Test Report

October 09, 2020 07:39:57PM

# 1. Test Results Summary

## 1.1 Summary Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored | Total Duration |
| 248 | 224 | 20 | 4 | 0 | 51.078601121902466 |

## 1.2 Summary Totals for Devices Under Tests

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DUT | Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored |
| kg-topology-CloudEosRR1 | 62 | 56 | 5 | 1 | 0 |
| kg-topology-CloudEosRR2 | 62 | 56 | 5 | 1 | 0 |
| kg-topology-CloudEOSEdge1 | 62 | 56 | 5 | 1 | 0 |
| kg-topology-CloudEOSEdge2 | 62 | 56 | 5 | 1 | 0 |

## 1.3 Summary Totals for Test Suites

|  |  |  |  |
| --- | --- | --- | --- |
| Test Suite | Total Tests | Total Passed | Total Failed |
| Cpu | 12 | 12 | 0 |
| Dns | 12 | 8 | 4 |
| Ztp | 8 | 8 | 0 |
| Daemon | 8 | 8 | 0 |
| System | 8 | 4 | 4 |
| Extension | 8 | 8 | 0 |
| Environment | 20 | 20 | 0 |
| Filesystem | 4 | 4 | 0 |
| Host | 4 | 4 | 0 |
| Interface | 32 | 28 | 4 |
| Lldp | 20 | 16 | 4 |
| Logging | 4 | 4 | 0 |
| Api | 20 | 20 | 0 |
| Ntp | 20 | 16 | 4 |
| Users | 4 | 4 | 0 |
| Memory | 4 | 4 | 0 |

# 2. Test Case Results Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Id | Test Suite | Test Case | DUT | Result | Failure Reason |
| 1 | Cpu | Test 1 min cpu utlization | kg-topology-CloudEOSEdge1 | PASS |  |
| 2 | Cpu | Test 1 min cpu utlization | kg-topology-CloudEOSEdge2 | PASS |  |
| 3 | Cpu | Test 1 min cpu utlization | kg-topology-CloudEosRR1 | PASS |  |
| 4 | Cpu | Test 1 min cpu utlization | kg-topology-CloudEosRR2 | PASS |  |
| 5 | Cpu | Test 1 sec cpu utlization | kg-topology-CloudEOSEdge1 | PASS |  |
| 6 | Cpu | Test 1 sec cpu utlization | kg-topology-CloudEOSEdge2 | PASS |  |
| 7 | Cpu | Test 1 sec cpu utlization | kg-topology-CloudEosRR1 | PASS |  |
| 8 | Cpu | Test 1 sec cpu utlization | kg-topology-CloudEosRR2 | PASS |  |
| 9 | Cpu | Test 5 min cpu utlization | kg-topology-CloudEOSEdge1 | PASS |  |
| 10 | Cpu | Test 5 min cpu utlization | kg-topology-CloudEOSEdge2 | PASS |  |
| 11 | Cpu | Test 5 min cpu utlization | kg-topology-CloudEosRR1 | PASS |  |
| 12 | Cpu | Test 5 min cpu utlization | kg-topology-CloudEosRR2 | PASS |  |
| 13 | Dns | Test dns configuration | kg-topology-CloudEOSEdge1 | PASS |  |
| 14 | Dns | Test dns configuration | kg-topology-CloudEOSEdge2 | PASS |  |
| 15 | Dns | Test dns configuration | kg-topology-CloudEosRR1 | PASS |  |
| 16 | Dns | Test dns configuration | kg-topology-CloudEosRR2 | PASS |  |
| 17 | Dns | Test if dns resolves | kg-topology-CloudEOSEdge1 | PASS |  |
| 18 | Dns | Test if dns resolves | kg-topology-CloudEOSEdge2 | PASS |  |
| 19 | Dns | Test if dns resolves | kg-topology-CloudEosRR1 | PASS |  |
| 20 | Dns | Test if dns resolves | kg-topology-CloudEosRR2 | PASS |  |
| 21 | Dns | Test if dns servers are reachable | kg-topology-CloudEOSEdge1 | FAIL | On router |kg-topology-CloudEOSEdge1|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| 22 | Dns | Test if dns servers are reachable | kg-topology-CloudEOSEdge2 | FAIL | On router |kg-topology-CloudEOSEdge2|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| 23 | Dns | Test if dns servers are reachable | kg-topology-CloudEosRR1 | FAIL | On router |kg-topology-CloudEosRR1|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| 24 | Dns | Test if dns servers are reachable | kg-topology-CloudEosRR2 | FAIL | On router |kg-topology-CloudEosRR2|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| 25 | Ztp | Test for zerotouch config file | kg-topology-CloudEOSEdge1 | PASS |  |
| 26 | Ztp | Test for zerotouch config file | kg-topology-CloudEOSEdge2 | PASS |  |
| 27 | Ztp | Test for zerotouch config file | kg-topology-CloudEosRR1 | PASS |  |
| 28 | Ztp | Test for zerotouch config file | kg-topology-CloudEosRR2 | PASS |  |
| 29 | Ztp | Test if zerotouch is disabled | kg-topology-CloudEOSEdge1 | PASS |  |
| 30 | Ztp | Test if zerotouch is disabled | kg-topology-CloudEOSEdge2 | PASS |  |
| 31 | Ztp | Test if zerotouch is disabled | kg-topology-CloudEosRR1 | PASS |  |
| 32 | Ztp | Test if zerotouch is disabled | kg-topology-CloudEosRR2 | PASS |  |
| 33 | Daemon | Test if daemons are enabled | kg-topology-CloudEOSEdge1 | PASS |  |
| 34 | Daemon | Test if daemons are enabled | kg-topology-CloudEOSEdge2 | PASS |  |
| 35 | Daemon | Test if daemons are enabled | kg-topology-CloudEosRR1 | PASS |  |
| 36 | Daemon | Test if daemons are enabled | kg-topology-CloudEosRR2 | PASS |  |
| 37 | Daemon | Test if daemons are running | kg-topology-CloudEOSEdge1 | PASS |  |
| 38 | Daemon | Test if daemons are running | kg-topology-CloudEOSEdge2 | PASS |  |
| 39 | Daemon | Test if daemons are running | kg-topology-CloudEosRR1 | PASS |  |
| 40 | Daemon | Test if daemons are running | kg-topology-CloudEosRR2 | PASS |  |
| 41 | System | Test if eos version is correct | kg-topology-CloudEOSEdge1 | FAIL | On router |kg-topology-CloudEOSEdge1| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| 42 | System | Test if eos version is correct | kg-topology-CloudEOSEdge2 | FAIL | On router |kg-topology-CloudEOSEdge2| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| 43 | System | Test if eos version is correct | kg-topology-CloudEosRR1 | FAIL | On router |kg-topology-CloudEosRR1| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| 44 | System | Test if eos version is correct | kg-topology-CloudEosRR2 | FAIL | On router |kg-topology-CloudEosRR2| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| 45 | System | Test if there is agents have crashed | kg-topology-CloudEOSEdge1 | PASS |  |
| 46 | System | Test if there is agents have crashed | kg-topology-CloudEOSEdge2 | PASS |  |
| 47 | System | Test if there is agents have crashed | kg-topology-CloudEosRR1 | PASS |  |
| 48 | System | Test if there is agents have crashed | kg-topology-CloudEosRR2 | PASS |  |
| 49 | Extension | Test if extensions are erroring | kg-topology-CloudEOSEdge1 | PASS |  |
| 50 | Extension | Test if extensions are erroring | kg-topology-CloudEOSEdge2 | PASS |  |
| 51 | Extension | Test if extensions are erroring | kg-topology-CloudEosRR1 | PASS |  |
| 52 | Extension | Test if extensions are erroring | kg-topology-CloudEosRR2 | PASS |  |
| 53 | Extension | Test if extensions are installed | kg-topology-CloudEOSEdge1 | PASS |  |
| 54 | Extension | Test if extensions are installed | kg-topology-CloudEOSEdge2 | PASS |  |
| 55 | Extension | Test if extensions are installed | kg-topology-CloudEosRR1 | PASS |  |
| 56 | Extension | Test if extensions are installed | kg-topology-CloudEosRR2 | PASS |  |
| 57 | Environment | Test if fan status is in spec | kg-topology-CloudEOSEdge1 | PASS |  |
| 58 | Environment | Test if fan status is in spec | kg-topology-CloudEOSEdge2 | PASS |  |
| 59 | Environment | Test if fan status is in spec | kg-topology-CloudEosRR1 | PASS |  |
| 60 | Environment | Test if fan status is in spec | kg-topology-CloudEosRR2 | PASS |  |
| 61 | Environment | Test if sensors temp is in spec | kg-topology-CloudEOSEdge1 | PASS |  |
| 62 | Environment | Test if sensors temp is in spec | kg-topology-CloudEOSEdge2 | PASS |  |
| 63 | Environment | Test if sensors temp is in spec | kg-topology-CloudEosRR1 | PASS |  |
| 64 | Environment | Test if sensors temp is in spec | kg-topology-CloudEosRR2 | PASS |  |
| 65 | Environment | Test if system environment cooling is in spec | kg-topology-CloudEOSEdge1 | PASS |  |
| 66 | Environment | Test if system environment cooling is in spec | kg-topology-CloudEOSEdge2 | PASS |  |
| 67 | Environment | Test if system environment cooling is in spec | kg-topology-CloudEosRR1 | PASS |  |
| 68 | Environment | Test if system environment cooling is in spec | kg-topology-CloudEosRR2 | PASS |  |
| 69 | Environment | Test if system environment power are in spec | kg-topology-CloudEOSEdge1 | PASS |  |
| 70 | Environment | Test if system environment power are in spec | kg-topology-CloudEOSEdge2 | PASS |  |
| 71 | Environment | Test if system environment power are in spec | kg-topology-CloudEosRR1 | PASS |  |
| 72 | Environment | Test if system environment power are in spec | kg-topology-CloudEosRR2 | PASS |  |
| 73 | Environment | Test if system environment temp is in spec | kg-topology-CloudEOSEdge1 | PASS |  |
| 74 | Environment | Test if system environment temp is in spec | kg-topology-CloudEOSEdge2 | PASS |  |
| 75 | Environment | Test if system environment temp is in spec | kg-topology-CloudEosRR1 | PASS |  |
| 76 | Environment | Test if system environment temp is in spec | kg-topology-CloudEosRR2 | PASS |  |
| 77 | Filesystem | Test if files | kg-topology-CloudEOSEdge1 | PASS |  |
| 78 | Filesystem | Test if files | kg-topology-CloudEOSEdge2 | PASS |  |
| 79 | Filesystem | Test if files | kg-topology-CloudEosRR1 | PASS |  |
| 80 | Filesystem | Test if files | kg-topology-CloudEosRR2 | PASS |  |
| 81 | Host | Test if hostname is correcet | kg-topology-CloudEOSEdge1 | PASS |  |
| 82 | Host | Test if hostname is correcet | kg-topology-CloudEOSEdge2 | PASS |  |
| 83 | Host | Test if hostname is correcet | kg-topology-CloudEosRR1 | PASS |  |
| 84 | Host | Test if hostname is correcet | kg-topology-CloudEosRR2 | PASS |  |
| 85 | Interface | Test if interface errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 86 | Interface | Test if interface errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 87 | Interface | Test if interface errors | kg-topology-CloudEosRR1 | PASS |  |
| 88 | Interface | Test if interface errors | kg-topology-CloudEosRR2 | PASS |  |
| 89 | Interface | Test if interface in counters are discarding | kg-topology-CloudEOSEdge1 | PASS |  |
| 90 | Interface | Test if interface in counters are discarding | kg-topology-CloudEOSEdge2 | PASS |  |
| 91 | Interface | Test if interface in counters are discarding | kg-topology-CloudEosRR1 | PASS |  |
| 92 | Interface | Test if interface in counters are discarding | kg-topology-CloudEosRR2 | PASS |  |
| 93 | Interface | Test if interface link status is connected | kg-topology-CloudEOSEdge1 | PASS |  |
| 94 | Interface | Test if interface link status is connected | kg-topology-CloudEOSEdge2 | PASS |  |
| 95 | Interface | Test if interface link status is connected | kg-topology-CloudEosRR1 | PASS |  |
| 96 | Interface | Test if interface link status is connected | kg-topology-CloudEosRR2 | PASS |  |
| 97 | Interface | Test if interface mtu is correct | kg-topology-CloudEOSEdge1 | FAIL | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|.  On interface |Ethernet2|: interface MTU is |9000|, correct MTU is |10178|. |
| 98 | Interface | Test if interface mtu is correct | kg-topology-CloudEOSEdge2 | FAIL | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|.  On interface |Ethernet2|: interface MTU is |9000|, correct MTU is |10178|. |
| 99 | Interface | Test if interface mtu is correct | kg-topology-CloudEosRR1 | FAIL | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|. |
| 100 | Interface | Test if interface mtu is correct | kg-topology-CloudEosRR2 | FAIL | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|. |
| 101 | Interface | Test if interface out counters are discarding | kg-topology-CloudEOSEdge1 | PASS |  |
| 102 | Interface | Test if interface out counters are discarding | kg-topology-CloudEOSEdge2 | PASS |  |
| 103 | Interface | Test if interface out counters are discarding | kg-topology-CloudEosRR1 | PASS |  |
| 104 | Interface | Test if interface out counters are discarding | kg-topology-CloudEosRR2 | PASS |  |
| 105 | Interface | Test if interface phy status connected | kg-topology-CloudEOSEdge1 | PASS |  |
| 106 | Interface | Test if interface phy status connected | kg-topology-CloudEOSEdge2 | PASS |  |
| 107 | Interface | Test if interface phy status connected | kg-topology-CloudEosRR1 | PASS |  |
| 108 | Interface | Test if interface phy status connected | kg-topology-CloudEosRR2 | PASS |  |
| 109 | Interface | Test if interface protocol status is connected | kg-topology-CloudEOSEdge1 | PASS |  |
| 110 | Interface | Test if interface protocol status is connected | kg-topology-CloudEOSEdge2 | PASS |  |
| 111 | Interface | Test if interface protocol status is connected | kg-topology-CloudEosRR1 | PASS |  |
| 112 | Interface | Test if interface protocol status is connected | kg-topology-CloudEosRR2 | PASS |  |
| 113 | Interface | Test interface utilization | kg-topology-CloudEOSEdge1 | PASS |  |
