Template

Test Case {{{ id }}}

* **Id**: {{{ id }}}
* **Type**: {{{ type }}}
* **Execution Type**: {{{ execution\_type }}}
* **LAVA Integration**: Not Integrated
* **Target**: Any
* **Image Type**: Any

**Description**

{{{ description }}}

Bluetooth discovery mode capability.

Once the Bluetooth stack is set to discovery mode, it's necessary to verify if some basic capabilities are working as described bellow:

* Verify if the Bluetooth device can discover/search other Bluetooth devices
* Measure the power consumption while discovery mode is on
* Pair the Bluetooth device with another dummy device

**Resources**

* {{{ resources }}}
* Intel development board model X.Y.Z
* Bluetooth dongle
* Internet connection
* Jabber server

**Pre-Conditions**

1. {{{ preconditions }}}
2. Install packages X, Y and Z.

sudo apt-get install X Y Z

1. Make sure that kernel module foo is installed.

sudo lsmod | grep foo

1. Etc.

**Execution**

1. {{{ execution }}}
2. Check if the Bluetooth device can discover other devices as they appear and disappear.

./check-bt-disco

1. Check that other Bluetooth devices can see this one and that it properly stops emitting when disabled.

./example-command.sh

1. Verify the power consumption difference when enabled/disabled.

cat /proc/foo

1. Pair the Bluetooth device with another, check if passcode prompts work properly.

/usr/bin/bt-mng --foo

**Expected Results**

{{{ results }}}

* The device must be able to query for others available devices and keep the device list up to date.
* The power consumption must not be greater than X.
* The device must be able to connect/pair with other Bluetooth device and transfer data between peers.

bt-mng LOG: Device connected peer X

bt-mng LOG: PASSED

**Post-Conditions**

1. {{{ postconditions }}}
2. Example post-condition

**Notes**

* {{{ notes }}}
* Example note