

# ixbps

**Library scope:** global  
**Named arguments:** supported

## Introduction

provides functions for Ixia Breaking Point

Breaking Point testers setting is set by `tester` section in `local.yaml`. Users need to specify the physical ports used by the test by its card and port number.

Setting example:

```
ixbps01:  
  device: ixbps01  
  config: test.bpt  
  real-port:  
    - card: 1  
      port: 0  
    - card: 1  
      port: 1
```

**Notes:** Ignore the *self* parameters when using those keywords. The module requires Breaking Point Python library installedd properly to work.

## Shortcuts

Close · Get Test Report · Load Config · Start Test · Stop Test · Wait Until Finish

## Keywords

Keyword	Arguments	Documentation
<b>Close</b>	<i>self</i>	Closes the connection to the BP box
<b>Get Test Report</b>	<i>self</i> , <i>report_name=result</i>	Gets and saves the test report to local disk
<b>Load Config</b>	<i>self</i> , <i>config_name=</i> , <i>force=True</i>	Loads test configuration <i>config_name</i> is defined in <code>local.yaml</code> or specific by user in the main scenario.
<b>Start Test</b>	<i>self</i> , <i>test_name</i> , <i>force=True</i>	Starts a test by its name  The system automatically reserve the ports defined in <code>local.yaml</code> . The reserved ports are released when the test is stopped
<b>Stop Test</b>	<i>self</i> , <i>wait=5s</i>	Stops a running test
<b>Wait Until Finish</b>	<i>self</i> , <i>interval=30s</i> , <i>timeout=30m</i> , <i>verbose=False</i>	Waits until the test finished or timeout  <b>Notes:</b> This is a blocking keyword

Altogether 6 keywords.

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