Router

Library version:RENAT 0.1.10Library scope:test suiteNamed arguments:supported

Introduction

A class provides keywords for router control. An instance of Router class automatically assigned methods of a VChannel class (**Note**: this is not an inheritance but rather 1-to-1 relation)

See VChannel for more details about VChannel.

Device's type is defined in master device.yaml. The system will load appropriate modules for each device.

Details about keywords provided by modules could be found in document of each module likes:

- Juniper module
- Cisco module
- GR module

Keywords provides by above module could be executed through Xrun keyword or directly called from Router. Examples:

Router. Switch	vmx12
Router. Xrun	Load Config
Router.Load Config	

Shortcuts

Follow Mib · Xrun

Keywords

Keyword	Arguments	Documentation
Follow Mib	node_list, wait_time=10s, interval_time=5s, len=12, percentile=80, threshold=75, max_len=300, factor=1	Waits until all the nodes defined in node_list become stable.
		Stableness is checked by SNMP polling result. The MIB list is define by mib in node section Parameter:
		 wait_time(1): the time before the evaluation starting interval_time(2): interval between SNMP polling time threshold: below this value is evaluated as stable len(3): the size of the evaluation window (number of values that are used in each valuation) percentile: real useful percentage of data (ignore top 100-percentile percent) max_len(4): maximum waiting lend for this checking time sequence:(1) -(2)- c(3)> poll poll c(4)>
Xrun		Runs the vendor independent keywords. Parametes:
		 cmd: a keyword args: other argumemts
		Examples:
		Router. Xrun Flap Interface ge-0/0/0
		This keyword will then actually calling the correspond keyword for the device type.

Altogether 2 keywords.

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