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Abstract

This manual will help you to use TelnetValidation application.

Telnet VALIDATION

TELNET VALIDATION APPLICATION

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# Document version

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# Summary:

This application tests the ez-edge telnet interface. It sends commands read from a text file to the NE and verifies its response.

For each sent command, the application create an item in a log file, composed of command sent, expected value, received value, and test result. Log files will be stored at “[loggerPath](#loggerPath):”

# Before running the application

Telnet Client is not installed by default on Windows 7 and further versions, please enable it if you are running this application on windows. [Install Telnet Client](https://technet.microsoft.com/en-us/library/cc771275(v=ws.10).aspx)

Before running the application, modify all necessary parameters in the “variables.yaml” file.

####\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* variables.yaml \*\*\*\*\*\*\*\*\*\*\*\*\*

host: '192.168.3.115' # ez-edge IP address

port: '5555' # ez-edge telnet port

user: 'admin' # ez-edge telnet user

password: 'ez-edge#1' # ez-edge telnet pass

scriptPath: '' # if your script is not located at application folder

loggerInput : 'commandlist.txt' # if “testMode : 'logger'” application will use this

# file to send commands to ez-edge

commandRef: 'commandtest\_1.yaml' # if “testMode : 'command'” application will use this

# file to send commands to ez-edge

loggerPath: 'c:\\logs\\telnet\_logs\\' # destination folder for log files

testMode : 'command' # to do the test

#testMode : 'login' # to run pre-defined different login tests

#testMode : 'logger' # for each script we need reference, this mode

# will provide the reference and should be verified

# manually

####\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* variables.yaml \*\*\*\*\*\*\*\*\*\*\*\*\*

# Prepare test script (series of commands to be tested):

## [commandRef](#commandRef)

To start a test, the application needs a file as reference, this file is called “[commandRef](#commandRef)” and should be addressed in variables.yaml file.

The “[commandRef](#commandRef)” file contains a list of commands and their expected result. For example, to test these commands: (menulock syslayer on; showalm; showalm all)

The application needs a reference file “[commandRef](#commandRef)” that should contain these items:

#####\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'commandtest\_1.yaml'\*\*\*\*\*\*\*\*\*\*\*\*\*

menulock syslayer on: "\r\n\r[CLI Telnet]$ "

showalm: "\r\nFormat: showalm all | syst\r\n\r\n all:\tshow all the alarms in the\

\ system\r\n syst : show only the alarms at the syslayer level\r\n-----------------------------------------------------------------------\r\

\n\r\nCmd Success.\r\n\r[CLI Telnet]$ "

showalm all: "---------------------------------------------------------------------------------------\r\

\nName Condition Severity SA/NSA\r\n\

---------------------------------------------------------------------------------------\r\

\n\r\nCmd Success.\r\n\r[CLI Telnet]$ "

#######\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## How to prepare [commandRef](#commandRef):

You can create or modify the file manually, or use the application to create it automatically.

To create “[commandRef](#commandRef)” automatically, run the application in “[logger](#loggerMode)” mode:

1. In the “variables.yaml” file, find *testMode* and give it the value “[logger](#loggerMode)”
2. List your test commands in a text file and modify “[scriptPath](#scriptPath)” and “[loggerInput](#loggerInput)” to path and name of your text file.
3. Run TelnetValidation.exe

# Run tests:

After you [prepare your commandRef](#_How_to_prepare) in “variables.yaml” modify [testMode](#testModecommand) to “command” then modify “[scriptPath](#scriptPath)” and “[commandRef](#commandRef)” to path and name for your commandRef files.

Run TelnetValidation.exe and check your log files in “[loggerPath](#loggerPath)” folder. Results will be clearly identified