

+ KEYWORD	s100_keywords. Satellite State Reboot	00:00:46.037
+ KEYWORD	CubeSatAutomation. Send Command cmp route_set 1 1000 8 1 KISS	00:00:08.011
+ KEYWORD	CubeSatAutomation. Send Command ftp server 1	00:00:08.010
+ KEYWORD	BuiltIn. Run Keyword And Ignore Error Send Command, ftp rm /flash/m1_debug.bin	00:00:08.014
+ KEYWORD	BuiltIn. Sleep 5	00:00:05.001
+ KEYWORD	CubeSatAutomation. Send Command ftp upload_file m1_debug1.dat /flash/m1_debug.bin	00:00:10.013
+ KEYWORD	CubeSatAutomation. Wait Until Reply Contains 100.0%, 45	00:00:27.036
+ KEYWORD	CubeSatAutomation. Send Command rparam download 1 0	00:00:09.015
+ KEYWORD	CubeSatAutomation. Set Satellite Parameter Nanomind, swload_image, \"/flash/m1_debug.bin\"	00:00:08.013
+ KEYWORD	CubeSatAutomation. Set Satellite Parameter Nanomind, swload_count, 3	00:00:08.013
+ KEYWORD	CubeSatAutomation. Send Satellite Parameters	00:00:08.011
- KEYWORD	CubeSatAutomation. Send Command reboot 1	00:00:13.019

Start / End / Elapsed: 20171128 16:17:32.421 / 20171128 16:17:45.440 / 00:00:13.019

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16:17:45.439 INFO Sending message reboot 1
gosh:SOCKET: Received 9 bytes:reboot 1
[0;32m3120355250.000 reset: On-chip debug system[0m
[0;32m3120355250.052 can: can_init: bit_rate: 1000000 osc: 16000000 phs1:1 phs2:1
pres:1 prs:2 sjw:1 sm:0[0m
[0;32m3120355250.057 default: Route load 1/5 LOOP, 0/0 CAN 5, 8/5 KISS, 0/2 I2C[0m
Welcome to nanomind...
[0;32m3120355250.0[1;32mnanomind[1;30m # [0m[0m82 default: Trying to boot from
/flash/m1_debug.bin, 3 times left[0m
[0;32m3120355250.089 default: Waiting for fs mount[0m
gosh:[0;33m3120355256.116 f1512s-uffs: block 39 page 0 is marked bad![0m
READ_CONSOLE_REPLY LINES

['SOCKET: Received 9 bytes:reboot 1\r\n\x1b3120355250.000 reset: On-chip debug
system\x1b\r\n\x1b3120355250.052 can: can_init: bit_rate: 1000000 osc: 16000000
phs1:1 phs2:1 pres:1 prs:2 sjw:1 sm:0\x1b\r\n\x1b3120355250.057 default: Route
load 1/5 LOOP, 0/0 CAN 5, 8/5 KISS, 0/2 I2C\x1b\r\nWelcome to
nanomind...\r\n\x1b3120355250.0\x1b;nanomind\x1b; # \x1b\x1b82 default: Trying to
boot from /flash/m1_debug.bin, 3 times left\x1b\r\n\x1b3120355250.089 default:
Waiting for fs mount\x1b\r\nWaiting for more data from
process..\n\x1b33m3120355256.116 f1512s-uffs: block 39 page 0 is marked
bad!\x1b\r\nWaiting for more data from process..\nProcess data read timeout!\n']
Console lines
['['SOCKET: Received 9 bytes:reboot 1\\r", '\\x1b3120355250.000 reset: On-chip
debug system\\x1b\\r\\r', '\\x1b3120355250.052 can: can_init: bit_rate: 1000000
osc: 16000000 phs1:1 phs2:1 pres:1 prs:2 sjw:1 sm:0\\x1b\\r\\r',
'\\x1b3120355250.057 default: Route load 1/5 LOOP, 0/0 CAN 5, 8/5 KISS, 0/2
I2C\\x1b\\r\\r', 'Welcome to nanomind...\\r\\r',
'\\x1b3120355250.0\\x1b;nanomind\\x1b; # \\x1b\\x1b82 default: Trying to boot from
/flash/m1_debug.bin, 3 times left\\x1b\\r\\r', '\\x1b3120355250.089 default:
Waiting for fs mount\\x1b\\r\\r', 'Waiting for more data from process..',
'\\x1b33m3120355256.116 f1512s-uffs: block 39 page 0 is marked bad!\\x1b\\r\\r',
'Waiting for more data from process..', 'Process data read timeout!', ''']]
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+ KEYWORD	CubeSatAutomation. Wait Until Reply Contains Booting image in 10 seconds, 45, 30	00:00:17.025
- KEYWORD	CubeSatAutomation. Verify Reply Message EXCEPTION	00:00:26.036

Documentation: Read messages from the process stdout and verify if the desired text exists.

Start / End / Elapsed: 20171128 16:18:02.467 / 20171128 16:18:28.503 / 00:00:26.036

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16:18:28.502 INFO gosh:[0;34m3120355287.505 default: Jumping to address 0xd0000000[0m
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!!! EXCEPTION 13 !!!
Addr align exception at address 0x00000000
pc: ffffffff lr: 8001f17a sp: d010b808 r12: 00000000
r11: 0000000a r10: 00000001 r9: 00000002 r8: 00000000
r7: 00000224 r6: d0107ed8 r5: d0000000 r4: 00000000
r3: 000008f2 r2: 00030d73 r1: 00006b73 r0: ff0000ff
Flags: QVNZC
Mode bits: HRJE3210G
CPU Mode: NMI
```