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 resuls 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 · **G**et Test Result · **L**oad Config · **S**tart Test

Keywords

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

Altogether 4 keywords.
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