| 114 | Interface | Test interface utilization | kg-topology-CloudEOSEdge2 | PASS |  |
| 115 | Interface | Test interface utilization | kg-topology-CloudEosRR1 | PASS |  |
| 116 | Interface | Test interface utilization | kg-topology-CloudEosRR2 | PASS |  |
| 117 | Lldp | Test if lldp interface id is correct | kg-topology-CloudEOSEdge1 | PASS |  |
| 118 | Lldp | Test if lldp interface id is correct | kg-topology-CloudEOSEdge2 | PASS |  |
| 119 | Lldp | Test if lldp interface id is correct | kg-topology-CloudEosRR1 | PASS |  |
| 120 | Lldp | Test if lldp interface id is correct | kg-topology-CloudEosRR2 | PASS |  |
| 121 | Lldp | Test if lldp max frame size is correct | kg-topology-CloudEOSEdge1 | FAIL | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|.  On interface |Ethernet2|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| 122 | Lldp | Test if lldp max frame size is correct | kg-topology-CloudEOSEdge2 | FAIL | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|.  On interface |Ethernet2|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| 123 | Lldp | Test if lldp max frame size is correct | kg-topology-CloudEosRR1 | FAIL | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| 124 | Lldp | Test if lldp max frame size is correct | kg-topology-CloudEosRR2 | FAIL | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| 125 | Lldp | Test if lldp rx is enabled | kg-topology-CloudEOSEdge1 | PASS |  |
| 126 | Lldp | Test if lldp rx is enabled | kg-topology-CloudEOSEdge2 | PASS |  |
| 127 | Lldp | Test if lldp rx is enabled | kg-topology-CloudEosRR1 | PASS |  |
| 128 | Lldp | Test if lldp rx is enabled | kg-topology-CloudEosRR2 | PASS |  |
| 129 | Lldp | Test if lldp system name is correct | kg-topology-CloudEOSEdge1 | PASS |  |
| 130 | Lldp | Test if lldp system name is correct | kg-topology-CloudEOSEdge2 | PASS |  |
| 131 | Lldp | Test if lldp system name is correct | kg-topology-CloudEosRR1 | PASS |  |
| 132 | Lldp | Test if lldp system name is correct | kg-topology-CloudEosRR2 | PASS |  |
| 133 | Lldp | Test if lldp tx is enabled | kg-topology-CloudEOSEdge1 | PASS |  |
| 134 | Lldp | Test if lldp tx is enabled | kg-topology-CloudEOSEdge2 | PASS |  |
| 135 | Lldp | Test if lldp tx is enabled | kg-topology-CloudEosRR1 | PASS |  |
| 136 | Lldp | Test if lldp tx is enabled | kg-topology-CloudEosRR2 | PASS |  |
| 137 | Logging | Test if log messages appear | kg-topology-CloudEOSEdge1 | PASS |  |
| 138 | Logging | Test if log messages appear | kg-topology-CloudEOSEdge2 | PASS |  |
| 139 | Logging | Test if log messages appear | kg-topology-CloudEosRR1 | PASS |  |
| 140 | Logging | Test if log messages appear | kg-topology-CloudEosRR2 | PASS |  |
| 141 | Api | Test if management http api server is running | kg-topology-CloudEOSEdge1 | PASS |  |
| 142 | Api | Test if management http api server is running | kg-topology-CloudEOSEdge2 | PASS |  |
| 143 | Api | Test if management http api server is running | kg-topology-CloudEosRR1 | PASS |  |
| 144 | Api | Test if management http api server is running | kg-topology-CloudEosRR2 | PASS |  |
| 145 | Api | Test if management https api server is enabled | kg-topology-CloudEOSEdge1 | PASS |  |
| 146 | Api | Test if management https api server is enabled | kg-topology-CloudEOSEdge2 | PASS |  |
| 147 | Api | Test if management https api server is enabled | kg-topology-CloudEosRR1 | PASS |  |
| 148 | Api | Test if management https api server is enabled | kg-topology-CloudEosRR2 | PASS |  |
| 149 | Api | Test if management https api server is running | kg-topology-CloudEOSEdge1 | PASS |  |
| 150 | Api | Test if management https api server is running | kg-topology-CloudEOSEdge2 | PASS |  |
| 151 | Api | Test if management https api server is running | kg-topology-CloudEosRR1 | PASS |  |
| 152 | Api | Test if management https api server is running | kg-topology-CloudEosRR2 | PASS |  |
| 153 | Api | Test if management https api server port is correct | kg-topology-CloudEOSEdge1 | PASS |  |
| 154 | Api | Test if management https api server port is correct | kg-topology-CloudEOSEdge2 | PASS |  |
| 155 | Api | Test if management https api server port is correct | kg-topology-CloudEosRR1 | PASS |  |
| 156 | Api | Test if management https api server port is correct | kg-topology-CloudEosRR2 | PASS |  |
| 157 | Api | Test if management local http api server is running | kg-topology-CloudEOSEdge1 | PASS |  |
| 158 | Api | Test if management local http api server is running | kg-topology-CloudEOSEdge2 | PASS |  |
| 159 | Api | Test if management local http api server is running | kg-topology-CloudEosRR1 | PASS |  |
| 160 | Api | Test if management local http api server is running | kg-topology-CloudEosRR2 | PASS |  |
| 161 | Ntp | Test if ntp associated with peers | kg-topology-CloudEOSEdge1 | PASS |  |
| 162 | Ntp | Test if ntp associated with peers | kg-topology-CloudEOSEdge2 | PASS |  |
| 163 | Ntp | Test if ntp associated with peers | kg-topology-CloudEosRR1 | PASS |  |
| 164 | Ntp | Test if ntp associated with peers | kg-topology-CloudEosRR2 | PASS |  |
| 165 | Ntp | Test if ntp is synchronized | kg-topology-CloudEOSEdge1 | PASS |  |
| 166 | Ntp | Test if ntp is synchronized | kg-topology-CloudEOSEdge2 | PASS |  |
| 167 | Ntp | Test if ntp is synchronized | kg-topology-CloudEosRR1 | PASS |  |
| 168 | Ntp | Test if ntp is synchronized | kg-topology-CloudEosRR2 | PASS |  |
| 169 | Ntp | Test if ntp servers are reachable | kg-topology-CloudEOSEdge1 | FAIL | On router |kg-topology-CloudEOSEdge1|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| 170 | Ntp | Test if ntp servers are reachable | kg-topology-CloudEOSEdge2 | FAIL | On router |kg-topology-CloudEOSEdge2|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| 171 | Ntp | Test if ntp servers are reachable | kg-topology-CloudEosRR1 | FAIL | On router |kg-topology-CloudEosRR1|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| 172 | Ntp | Test if ntp servers are reachable | kg-topology-CloudEosRR2 | FAIL | On router |kg-topology-CloudEosRR2|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| 173 | Ntp | Test if process is running | kg-topology-CloudEOSEdge1 | PASS |  |
| 174 | Ntp | Test if process is running | kg-topology-CloudEOSEdge2 | PASS |  |
| 175 | Ntp | Test if process is running | kg-topology-CloudEosRR1 | PASS |  |
| 176 | Ntp | Test if process is running | kg-topology-CloudEosRR2 | PASS |  |
| 177 | Ntp | Test ntp configuration | kg-topology-CloudEOSEdge1 | PASS |  |
| 178 | Ntp | Test ntp configuration | kg-topology-CloudEOSEdge2 | PASS |  |
| 179 | Ntp | Test ntp configuration | kg-topology-CloudEosRR1 | PASS |  |
| 180 | Ntp | Test ntp configuration | kg-topology-CloudEosRR2 | PASS |  |
| 181 | Users | Test if usernames are configured | kg-topology-CloudEOSEdge1 | PASS |  |
| 182 | Users | Test if usernames are configured | kg-topology-CloudEOSEdge2 | PASS |  |
| 183 | Users | Test if usernames are configured | kg-topology-CloudEosRR1 | PASS |  |
| 184 | Users | Test if usernames are configured | kg-topology-CloudEosRR2 | PASS |  |
| 185 | Memory | Test memory utilization | kg-topology-CloudEOSEdge1 | PASS |  |
| 186 | Memory | Test memory utilization | kg-topology-CloudEOSEdge2 | PASS |  |
| 187 | Memory | Test memory utilization | kg-topology-CloudEosRR1 | PASS |  |
| 188 | Memory | Test memory utilization | kg-topology-CloudEosRR2 | PASS |  |

# 3. Detailed Test Suite Results: Cpu

## 3.1 Test Case: Test 1 min cpu utlization

### 3.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 1 |
| Name | test\_1\_min\_cpu\_utlization\_on\_ |
| Description | Verify 1 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.17 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 minute CPU utilization is less than specified value on |kg-topology-CloudEOSEdge1|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.17|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.11, 1.17, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1954 102 3.6 ? Sl 16:10:33 03:33:24 Sfe  1737 0.4 2.0 ? Sl 16:10:25 00:01:01 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.14.101 -taillogs -grpcaddr=0.0.0.0:6042  1520 0.3 6.9 ? Sl 16:10:03 00:00:42 ConfigAgent  1244 0.1 0.9 ? S 16:09:46 00:00:22 ProcMgr-worker  1477 0.1 2.5 ? S 16:10:00 00:00:15 Sysdb  2887 0.1 0.6 ? SNl 16:11:08 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  3521 0.1 1.3 ? S 16:13:28 00:00:22 Fhrp  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  412 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  505 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  746 0.0 0.1 ? Ss 16:09:31 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  752 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  757 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  767 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  768 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/bin/ProcMonitor  793 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  807 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  812 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  983 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1002 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1019 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1035 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1037 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1066 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1190 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1191 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1223 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1227 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1229 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1243 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1416 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1424 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1439 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1476 0.0 0.0 ? S 16:10:00 00:00:00 /usr/bin/SlabMonitor  1519 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1522 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1523 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1725 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=Lldp --demuxerOpts=271521201210,271520936063,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1726 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=271553536409,271553339388,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1727 0.0 0.3 ? Ss 16:10:24 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.2 ? S 16:10:24 00:00:02 Lldp  1730 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1731 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1732 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=274902280425,274894065915,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1734 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1750 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1754 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275071374973,274994945700,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1756 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1758 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275586307003,275502389964,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1761 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1762 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1765 0.0 1.7 ? S 16:10:25 00:00:10 SuperServer  1776 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279491456522,275838066821,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1778 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.5 ? S 16:10:26 00:00:01 Ira  1782 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279701475599,279548161921,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1783 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279890031590,279849469825,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1785 0.0 1.2 ? S 16:10:26 00:00:00 LedPolicy  1786 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1788 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=280009470276,279928751393,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1789 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1790 0.0 1.2 ? S 16:10:26 00:00:06 StpTxRx  1791 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=280118876811,280081027107,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1793 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1795 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283590805590,283535014383,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1796 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1797 0.0 1.0 ? S 16:10:27 00:00:12 AgentMonitor  1798 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283744428617,283665622451,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1799 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1800 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1801 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1802 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=283952204546,283952010629,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1804 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:27 00:00:01 StpTopology  1806 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Acl --demuxerOpts=284172859769,284172613971,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1807 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1808 0.0 1.4 ? S 16:10:27 00:00:06 Acl  1809 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Stp --demuxerOpts=284402031123,284371995418,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1810 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1811 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=287852581767,287850967470,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1812 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1814 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1816 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288017511630,288017301475,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1818 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1820 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288224202808,288206982434,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1822 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.2 ? S 16:10:28 00:00:01 LacpTxAgent  1826 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Arp --demuxerOpts=288516871502,288409525692,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1827 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.5 ? S 16:10:28 00:00:01 Arp  1830 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292154469402,288691835445,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1831 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1834 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292391068490,292229931595,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1835 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1836 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1837 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=292653323546,292503125498,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1840 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1841 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=292781932487,292761826016,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1842 0.0 1.1 ? S 16:10:29 00:00:00 Thermostat  1847 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1849 0.0 1.2 ? S 16:10:29 00:00:00 L2Rib  1850 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=293027249168,292979573221,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1852 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1853 0.0 1.2 ? S 16:10:30 00:00:00 TopoAgent  1855 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296601593960,296492906696,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1856 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1858 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=296728233953,296724900486,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1859 0.0 1.1 ? S 16:10:30 00:00:00 PowerFuse  1860 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1863 0.0 1.1 ? S 16:10:30 00:00:00 PowerManager  1864 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ebra --demuxerOpts=296921127640,296920912379,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1865 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1868 0.0 1.4 ? S 16:10:30 00:00:02 Ebra  1869 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=297209443189,297091547491,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1874 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1876 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=297331465944,297308578543,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1883 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1887 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1889 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1892 0.0 1.1 ? S 16:10:31 00:00:00 SharedSecretProfile  1906 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301582768548,301582509040,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1909 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1912 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305064840725,305064581389,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1917 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1920 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305232197713,305231975754,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1922 0.0 1.6 ? S 16:10:32 00:00:05 IpRib  1924 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1926 0.0 1.9 ? S 16:10:32 00:00:02 BgpCliHelper  1928 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=305439070301,305437068667,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1932 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.2 ? S 16:10:32 00:00:01 ConnectedRoute  1935 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305658141411,305618854294,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1937 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1938 0.0 1.3 ? S 16:10:32 00:00:00 RouteInput  1940 0.0 2.3 ? Sl 16:10:32 00:00:05 Bgp  1950 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=309581446345,305926964721,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1953 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2308 0.0 0.0 ? Ssl 16:10:42 00:00:00 /usr/sbin/rsyslogd -n  2467 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=353180209543,353179956273,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2471 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2473 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2664 0.0 0.0 ? S 16:10:46 00:00:00 /usr/bin/conlogd  2665 0.0 0.0 ttyS0 Ss+ 16:10:46 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2666 0.0 0.0 tty1 Ss+ 16:10:46 00:00:00 /sbin/agetty --noclear tty1 linux  2670 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2673 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console  2674 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2699 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2725 0.0 0.0 ? S 16:10:48 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=374234569378,374234336312,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2726 0.0 0.3 ? Ss 16:10:48 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2727 0.0 1.2 ? S 16:10:48 00:00:02 Ipsec  2734 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2760 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2764 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2873 0.0 0.0 ? S 16:11:07 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3353 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Nat --demuxerOpts=1048691633697,1048691229094,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3355 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3357 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1048829900347,1048829438291,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3359 0.0 1.2 ? S 16:13:25 00:00:01 Nat  3361 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3363 0.0 1.3 ? S 16:13:25 00:00:01 Vxlan  3369 0.0 0.0 ? S 16:13:26 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1052390336317,1048894623126,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3377 0.0 0.3 ? Ss 16:13:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3383 0.0 1.3 ? S 16:13:26 00:00:01 VxlanSwFwd  3474 0.0 0.0 ? S 16:13:27 00:00:00 /usr/sbin/dnsmasq  3511 0.0 0.0 ? S 16:13:27 00:00:00 [kworker/u8:3]  3519 0.0 0.0 ? S 16:13:28 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1060861320791,1060861101654,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3520 0.0 0.3 ? Ss 16:13:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3547 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3549 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4884 0.0 0.0 ? S 16:33:07 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6125135729910,6125135441086,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4885 0.0 0.3 ? Ss 16:33:07 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4886 0.0 1.3 ? Sl 16:33:07 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4930 0.0 0.0 ? Ss 16:33:08 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4932 0.0 0.1 ? S 16:33:08 00:00:00 nginx: worker process  16279 0.0 0.0 ? S 19:15:01 00:00:00 [kworker/0:4] 17017 0.0 0.0 ? S 19:27:01 00:00:00 [kworker/0:0] 18021 0.0 0.0 ? S 19:33:01 00:00:00 [kworker/0:1] 18625 0.0 0.0 ? S 19:39:01 00:00:00 [kworker/0:2] 18793 0.0 0.0 ? Rs 19:39:04 00:00:00 /usr/sbin/ntpq -n -c rv 17204 srcadr,srcport,refid,stratum,rec,ppoll,reach,delay,offset,jitter 127.0.0.1 18796 0.0 0.0 ? Rs 19:39:04 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 2 |
| Name | test\_1\_min\_cpu\_utlization\_on\_ |
| Description | Verify 1 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.15 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 minute CPU utilization is less than specified value on |kg-topology-CloudEOSEdge2|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.15|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 2 users, load average: 1.20, 1.15, 1.16  PID %CPU %MEM TT STAT STARTED TIME CMD  2097 101 3.7 ? Sl 16:10:45 03:31:39 Sfe  1738 2.6 1.9 ? Sl 16:10:30 00:05:35 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.15.101 -taillogs -grpcaddr=0.0.0.0:6042  1580 0.5 7.2 ? Sl 16:10:08 00:01:03 ConfigAgent 19707 0.5 0.1 ? Ss 19:38:54 00:00:00 sshd: root [priv]   2791 0.4 0.7 ? SNl 16:11:07 00:00:57 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1503 0.3 2.6 ? S 16:10:06 00:00:46 Sysdb  1232 0.2 0.9 ? S 16:09:51 00:00:30 ProcMgr-worker  1790 0.2 1.0 ? S 16:10:34 00:00:29 AgentMonitor  3570 0.2 1.4 ? S 16:13:44 00:00:27 Fhrp  1767 0.1 1.7 ? S 16:10:32 00:00:18 SuperServer  1782 0.1 1.2 ? S 16:10:33 00:00:13 StpTxRx  1808 0.1 1.4 ? S 16:10:35 00:00:13 Acl  2064 0.1 2.3 ? Sl 16:10:44 00:00:14 Bgp  1 0.0 0.0 ? Ss 16:09:25 00:00:02 /sbin/init  2 0.0 0.0 ? S 16:09:25 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:25 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:25 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:25 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:25 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:25 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:25 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:25 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:25 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:25 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:25 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:25 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:25 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:25 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:25 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:25 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:25 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:25 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:25 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:25 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:25 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:25 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:25 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:25 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:25 