



Doctor Configuration Guide

Release 2015.1.0 (94352b9)

OPNFV

May 25, 2016

CONTENTS

1	Doctor Configuration	1
1.1	Doctor Inspector	1
1.2	Doctor Monitor	1

DOCTOR CONFIGURATION

1.1 Doctor Inspector

Doctor Inspector is suggested to be placed in one of the controller nodes, but it can be put on any host where Doctor Monitor can reach and accessible to the OpenStack Controller (Nova).

Make sure OpenStack env parameters are set properly, so that Doctor Inspector can issue admin actions such as compute host force-down and state update of VM.

Then, you can configure Doctor Inspector as follows:

```
git clone https://gerrit.opnfv.org/gerrit/doctor -b stable/brahmaputra
cd doctor/tests
INSPECTOR_PORT=12345
python inspector.py $INSPECTOR_PORT > inspector.log 2>&1 &
```

1.2 Doctor Monitor

Doctor Monitors are suggested to be placed in one of the controller nodes, but those can be put on any host which is reachable to target compute host and accessible to the Doctor Inspector. You need to configure Monitors for all compute hosts one by one.

Make sure OpenStack env parameters are set properly, so that Doctor Inspector can issue admin actions such as compute host force-down and state update of VM.

Then, you can configure Doctor Monitor as follows:

```
git clone https://gerrit.opnfv.org/gerrit/doctor -b stable/brahmaputra
cd doctor/tests
INSPECTOR_PORT=12345
COMPUTE_HOST='overcloud-novacompute-0'
sudo python monitor.py "$COMPUTE_HOST" \
    "http://127.0.0.1:$INSPECTOR_PORT/events" > monitor.log 2>&1 &
```