CVB Test Doc for R2

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/