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:25 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:25 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:25 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:25 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:25 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:25 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:25 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:32 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/sbin/lvmetad -f  498 0.0 0.0 ? S< 16:09:35 00:00:00 [ena]  710 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/1:1]  749 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-logind  750 0.0 0.1 ? Ss 16:09:35 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  762 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  764 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  784 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/crond -n  806 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  811 0.0 0.0 ? S<s 16:09:36 00:00:00 /usr/bin/wdogdev -t 60  982 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  994 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  995 0.0 0.0 pts/1 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1005 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1006 0.0 0.0 pts/2 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1063 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1178 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1179 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1213 0.0 0.0 ? S 16:09:45 00:00:00 inotifywait -e modify /var/lib/rpm  1215 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1217 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1231 0.0 0.9 ? S 16:09:51 00:00:00 ProcMgr-master  1442 0.0 0.0 ? S 16:10:05 00:00:02 /usr/bin/EosOomAdjust  1450 0.0 0.0 ? S 16:10:05 00:00:00 [rbfd\_vrf\_cleanu]  1465 0.0 0.0 ? Ss 16:10:05 00:00:00 /usr/sbin/acpid  1502 0.0 0.0 ? S 16:10:06 00:00:00 /usr/bin/SlabMonitor  1579 0.0 1.2 ? S 16:10:08 00:00:01 StageMgr  1583 0.0 1.5 ? S 16:10:09 00:00:05 Fru  1585 0.0 1.9 ? S 16:10:10 00:00:02 Launcher  1714 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Lldp --demuxerOpts=279470554453,279470047684,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1716 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1718 0.0 1.3 ? S 16:10:30 00:00:07 Lldp  1721 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=279587219839,279517120427,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1723 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 1.2 ? S 16:10:30 00:00:05 McastCommon  1728 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PortSec --demuxerOpts=279751903339,279634065737,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1729 0.0 0.0 ? S< 16:10:30 00:00:00 [kworker/1:1H]  1730 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1732 0.0 1.2 ? S 16:10:30 00:00:06 PortSec  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Bfd --demuxerOpts=283517224269,280061218350,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1760 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1761 0.0 1.4 ? S 16:10:31 00:00:06 Bfd  1763 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Lag --demuxerOpts=284385889980,284346800095,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1764 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1765 0.0 1.3 ? S 16:10:32 00:00:10 Lag  1770 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Ira --demuxerOpts=288231811657,288192037887,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1771 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.5 ? S 16:10:33 00:00:06 Ira  1773 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=292443484009,292114014481,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1775 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 1.2 ? S 16:10:33 00:00:06 LedPolicy  1777 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=292651775845,292518030355,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1778 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.3 ? S 16:10:33 00:00:07 EventMgr  1780 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=292922768387,292730333036,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1781 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=296469003372,293002513997,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1786 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.1 ? S 16:10:34 00:00:01 StandbyCpld  1788 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=296562709974,296552472081,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1789 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1792 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=296808026069,296806088672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1793 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:34 00:00:02 Tunnel  1795 0.0 1.5 ? Sl 16:10:34 00:00:06 Aaa  1797 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=300788778849,297266473162,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1798 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 1.2 ? S 16:10:35 00:00:05 StpTopology  1802 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Acl --demuxerOpts=301204398152,300891965148,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1804 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=Stp --demuxerOpts=301327186104,301314169646,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1822 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.1 ? S 16:10:36 00:00:08 Stp  1841 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=305530146455,305255774992,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1843 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1846 0.0 1.1 ? S 16:10:36 00:00:01 KernelNetworkInfo  1850 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=305843884374,305663232644,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1853 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1854 0.0 1.2 ? S 16:10:37 00:00:05 McastCommon6  1864 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=305942247993,305922103813,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1866 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1870 0.0 1.2 ? S 16:10:37 00:00:05 LacpTxAgent  1880 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=Arp --demuxerOpts=310065886531,309673916602,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1883 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1885 0.0 1.5 ? S 16:10:37 00:00:07 Arp  1904 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=313885932294,310177900767,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1906 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1909 0.0 1.4 ? S 16:10:38 00:00:05 KernelFib  1913 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=Qos --demuxerOpts=314115933313,314080890591,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1915 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1916 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=318163461619,314456876645,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1917 0.0 1.2 ? S 16:10:39 00:00:06 Qos  1918 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1919 0.0 1.1 ? S 16:10:39 00:00:01 Thermostat  1921 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=318393235515,318272971626,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1922 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1923 0.0 1.2 ? S 16:10:39 00:00:01 L2Rib  1925 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=318700184862,318479833672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1926 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1927 0.0 1.2 ? S 16:10:40 00:00:05 TopoAgent  1931 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=322510269023,318796649356,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1932 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.1 ? S 16:10:40 00:00:01 PowerFuse  1938 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=322610107690,322594851002,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1941 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1942 0.0 1.1 ? S 16:10:40 00:00:01 PowerManager  1946 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=Ebra --demuxerOpts=323079534390,322903538279,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1947 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1948 0.0 1.4 ? S 16:10:41 00:00:07 Ebra  1963 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=326817468041,326445745657,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1964 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1965 0.0 1.1 ? S 16:10:41 00:00:01 ReloadCauseAgent  1971 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=326889670514,326887919453,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1974 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1982 0.0 1.1 ? S 16:10:41 00:00:01 SharedSecretProfile  1984 0.0 1.5 ? S 16:10:41 00:00:06 IgmpSnooping  1992 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=330897221113,330896762395,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1996 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1999 0.0 1.3 ? S 16:10:42 00:00:02 StaticRoute  2011 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=IpRib --demuxerOpts=331200407691,330981020869,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  2014 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2017 0.0 1.7 ? S 16:10:42 00:00:11 IpRib  2023 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=331257045616,331250600942,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  2025 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2026 0.0 1.9 ? S 16:10:43 00:00:04 BgpCliHelper  2028 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=335183126363,335040315196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  2029 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2030 0.0 1.3 ? S 16:10:43 00:00:05 ConnectedRoute  2048 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=335728637594,335327218140,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  2051 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2055 0.0 1.3 ? S 16:10:43 00:00:01 RouteInput  2094 0.0 0.0 ? S 16:10:45 00:00:00 netns --agenttitle=Sfe --demuxerOpts=340064785822,339704233853,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  2095 0.0 0.3 ? Ss 16:10:45 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2297 0.0 0.0 ? Ssl 16:10:49 00:00:00 /usr/sbin/rsyslogd -n  2576 0.0 0.0 ? S 16:10:55 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=386949000381,386948518196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2577 0.0 0.3 ? Ss 16:10:55 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2578 0.0 1.1 ? S 16:10:55 00:00:01 LicenseManager  2588 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/conlogd  2589 0.0 0.0 tty1 Ss+ 16:10:56 00:00:00 /sbin/agetty --noclear tty1 linux  2590 0.0 0.0 ttyS0 Ss+ 16:10:56 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2594 0.0 0.0 ? S 16:10:56 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2597 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console  2598 0.0 0.0 ? S 16:10:56 00:00:00 sed s/\(.