



Doctor User Guide

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DOCTOR CAPABILITIES AND USAGE

1.1 Immediate Notification

Immediate notification can be used by creating 'event' type alarm via OpenStack Alarming (Aodh) API with relevant internal components support.

See, upstream spec document: <http://specs.openstack.org/openstack/ceilometer-specs/specs/liberty/event-alarm-evaluator.html>

You can find an example of consumer of this notification in doctor repository. It can be executed as follows:

```
git clone https://gerrit.opnfv.org/gerrit/doctor -b stable/brahmaputra
cd doctor/tests
CONSUMER_PORT=12346
python consumer.py "$CONSUMER_PORT" > consumer.log 2>&1 &
```

1.2 Consistent resource state awareness (Compute/host-down)

Resource state of compute host can be fixed according to an input from a monitor sitting out side of OpenStack Compute (Nova) by using force-down API.

See http://artifacts.opnfv.org/doctor/brahmaputra/docs/manuals/mark-host-down_manual.html for more detail.