Test architecture/topology

The test environment consists of three virtual machines in total:

- one VM for Jenkins CI
- one VM for TarsFramework and Jenkins slave
- one VM for TarsNode and Jenkins slave.

Software Version

OpenStack: Rocky
k8s:1.15.0

Java:

openjdk version "1.8.0_232"
OpenJDK Runtime Environment (build 1.8.0_232-b09)
OpenJDK 64-Bit Server VM (build 25.232-b09, mixed mode)

Jenkins: Ver 2.190.2

CentOS 7 centos-7_aarch64 - ami-012355fc520b79a12

Mysql Ver 14.14 Distrib 5.6.26, for Linux (aarch64) using EditLine wrapper

Devices Under Test

- Ampere POD 1
- Amazon EC2 A1
- Inspur 5280

Test Script
The test is to fulfill by Jenkins Job. The test script includes:

- Compile the Tars Framework

  ```bash
  cd /usr/local/robert/testCompileCode
  
git clone -b arm https://github.com/qiuxin/Tars.git
  
  cd /usr/local/robert/testCompileCode/Tars
  
git submodule update --init --recursive
  
  cd /usr/local/robert/testCompileCode/Tars/framework/build
  
  chmod u+x build.sh
  build.sh all
  
  rm -rf /usr/local/robert/testCompileCode/Tars
  ```

- Call the service deployed by Tars Framework

  ```bash
  /usr/local/testClient/CVAppClient
  ```

The log is triggered periodically.

The log is updated to

- https://nexus.akraino.org/content/sites/logs/tencent/job/TestCompileCode/
- https://nexus.akraino.org/content/sites/logs/tencent/job/TestConnectVehicleService/
- https://nexus.akraino.org/content/sites/logs/tencent/job/CD_Install_Tars/