\*\)/\1\r/  2621 0.0 0.0 ? Zs 16:10:59 00:00:00 [SuperServer] <defunct>  2672 0.0 0.0 ? S 16:11:00 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=408802216514,408801658622,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2673 0.0 0.3 ? Ss 16:11:00 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2674 0.0 1.2 ? S 16:11:00 00:00:10 Ipsec  2675 0.0 0.4 ? Ss 16:11:01 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2703 0.0 0.1 ? Ssl 16:11:02 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2742 0.0 0.0 ? Ss 16:11:05 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2778 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3141 0.0 0.1 ? Ss 16:12:09 00:00:00 sshd: kgrozis [priv]   3172 0.0 0.0 ? S 16:12:13 00:00:00 sshd: kgrozis@pts/3   3175 0.0 0.1 pts/3 Ssl+ 16:12:13 00:00:00 CliShell --sysname ar --privilege 1  3325 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Nat --demuxerOpts=1095397431678,1095396962624,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3332 0.0 0.3 ? Ss 16:13:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3334 0.0 1.2 ? S 16:13:40 00:00:07 Nat  3348 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1095918058741,1095569389846,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3351 0.0 0.3 ? Ss 16:13:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3359 0.0 1.4 ? S 16:13:41 00:00:06 Vxlan  3447 0.0 0.0 ? S 16:13:42 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1100014748602,1099533372618,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3453 0.0 0.3 ? Ss 16:13:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3458 0.0 1.3 ? S 16:13:42 00:00:06 VxlanSwFwd  3462 0.0 0.0 ? S 16:13:42 00:00:00 /usr/sbin/dnsmasq  3517 0.0 0.0 ? Ss 16:13:44 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3519 0.0 0.1 ? Ssl 16:13:44 00:00:00 /usr/libexec/strongswan/charon --use-syslog  3568 0.0 0.0 ? S 16:13:44 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1113106534885,1113105010948,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3569 0.0 0.3 ? Ss 16:13:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4937 0.0 0.1 ? Ss 16:33:25 00:00:00 sshd: kgrozis [priv]   4949 0.0 0.0 ? S 16:33:29 00:00:00 sshd: kgrozis@pts/5   4952 0.0 0.1 pts/5 Ssl+ 16:33:29 00:00:00 CliShell --sysname ar --privilege 1  4966 0.0 0.0 ? S 16:33:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6241089979701,6241089444714,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4967 0.0 0.3 ? Ss 16:33:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4968 0.0 1.3 ? Sl 16:33:38 00:00:01 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  5012 0.0 0.0 ? Ss 16:33:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  5014 0.0 0.1 ? S 16:33:39 00:00:00 nginx: worker process  17656 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:0] 18047 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:2] 18051 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:3] 19416 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:1] 19708 0.0 0.0 ? S 19:38:54 00:00:00 sshd: root [net]  20011 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 3 |
| Name | test\_1\_min\_cpu\_utlization\_on\_ |
| Description | Verify 1 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.21 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 minute CPU utilization is less than specified value on |kg-topology-CloudEosRR1|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.21|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.21, 1.21, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1928 102 3.3 ? Sl 16:10:34 03:33:08 Sfe  1678 0.4 2.0 ? Sl 16:10:24 00:00:57 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.12.101 -taillogs -grpcaddr=0.0.0.0:6042  1545 0.3 6.7 ? Sl 16:10:03 00:00:41 ConfigAgent  1231 0.1 0.9 ? S 16:09:46 00:00:24 ProcMgr-worker  1464 0.1 2.5 ? S 16:10:01 00:00:13 Sysdb  2813 0.1 0.6 ? SNl 16:11:06 00:00:17 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  345 0.0 0.0 ? S 16:09:30 00:00:00 [kworker/u8:2]  383 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  679 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  733 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/bin/ProcMonitor  749 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  751 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:31 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  778 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  849 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  868 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  986 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  988 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1001 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1005 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1016 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1021 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1022 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1053 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1177 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1178 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1211 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1214 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1216 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1230 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1403 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1411 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1426 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1463 0.0 0.0 ? S 16:10:01 00:00:00 /usr/bin/SlabMonitor  1543 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1547 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1548 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1712 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lldp --demuxerOpts=275482372096,275482095106,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1713 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1715 0.0 1.2 ? S 16:10:25 00:00:02 Lldp  1717 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=275539207066,275531172101,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1718 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1719 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1722 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=275630742842,275586496008,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1723 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275697984092,275668336464,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1726 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1727 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1730 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275798425594,275754087410,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1731 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1732 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1738 0.0 1.7 ? S 16:10:26 00:00:10 SuperServer  1745 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279430842216,279242511590,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1746 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.4 ? S 16:10:26 00:00:01 Ira  1748 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279643633598,279537036113,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1749 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1753 0.0 1.1 ? S 16:10:26 00:00:00 LedPolicy  1754 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279769194613,279729578605,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1755 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1756 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=279994695436,279989742052,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1757 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1758 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1759 0.0 1.2 ? S 16:10:26 00:00:07 StpTxRx  1760 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=283497454610,280155363384,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1761 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1764 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283615375164,283615161637,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1765 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1766 0.0 1.0 ? S 16:10:27 00:00:11 AgentMonitor  1767 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283815717588,283815476170,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1768 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1769 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1770 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1772 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=284200272970,284200028375,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1773 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1774 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Acl --demuxerOpts=284441840621,284425363995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1775 0.0 1.2 ? S 16:10:28 00:00:01 StpTopology  1776 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1777 0.0 1.3 ? S 16:10:28 00:00:06 Acl  1780 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Stp --demuxerOpts=288142997842,287926529966,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1781 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1782 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1783 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=288348042626,288306991250,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1784 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288476386621,288476154232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1787 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1788 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1791 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1792 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288660551570,288660315029,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1793 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:29 00:00:01 LacpTxAgent  1795 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Arp --demuxerOpts=292182880197,292182644203,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1797 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1798 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292387136971,292386913377,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1799 0.0 1.4 ? S 16:10:29 00:00:01 Arp  1801 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1802 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1803 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292597182171,292545957912,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1804 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1808 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=293031182227,292789955533,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1811 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1813 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=296490028279,296489674232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1814 0.0 1.1 ? S 16:10:30 00:00:00 Thermostat  1816 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1818 0.0 1.2 ? S 16:10:30 00:00:00 L2Rib  1820 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=296723998947,296723793865,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1821 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1823 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296913137499,296912919995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1824 0.0 1.1 ? S 16:10:30 00:00:00 TopoAgent  1826 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.0 ? S 16:10:30 00:00:00 PowerFuse  1830 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=297125141566,297124919716,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1832 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Ebra --demuxerOpts=300674037695,300668400686,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1835 0.0 1.1 ? S 16:10:31 00:00:00 PowerManager  1838 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1842 0.0 1.3 ? S 16:10:31 00:00:02 Ebra  1849 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=301136672884,300906411409,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1857 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1860 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1861 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=301283236428,301260543814,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1866 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1867 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1868 0.0 1.0 ? S 16:10:31 00:00:00 SharedSecretProfile  1882 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=305461543441,305461133260,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1887 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1888 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1891 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305680427337,305680168169,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1896 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1897 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305860331663,305860120352,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1898 0.0 1.6 ? S 16:10:32 00:00:04 IpRib  1901 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1904 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=309314764439,309314498787,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1905 0.0 1.9 ? S 16:10:33 00:00:02 BgpCliHelper  1907 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1908 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=309483970353,309483752885,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1909 0.0 1.2 ? S 16:10:33 00:00:01 ConnectedRoute  1912 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1913 0.0 2.2 ? Sl 16:10:33 00:00:04 Bgp  1916 0.0 1.3 ? S 16:10:33 00:00:00 RouteInput  1924 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=310187581898,309839049654,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1926 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2274 0.0 0.0 ? Ssl 16:10:43 00:00:00 /usr/sbin/rsyslogd -n  2325 0.0 0.0 ? S 16:10:44 00:00:00 /usr/sbin/dnsmasq  2420 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=357235757262,357235513961,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2423 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2425 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2617 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/conlogd  2618 0.0 0.0 tty1 Ss+ 16:10:47 00:00:00 /sbin/agetty --noclear tty1 linux  2619 0.0 0.0 ttyS0 Ss+ 16:10:47 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2623 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2626 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console  2627 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2629 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2678 0.0 0.0 ? S 16:10:49 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=378052162806,378051926006,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2679 0.0 0.3 ? Ss 16:10:49 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2681 0.0 1.2 ? S 16:10:49 00:00:02 Ipsec  2684 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2713 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2717 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2800 0.0 0.0 ? S 16:11:05 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3345 0.0 0.0 ? Ss 16:13:20 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3347 0.0 0.1 ? Ssl 16:13:20 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4607 0.0 0.0 ? S 16:31:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5742810699600,5742810359951,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4608 0.0 0.3 ? Ss 16:31:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4609 0.0 1.3 ? Sl 16:31:38 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4653 0.0 0.0 ? Ss 16:31:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4655 0.0 0.1 ? S 16:31:39 00:00:00 nginx: worker process  14708 0.0 0.0 ? S 18:54:00 00:00:00 [kworker/0:2] 16628 0.0 0.0 ? S 19:21:00 00:00:00 [kworker/0:0] 17188 0.0 0.0 ? S 19:30:01 00:00:00 [kworker/0:4] 18176 0.0 0.0 ? S 19:36:00 00:00:00 [kworker/0:1] 18772 0.0 0.1 ? Ss 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18779 0.0 0.0 ? S 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18780 0.0 0.0 ? S 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18781 0.0 0.0 ? R 19:39:03 00:00:00 ntpq -c timeout 100 -c raw -c rv 0 127.0.0.1 18782 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 4 |
| Name | test\_1\_min\_cpu\_utlization\_on\_ |
| Description | Verify 1 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.19 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 minute CPU utilization is less than specified value on |kg-topology-CloudEosRR2|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.19|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.22, 1.19, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1867 102 3.3 ? Sl 16:10:36 03:33:15 Sfe  1699 0.4 1.9 ? Sl 16:10:28 00:00:56 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.13.101 -taillogs -grpcaddr=0.0.0.0:6042  1569 0.3 6.7 ? Sl 16:10:07 00:00:40 ConfigAgent  1220 0.1 0.9 ? S 16:09:50 00:00:23 ProcMgr-worker  1491 0.1 2.5 ? S 16:10:04 00:00:13 Sysdb  2830 0.1 0.7 ? SNl 16:11:07 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:26 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:26 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:26 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:26 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:26 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:26 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:26 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:26 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:26 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:26 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:26 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:26 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:26 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:26 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:26 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:26 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:26 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:26 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:26 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:26 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:26 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:26 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:26 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:26 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:26 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:26 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:26 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:26 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:26 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:26 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:26 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:26 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:26 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:27 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:33 00:00:00 [loop0]  347 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/u8:2]  385 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-udevd  411 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:36 00:00:00 [ena]  704 0.0 0.0 ? S 16:09:36 00:00:00 [kworker/1:1]  736 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  750 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  754 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:36 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  783 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  886 0.0 0.0 ? Ss 16:09:37 00:00:00 /usr/sbin/crond -n  892 0.0 0.0 ? S<s 16:09:37 00:00:00 /usr/bin/wdogdev -t 60  984 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  987 0.0 0.0 pts/0 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  998 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1006 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1008 0.0 0.0 pts/1 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1020 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1023 0.0 0.0 pts/2 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1051 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1166 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1167 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1200 0.0 0.0 ? S 16:09:44 00:00:00 inotifywait -e modify /var/lib/rpm  1203 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1205 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1219 0.0 0.9 ? S 16:09:50 00:00:00 ProcMgr-master  1430 0.0 0.0 ? S 16:10:04 00:00:02 /usr/bin/EosOomAdjust  1438 0.0 0.0 ? S 16:10:04 00:00:00 [rbfd\_vrf\_cleanu]  1453 0.0 0.0 ? Ss 16:10:04 00:00:00 /usr/sbin/acpid  1490 0.0 0.0 ? S 16:10:04 00:00:00 /usr/bin/SlabMonitor  1568 0.0 1.2 ? S 16:10:07 00:00:00 StageMgr  1571 0.0 1.4 ? S 16:10:07 00:00:00 Fru  1572 0.0 1.8 ? S 16:10:08 00:00:00 Launcher  1688 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Lldp --demuxerOpts=267022308128,267022046453,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1690 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=267060701420,267060508537,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1691 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1693 0.0 1.2 ? S 16:10:28 00:00:02 Lldp  1694 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=PortSec --demuxerOpts=267110961213,267109664682,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1695 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1696 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon  1697 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1698 0.0 1.1 ? S 16:10:28 00:00:00 PortSec  1714 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Bfd --demuxerOpts=267287943293,267201183478,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1715 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1717 0.0 1.3 ? S 16:10:29 00:00:01 Bfd  1718 0.0 0.0 ? S< 16:10:29 00:00:00 [kworker/1:1H]  1719 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Lag --demuxerOpts=271081382312,270995105784,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1722 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1726 0.0 1.3 ? S 16:10:29 00:00:04 Lag  1729 0.0 1.7 ? S 16:10:29 00:00:10 SuperServer  1734 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ira --demuxerOpts=274988497901,271357642443,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1735 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.4 ? S 16:10:30 00:00:01 Ira  1738 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=275250997605,275154076090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1740 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1741 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=275322741078,275313300522,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1742 0.0 1.1 ? S 16:10:30 00:00:00 LedPolicy  1743 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1744 0.0 1.3 ? S 16:10:30 00:00:02 EventMgr  1745 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=275444901964,275402374762,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1746 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.2 ? S 16:10:30 00:00:06 StpTxRx  1748 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=275574357813,275495834090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1749 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1750 0.0 1.1 ? S 16:10:30 00:00:00 StandbyCpld  1751 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=275690651150,275669274609,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1753 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1754 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=275828291876,275803253646,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1755 0.0 1.0 ? S 16:10:30 00:00:11 AgentMonitor  1756 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.5 ? Sl 16:10:31 00:00:03 Aaa  1758 0.0 1.2 ? S 16:10:31 00:00:00 Tunnel  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=279461268794,279461053568,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1761 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Acl --demuxerOpts=279657298608,279657060623,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1762 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1764 0.0 1.2 ? S 16:10:31 00:00:01 StpTopology  1765 0.0 1.3 ? S 16:10:31 00:00:06 Acl  1766 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Stp --demuxerOpts=279904248479,279849063698,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1767 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1768 0.0 1.1 ? S 16:10:31 00:00:01 Stp  1769 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=280070978812,280040277887,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1770 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.1 ? S 16:10:32 00:00:00 KernelNetworkInfo  1773 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=283496234961,283496022668,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1775 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=283670009272,283654033031,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1777 0.0 1.2 ? S 16:10:32 00:00:01 McastCommon6  1779 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1780 0.0 1.2 ? S 16:10:32 00:00:01 LacpTxAgent  1782 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Arp --demuxerOpts=283962169714,283884454900,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1783 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 1.4 ? S 16:10:32 00:00:01 Arp  1787 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=284368944078,284152030106,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1788 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1789 0.0 1.3 ? S 16:10:33 00:00:01 KernelFib  1790 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Qos --demuxerOpts=287951299826,287794979486,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1792 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1793 0.0 1.2 ? S 16:10:33 00:00:00 Qos  1795 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=288248865373,288063169954,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1797 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=288352399604,288352136405,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1801 0.0 1.1 ? S 16:10:33 00:00:00 Thermostat  1803 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1804 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=288556229908,288555994956,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1806 0.0 1.2 ? S 16:10:33 00:00:00 L2Rib  1809 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1810 0.0 1.1 ? S 16:10:34 00:00:00 TopoAgent  1811 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=292069625737,292066417655,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1813 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=292307240803,292274815881,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1816 0.0 1.0 ? S 16:10:34 00:00:00 PowerFuse  1817 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Ebra --demuxerOpts=292498169297,292497956396,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1822 0.0 1.1 ? S 16:10:34 00:00:00 PowerManager  1823 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1826 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=292791615266,292746210228,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1827 0.0 1.3 ? S 16:10:34 00:00:02 Ebra  1831 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=292974197331,292973964529,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1837 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1839 0.0 1.1 ? S 16:10:35 00:00:00 ReloadCauseAgent  1840 0.0 1.5 ? S 16:10:35 00:00:01 IgmpSnooping  1842 0.0 1.0 ? S 16:10:35 00:00:00 SharedSecretProfile  1864 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Sfe --demuxerOpts=297106316632,297106081843,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1865 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1881 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301046223259,301035905330,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1883 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1886 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=IpRib --demuxerOpts=301197056671,301187894591,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1887 0.0 1.3 ? S 16:10:36 00:00:00 StaticRoute  1889 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1890 0.0 1.6 ? S 16:10:36 00:00:03 IpRib  1892 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=301382661484,301331080415,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1893 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1895 0.0 1.8 ? S 16:10:36 00:00:02 BgpCliHelper  1896 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=301560922350,301533425877,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1901 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1905 0.0 1.2 ? S 16:10:37 00:00:01 ConnectedRoute  1907 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305119965463,304973045214,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1910 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 2.2 ? Sl 16:10:37 00:00:05 Bgp  1913 0.0 1.3 ? S 16:10:37 00:00:00 RouteInput  2276 0.0 0.0 ? S 16:10:47 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=348517528299,348517276781,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2279 0.0 0.3 ? Ss 16:10:47 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2282 0.0 1.1 ? S 16:10:47 00:00:00 LicenseManager  2285 0.0 0.0 ? Ssl 16:10:47 00:00:00 /usr/sbin/rsyslogd -n  2338 0.0 0.0 ? S 16:10:48 00:00:00 /usr/sbin/dnsmasq  2571 0.0 0.0 ? Zs 16:10:50 00:00:00 [SuperServer] <defunct>  2613 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/conlogd  2614 0.0 0.0 ttyS0 Ss+ 16:10:51 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2615 0.0 0.0 tty1 Ss+ 16:10:51 00:00:00 /sbin/agetty --noclear tty1 linux  2618 0.0 0.0 ? S 16:10:51 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2620 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console  2621 0.0 0.0 ? S 16:10:51 00:00:00 sed s/\(.\*\)/\1\r/  2675 0.0 0.0 ? S 16:10:52 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=369420756030,369420505813,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2676 0.0 0.3 ? Ss 16:10:52 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2680 0.0 1.2 ? S 16:10:52 00:00:02 Ipsec  2700 0.0 0.4 ? Ss 16:10:52 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2729 0.0 0.1 ? Ssl 16:10:53 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2734 0.0 0.0 ? Ss 16:10:56 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2806 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3363 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3365 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4661 0.0 0.0 ? S 16:32:33 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5957835036638,5957834774817,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4662 0.0 0.3 ? Ss 16:32:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4663 0.0 1.3 ? Sl 16:32:33 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4707 0.0 0.0 ? Ss 16:32:34 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4709 0.0 0.1 ? S 16:32:34 00:00:00 nginx: worker process  15667 0.0 0.0 ? S 19:13:00 00:00:00 [kworker/0:1] 16263 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:2] 16966 0.0 0.0 ? S 19:30:00 00:00:00 [kworker/0:3] 17936 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:0] 18537 0.0 0.1 ? Ss 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18541 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

## 3.2 Test Case: Test 1 sec cpu utlization

### 3.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 5 |
| Name | test\_1\_sec\_cpu\_utlization\_on\_ |
| Description | Verify 1 second CPU % is under specificied value |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.11 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 second CPU utilization is less than specified value on |kg-topology-CloudEOSEdge1|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.11|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.11, 1.17, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1954 102 3.6 ? Sl 16:10:33 03:33:24 Sfe  1737 0.4 2.0 ? Sl 16:10:25 00:01:01 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.14.101 -taillogs -grpcaddr=0.0.0.0:6042  1520 0.3 6.9 ? Sl 16:10:03 00:00:42 ConfigAgent  1244 0.1 0.9 ? S 16:09:46 00:00:22 ProcMgr-worker  1477 0.1 2.5 ? S 16:10:00 00:00:15 Sysdb  2887 0.1 0.6 ? SNl 16:11:08 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  3521 0.1 1.3 ? S 16:13:28 00:00:22 Fhrp  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  412 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  505 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  746 0.0 0.1 ? Ss 16:09:31 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  752 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  757 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  767 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  768 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/bin/ProcMonitor  793 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  807 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  812 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  983 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1002 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1019 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1035 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1037 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1066 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1190 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1191 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1223 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1227 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1229 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1243 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1416 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1424 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1439 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1476 0.0 0.0 ? S 16:10:00 00:00:00 /usr/bin/SlabMonitor  1519 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1522 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1523 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1725 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=Lldp --demuxerOpts=271521201210,271520936063,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1726 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=271553536409,271553339388,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1727 0.0 0.3 ? Ss 16:10:24 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.2 ? S 16:10:24 00:00:02 Lldp  1730 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1731 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1732 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=274902280425,274894065915,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1734 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1750 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1754 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275071374973,274994945700,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1756 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1758 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275586307003,275502389964,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1761 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1762 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1765 0.0 1.7 ? S 16:10:25 00:00:10 SuperServer  1776 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279491456522,275838066821,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1778 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.5 ? S 16:10:26 00:00:01 Ira  1782 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279701475599,279548161921,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1783 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279890031590,279849469825,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1785 0.0 1.2 ? S 16:10:26 00:00:00 LedPolicy  1786 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1788 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=280009470276,279928751393,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1789 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1790 0.0 1.2 ? S 16:10:26 00:00:06 StpTxRx  1791 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=280118876811,280081027107,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1793 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1795 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283590805590,283535014383,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1796 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1797 0.0 1.0 ? S 16:10:27 00:00:12 AgentMonitor  1798 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283744428617,283665622451,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1799 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1800 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1801 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1802 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=283952204546,283952010629,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1804 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:27 00:00:01 StpTopology  1806 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Acl --demuxerOpts=284172859769,284172613971,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1807 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1808 0.0 1.4 ? S 16:10:27 00:00:06 Acl  1809 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Stp --demuxerOpts=284402031123,284371995418,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1810 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1811 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=287852581767,287850967470,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1812 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1814 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1816 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288017511630,288017301475,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1818 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1820 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288224202808,288206982434,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1822 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.2 ? S 16:10:28 00:00:01 LacpTxAgent  1826 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Arp --demuxerOpts=288516871502,288409525692,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1827 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.5 ? S 16:10:28 00:00:01 Arp  1830 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292154469402,288691835445,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1831 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1834 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292391068490,292229931595,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1835 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1836 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1837 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=292653323546,292503125498,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1840 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1841 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=292781932487,292761826016,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1842 0.0 1.1 ? S 16:10:29 00:00:00 Thermostat  1847 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1849 0.0 1.2 ? S 16:10:29 00:00:00 L2Rib  1850 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=293027249168,292979573221,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1852 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1853 0.0 1.2 ? S 16:10:30 00:00:00 TopoAgent  1855 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296601593960,296492906696,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1856 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1858 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=296728233953,296724900486,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1859 0.0 1.1 ? S 16:10:30 00:00:00 PowerFuse  1860 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1863 0.0 1.1 ? S 16:10:30 00:00:00 PowerManager  1864 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ebra --demuxerOpts=296921127640,296920912379,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1865 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1868 0.0 1.4 ? S 16:10:30 00:00:02 Ebra  1869 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=297209443189,297091547491,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1874 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1876 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=297331465944,297308578543,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1883 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1887 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1889 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1892 0.0 1.1 ? S 16:10:31 00:00:00 SharedSecretProfile  1906 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301582768548,301582509040,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1909 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1912 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305064840725,305064581389,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1917 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1920 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305232197713,305231975754,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1922 0.0 1.6 ? S 16:10:32 00:00:05 IpRib  1924 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1926 0.0 1.9 ? S 16:10:32 00:00:02 BgpCliHelper  1928 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=305439070301,305437068667,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1932 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.2 ? S 16:10:32 00:00:01 ConnectedRoute  1935 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305658141411,305618854294,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1937 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1938 0.0 1.3 ? S 16:10:32 00:00:00 RouteInput  1940 0.0 2.3 ? Sl 16:10:32 00:00:05 Bgp  1950 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=309581446345,305926964721,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1953 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2308 0.0 0.0 ? Ssl 16:10:42 00:00:00 /usr/sbin/rsyslogd -n  2467 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=353180209543,353179956273,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2471 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2473 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2664 0.0 0.0 ? S 16:10:46 00:00:00 /usr/bin/conlogd  2665 0.0 0.0 ttyS0 Ss+ 16:10:46 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2666 0.0 0.0 tty1 Ss+ 16:10:46 00:00:00 /sbin/agetty --noclear tty1 linux  2670 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2673 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console  2674 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2699 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2725 0.0 0.0 ? S 16:10:48 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=374234569378,374234336312,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2726 0.0 0.3 ? Ss 16:10:48 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2727 0.0 1.2 ? S 16:10:48 00:00:02 Ipsec  2734 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2760 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2764 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2873 0.0 0.0 ? S 16:11:07 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3353 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Nat --demuxerOpts=1048691633697,1048691229094,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3355 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3357 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1048829900347,1048829438291,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3359 0.0 1.2 ? S 16:13:25 00:00:01 Nat  3361 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3363 0.0 1.3 ? S 16:13:25 00:00:01 Vxlan  3369 0.0 0.0 ? S 16:13:26 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1052390336317,1048894623126,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3377 0.0 0.3 ? Ss 16:13:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3383 0.0 1.3 ? S 16:13:26 00:00:01 VxlanSwFwd  3474 0.0 0.0 ? S 16:13:27 00:00:00 /usr/sbin/dnsmasq  3511 0.0 0.0 ? S 16:13:27 00:00:00 [kworker/u8:3]  3519 0.0 0.0 ? S 16:13:28 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1060861320791,1060861101654,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3520 0.0 0.3 ? Ss 16:13:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3547 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3549 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4884 0.0 0.0 ? S 16:33:07 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6125135729910,6125135441086,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4885 0.0 0.3 ? Ss 16:33:07 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4886 0.0 1.3 ? Sl 16:33:07 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4930 0.0 0.0 ? Ss 16:33:08 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4932 0.0 0.1 ? S 16:33:08 00:00:00 nginx: worker process  16279 0.0 0.0 ? S 19:15:01 00:00:00 [kworker/0:4] 17017 0.0 0.0 ? S 19:27:01 00:00:00 [kworker/0:0] 18021 0.0 0.0 ? S 19:33:01 00:00:00 [kworker/0:1] 18625 0.0 0.0 ? S 19:39:01 00:00:00 [kworker/0:2] 18793 0.0 0.0 ? Rs 19:39:04 00:00:00 /usr/sbin/ntpq -n -c rv 17204 srcadr,srcport,refid,stratum,rec,ppoll,reach,delay,offset,jitter 127.0.0.1 18796 0.0 0.0 ? Rs 19:39:04 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 6 |
| Name | test\_1\_sec\_cpu\_utlization\_on\_ |
| Description | Verify 1 second CPU % is under specificied value |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.2 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 second CPU utilization is less than specified value on |kg-topology-CloudEOSEdge2|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.2|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 2 users, load average: 1.20, 1.15, 1.16  PID %CPU %MEM TT STAT STARTED TIME CMD  2097 101 3.7 ? Sl 16:10:45 03:31:39 Sfe  1738 2.6 1.9 ? Sl 16:10:30 00:05:35 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.15.101 -taillogs -grpcaddr=0.0.0.0:6042  1580 0.5 7.2 ? Sl 16:10:08 00:01:03 ConfigAgent 19707 0.5 0.1 ? Ss 19:38:54 00:00:00 sshd: root [priv]   2791 0.4 0.7 ? SNl 16:11:07 00:00:57 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1503 0.3 2.6 ? S 16:10:06 00:00:46 Sysdb  1232 0.2 0.9 ? S 16:09:51 00:00:30 ProcMgr-worker  1790 0.2 1.0 ? S 16:10:34 00:00:29 AgentMonitor  3570 0.2 1.4 ? S 16:13:44 00:00:27 Fhrp  1767 0.1 1.7 ? S 16:10:32 00:00:18 SuperServer  1782 0.1 1.2 ? S 16:10:33 00:00:13 StpTxRx  1808 0.1 1.4 ? S 16:10:35 00:00:13 Acl  2064 0.1 2.3 ? Sl 16:10:44 00:00:14 Bgp  1 0.0 0.0 ? Ss 16:09:25 00:00:02 /sbin/init  2 0.0 0.0 ? S 16:09:25 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:25 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:25 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:25 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:25 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:25 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:25 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:25 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:25 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:25 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:25 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:25 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:25 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:25 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:25 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:25 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:25 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:25 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:25 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:25 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:25 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:25 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:25 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:25 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:25 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:25 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:25 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:25 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:25 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:25 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:25 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:25 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:32 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/sbin/lvmetad -f  498 0.0 0.0 ? S< 16:09:35 00:00:00 [ena]  710 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/1:1]  749 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-logind  750 0.0 0.1 ? