

# avaproxy

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

## Introduction

Provides Spirent Avalance keywords

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## Usage

The module need to be used with a AVA proxy server with topology looks like this:

```
this module <=> AVA proxy server (32bit) <=> AVA 32bit library <=> AVA hardware
```

SPF test files should be exported from AVA GUI.

Sample `local.yaml` setting for AVA

```
# tester information
tester:
  ava01:
    device: ava01
    config: config.spf
    real-port:
      - chassis: 10.128.64.231
        card: 1
        port: 1
      - chassis: 10.128.64.232
        card: 1
        port: 1
```

The device `ava01` is define as below in global `device.yaml`:

```
ava01:
  type: avaproxy
  description: a AVA proxy (32bit)
  license-server: 10.128.64.222
  ip: 10.128.64.104
  port: 5001
```

**Note:** the `license-server` field is optional.

and the account is define in `auth.yaml` under `avaproxy` section

```
avaproxy:
  user: admin
```

## Test Result

The AVA result is collected and save into the foler `ava` under current active `result` folder. The merged results for client/server is a XML file as `ava/result/merged/results.xml`.

Some predefined stylesheets are provided under `tools/xslt` folder and could be use to reformat this result like belows samples:

Common.Convert XML	\${RENAT_PATH}/tools/xslt/merged2html.xls	\${CURDIR}/\${RESULT_FOLDER}/ava/merged/results.xml	\${CURDIR}/\${RESULT_FOLDER}/ava_merged.html
Common.Convert XML	\${RENAT_PATH}/tools/xslt/merged2csv.xls	\${CURDIR}/\${RESULT_FOLDER}/ava/merged/results.xml	\${CURDIR}/\${RESULT_FOLDER}/ava_merged.csv

**Note:** AVA proxy server is not a part of Spirent solutions.

## Shortcuts

Close · Get Test Result · Load Config · Start Test

## Keywords

Keyword	Arguments	Documentation
Close	<i>self</i>	Disconnect to the remote server
Get Test Result	<i>self</i> , <i>name=ava</i>	Get test result folder The results will be saved under <i>current result</i> folder with the name <i>name</i>
Load Config	<i>self</i> , <i>config_name=</i>	Loads the SPF config file
Start Test	<i>self</i> , <i>trial=0</i> , <i>timeout=5m</i>	Starts the test and wait until it finishes or timeout

Altogether 4 keywords.

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