1 Running 0 29d nacosdb-mysql-0 2/3 Running 0 29d nacosdb-mysql-1 3/3 Running 0 29d nacosdb-mysql-2 3/3 Running 0 29d nacosdb-mysql-1 3/3 Running 0 29d nacosdb-mysql-2 3/3 Running 0 18d ts-admin-basic-info-service-595db5b9cf-fsmjv 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-hlgmr 1/1 Running 0 18d ts-admin-basic-info-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-s
$\begin{array}{llllllllllllllllllllllllllllllllllll$
$\begin{array}{llllllllllllllllllllllllllllllllllll$
nacos-2 1/1 Running 0 29d nacosdb-mysql-0 2/3 Running 0 29d nacosdb-mysql-1 3/3 Running 0 29d nacosdb-mysql-2 3/3 Running 0 6h32m rabbitmq-7dffdd7bb8-4dmll 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-fsmjv 1/1 Running 0 18d ts-admin-order-service-77b645d88f-srwqm 1/1 Running 0 18d ts-admin-order-service-77b645d88f-srwqm 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-67c6d76b4-w8s7 1/1 Running 0 18d ts-admin-travel-service-67c6d76b4-w8s7 1/1 Running 0 18d ts-admin-user-service-57fbb896c4-4qzxc 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-aas
nacosdb-mysql-0 2/3 Running 0 29d nacosdb-mysql-1 3/3 Running 0 29d nacosdb-mysql-2 3/3 Running 0 6h32m rabbitmq-7dffd7bb8-4dmll 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-fsmjv 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-hlgmr 1/1 Running 0 18d ts-admin-order-service-77b645d88f-stwqm 1/1 Running 0 18d ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-7f4j6 1/1 Running 0 18d ts-admin-travel-service-65c4d76b4-jslb2 1/1 Running 0 18d ts-admin-user-service-57fbb896c4-4gzxc 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d
nacosdb-mysql-1 3/3 Running 0 29d nacosdb-mysql-2 3/3 Running 0 6h32m rabbitmq-7dffdd7bb8-4dmll 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-fsmjv 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-hlgmr 1/1 Running 0 18d ts-admin-order-service-77b645d88f-srwqm 1/1 Running 0 18d ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-764n 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-764n 1/1 Running 0 18d ts-admin-route-service-67cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-67cd6cf987-774j6 1/1 Running 0 18d ts-admin-travel-service-67cd6cf987-774j6 1/1 Running 0 18d ts-admin-user-service-67cd6cf987-664nc 1/1 Running
rabbitmq-7dffdd7bb8-4dmll1/1Running018dts-admin-basic-info-service-595db5b9cf-fsmjv1/1Running018dts-admin-basic-info-service-595db5b9cf-hlgmr1/1Running018dts-admin-order-service-77b645d88f-srwqm1/1Running018dts-admin-order-service-77b645d88f-tbh5m1/1Running018dts-admin-order-service-77cd6cf987-b64nc1/1Running018dts-admin-route-service-77cd6cf987-b64nc1/1Running08dts-admin-travel-service-d5c4d76b4-jslb21/1Running08dts-admin-travel-service-57fbb896c4-4qzxc1/1Running018dts-admin-user-service-67584bc8ff-wcclb1/1Running018dts-assurance-service-67584bc8ff-wcclb1/1Running018dts-assurance-service-557dfdd4bf-pt7dz1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-646644ddf4-pt7dz1/1Running08dts-basic-service-646644ddf4-gzzxm1/1Running08dts-concel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running08d
ts-admin-basic-info-service-595db5b9cf-fsmjv 1/1 Running 0 18d ts-admin-basic-info-service-595db5b9cf-hlgmr 1/1 Running 0 18d ts-admin-order-service-77b645d88f-srwqm 1/1 Running 0 18d ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-b64nc 1/1 Running 0 8d ts-admin-travel-service-67cd476b4-jslb2 1/1 Running 0 8d ts-admin-user-service-57fbb896c4-4qzxc 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-aauth-service-557dfdd4bf-pt7dz 1/1 Running 0 18d ts-aauth-service-559dfdd4bf-pt7dz 1/1 Running 0 18d ts-aavatar-service-5998599df8-fvsng <
ts-admin-basic-info-service-595db5b9cf-hlgmr 1/1 Running 0 18d ts-admin-order-service-77b645d88f-srwqm 1/1 Running 0 18d ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-b64nc 1/1 Running 0 18d ts-admin-travel-service-d5c4d76b4-jslb2 1/1 Running 0 8d ts-admin-travel-service-d5c4d76b4-w8ss7 1/1 Running 0 8d ts-admin-user-service-57fbb896c4-sr2sw 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-assurance-service-557dfdd4bf-pt7dz 1/1 Running 0 18d ts-avatar-service-5998599df8-fvsng 1/1 Running 0 18d ts-avatar-service-646644ddf4-pgzxm 1/1 Running 0 8d ts-basic-service-646644ddf4-gzzmm 1/1 </td
ts-admin-order-service-77b645d88f-srwqm 1/1 Running 0 18d ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-b64nc 1/1 Running 0 18d ts-admin-route-service-d5c4d76b4-jslb2 1/1 Running 0 8d ts-admin-travel-service-d5c4d76b4-jslb2 1/1 Running 0 8d ts-admin-travel-service-d5c4d76b4-w8ss7 1/1 Running 0 8d ts-admin-user-service-57fbb896c4-4qzxc 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-auth-service-557dfdd4bf-rt7dz 1/1 Running 0 18d ts-avatar-service-5998599df8-fvsng 1/1 Running 0 18d ts-avatar-service-646644ddf4-crzxm 1/1 Running 0 8d ts-basic-service-646644ddf4-ccrwm 1/1 <t< td=""></t<>
ts-admin-order-service-77b645d88f-tbh5m 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-b64nc 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-b64nc 1/1 Running 0 18d ts-admin-travel-service-d5c4d76b4-jslb2 1/1 Running 0 8d ts-admin-travel-service-d5c4d76b4-w8ss7 1/1 Running 0 8d ts-admin-user-service-57fbb896c4-4qzxc 1/1 Running 0 18d ts-admin-user-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-auth-service-557dfdd4bf-rz5k5 1/1 Running 0 18d ts-avatar-service-5998599df8-fvsng 1/1 Running 0 18d ts-avatar-service-646644ddf4-ccrwm 1/1 Running 0 8d ts-cancel-service-646644ddf4-ccrwm 1/1
ts-admin-route-service-77cd6cf987-774j6 1/1 Running 0 18d ts-admin-route-service-77cd6cf987-b64nc 1/1 Running 0 18d ts-admin-travel-service-d5c4d76b4-jslb2 1/1 Running 0 8d ts-admin-travel-service-d5c4d76b4-w8ss7 1/1 Running 0 8d ts-admin-user-service-57fbb896c4-4qzxc 1/1 Running 0 18d ts-admin-user-service-57fbb896c4-sr2sw 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-assurance-service-557dfdd4bf-pt7dz 1/1 Running 0 18d ts-avatar-service-5998599df8-kxxs2 1/1 Running 0 18d ts-basic-service-64664vddf4-ccrwm 1/1
ts-admin-route-service-77cd6cf987-b64nc1/1Running018dts-admin-travel-service-d5c4d76b4-jslb21/1Running08dts-admin-travel-service-d5c4d76b4-w8ss71/1Running08dts-admin-user-service-57fbb896c4-4qzxc1/1Running018dts-admin-user-service-57fbb896c4-sr2sw1/1Running018dts-assurance-service-67584bc8ff-sd8481/1Running018dts-assurance-service-67584bc8ff-wcclb1/1Running018dts-asturance-service-557dfdd4bf-pt7dz1/1Running018dts-auth-service-557dfdd4bf-rz5k51/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running08dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-ckrfj1/1Running029d
ts-admin-travel-service-d5c4d76b4-jslb21/1RunningØ8dts-admin-travel-service-d5c4d76b4-w8ss71/1RunningØ8dts-admin-user-service-57fbb896c4-4qzxc1/1RunningØ18dts-admin-user-service-57fbb896c4-sr2sw1/1RunningØ18dts-assurance-service-67584bc8ff-sd8481/1RunningØ18dts-assurance-service-67584bc8ff-wcclb1/1RunningØ18dts-assurance-service-557dfdd4bf-pt7dz1/1RunningØ18dts-auth-service-557dfdd4bf-rz5k51/1RunningØ18dts-avatar-service-5998599df8-fvsng1/1RunningØ18dts-avatar-service-67984bc8ff-wcclb1/1RunningØ8dts-auth-service-5998599df8-fvsng1/1RunningØ8dts-avatar-service-5998599df8-fvsng1/1RunningØ8dts-basic-service-dc47b9966-bgrkm1/1RunningØ8dts-cancel-service-646644ddf4-ccrwm1/1RunningØ8dts-cancel-service-646644ddf4-gzzxm1/1RunningØ8dts-config-service-7578bd9cf7-ckrfj1/1RunningØ8dts-config-service-7578bd9cf7-ckrfj1/1RunningØ29d
ts-admin-travel-service-d5c4d76b4-w8ss71/1RunningØ8dts-admin-user-service-57fbb896c4-4qzxc1/1RunningØ18dts-admin-user-service-57fbb896c4-sr2sw1/1RunningØ18dts-assurance-service-67584bc8ff-sd8481/1RunningØ18dts-assurance-service-67584bc8ff-wcclb1/1RunningØ18dts-assurance-service-57dfdd4bf-pt7dz1/1RunningØ18dts-auth-service-557dfdd4bf-rz5k51/1RunningØ18dts-auth-service-5998599df8-fvsng1/1RunningØ18dts-avatar-service-5998599df8-fvsng1/1RunningØ18dts-avatar-service-64664bdf4-ccrwm1/1RunningØ8dts-cancel-service-646644ddf4-ccrwm1/1RunningØ8dts-config-service-7578bd9cf7-ckrfj1/1RunningØ8dts-config-service-7578bd9cf7-mbj2l1/1RunningØ29d
ts-admin-user-service-57fbb896c4-4qzxc 1/1 Running 0 18d ts-admin-user-service-57fbb896c4-sr2sw 1/1 Running 0 18d ts-assurance-service-67584bc8ff-sd848 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-assurance-service-67584bc8ff-wcclb 1/1 Running 0 18d ts-auth-service-557dfdd4bf-pt7dz 1/1 Running 0 18d ts-auth-service-557dfdd4bf-rz5k5 1/1 Running 0 18d ts-avatar-service-5998599df8-fvsng 1/1 Running 0 18d ts-avatar-service-5998599df8-kxxs2 1/1 Running 0 18d ts-basic-service-dc47b9966-bgrkm 1/1 Running 0 8d ts-basic-service-dc47b9966-rxxbd 1/1 Running 0 8d ts-cancel-service-646644ddf4-ccrwm 1/1 Running 0 8d ts-cancel-service-646644ddf4-gzzxm 1/1 Running 0 8d ts-config-service-7578bd9cf7-ckrfj 1/1 Running 0
ts-admin-user-service-57fbb896c4-sr2sw1/1Running018dts-assurance-service-67584bc8ff-sd8481/1Running018dts-assurance-service-67584bc8ff-wcclb1/1Running018dts-assurance-service-557dfdd4bf-pt7dz1/1Running018dts-auth-service-557dfdd4bf-rz5k51/1Running018dts-auth-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-kxxs21/1Running08dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-assurance-service-67584bc8ff-sd8481/1Running018dts-assurance-service-67584bc8ff-wcclb1/1Running018dts-auth-service-557dfdd4bf-pt7dz1/1Running018dts-auth-service-557dfdd4bf-rz5k51/1Running018dts-auth-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-kxxs21/1Running018dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-assurance-service-67584bc8ff-wcclb1/1Running018dts-auth-service-557dfdd4bf-pt7dz1/1Running018dts-auth-service-557dfdd4bf-rz5k51/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-6998599df8-fvsng1/1Running08dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-auth-service-557dfdd4bf-pt7dz 1/1 Running 0 18d ts-auth-service-557dfdd4bf-rz5k5 1/1 Running 0 18d ts-avatar-service-5998599df8-fvsng 1/1 Running 0 18d ts-avatar-service-5998599df8-fvsng 1/1 Running 0 18d ts-avatar-service-5998599df8-kxxs2 1/1 Running 0 18d ts-basic-service-dc47b9966-bgrkm 1/1 Running 0 8d ts-basic-service-dc47b9966-rxxbd 1/1 Running 0 8d ts-basic-service-dc47b9966-rxxbd 1/1 Running 0 8d ts-cancel-service-646644ddf4-ccrwm 1/1 Running 0 8d ts-cancel-service-646644ddf4-gzzxm 1/1 Running 0 8d ts-config-service-7578bd9cf7-ckrfj 1/1 Running 0 18d ts-config-service-7578bd9cf7-mbj2l 1/1 Running 0 29d
ts-auth-service-557dfdd4bf-rz5k51/1Running018dts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-kxxs21/1Running018dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-avatar-service-5998599df8-fvsng1/1Running018dts-avatar-service-5998599df8-kxxs21/1Running018dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-avatar-service-5998599df8-kxxs21/1Running018dts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-basic-service-dc47b9966-bgrkm1/1Running08dts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-basic-service-dc47b9966-rxxbd1/1Running08dts-cancel-service-646644ddf4-ccrwm1/1Running08dts-cancel-service-646644ddf4-gzzxm1/1Running08dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-cancel-service-646644ddf4-ccrwm1/1Running8dts-cancel-service-646644ddf4-gzzxm1/1Running8dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-cancel-service-646644ddf4-gzzxm1/1Running8dts-config-service-7578bd9cf7-ckrfj1/1Running018dts-config-service-7578bd9cf7-mbj2l1/1Running029d
ts-config-service-7578bd9cf7-mbj2l 1/1 Running 0 29d
ts-consign-price-service-c5f7dc849-cjslc 1/1 Running 0 8d
ts-consign-price-service-c5f7dc849-cxt95 1/1 Running 0 8d
ts-consign-service-97b57cdf6-j9pzg 1/1 Running 0 18d
ts-consign-service-97b57cdf6-s8fhj 1/1 Running 0 18d
ts-contacts-service-7586d57c67-922bp 1/1 Running 0 29d
ts-contacts-service-7586d57c67-bns65 1/1 Running 0 18d
ts-delivery-service-7ff949f98f-5cf66 1/1 Running 0 18d ts-delivery-service-7ff949f98f-mpbfr 1/1 Running 0 29d
ts-delivery-service-7ff949f98f-mpbfr 1/1 Running 0 29d ts-execute-service-74b9955ddc-2vxm2 1/1 Running 0 18d
ts-execute-service-74b9955ddc-9lv7w 1/1 Running 0 29d
ts-food-delivery-service-86ddfd6bf7-8vt8j 1/1 Running 0 29d
ts-food-delivery-service-86ddfd6bf7-phwvp 1/1 Running 0 8d
ts-food-service-57ff7645dc-g8gcc 1/1 Running 0 18d
ts-food-service-57ff7645dc-zn7qw 1/1 Running 0 18d
ts-gateway-service-5866f657c6-9jkhc 1/1 Running 0 18d
ts-gateway-service-5866f657c6-vb7jt 1/1 Running 0 18d
ts-inside-payment-service-59c4bc8bb7-5rdxt 1/1 Running 0 8d
ts-inside-payment-service-59c4bc8bb7-l95k7 1/1 Running 0 8d
ts-news-service-8579ff9b5f-hb6pd 1/1 Running 0 8d
ts-news-service-8579ff9b5f-llqjc 1/1 Running 0 8d
ts-notification-service-f87b8776c-2csxw 1/1 Running 0 29d
ts-notification-service-f87b8776c-hl5ds 1/1 Running 0 29d
ts-order-other-service-5b5666cd96-7ncfg 1/1 Running 0 18d
ts-order-other-service-5b5666cd96-j59m6 1/1 Running 0 18d
ts-order-service-5c8b698d7b-bnvq7 1/1 Running 0 29d
ts-order-service-5c8b698d7b-dgp4p 1/1 Running 0 18d
ts-payment-service-5fb5487dd5-5fznr 1/1 Running 0 8d

Uninstall

1. Withdrawal of installation:

make reset-deploy

2. Remove Completely

make reset-deploy does not completely delete all related resources.

Here are the steps to completely clear the Train–Ticket related resource objects:

- 1. use make reset-deploy to delete most resource.
- 2. use helm list and helm uninstall to delete pod of databases.

k8s-master [∽]\$ helm list					
NAME	NAMESPACE	REVISION	UPDATED	STATUS	CHART	APP VERSION
nacos	default	1	2022-12-05 13:31:39.265632488 +0800	CST deployed	nacos-0.1.5	1.0
nacosdb	default	1	2022-12-05 13:30:39.893074998 +0800) CST deployed	mysql-1.0.0	5.7.34
rabbitmq	default	1	2022-12-05 13:31:50.943276122 +0800) CST deployed	rabbitmq-3	1.0
tsdb	default	1	2022-12-05 13:31:53.078241844 +0800	CST deployed	mysql-1.0.0	5.7.34

3. delete pvc and pv

Please ensure that all pods are deleted first, and then delete the PVC before deleting the PV.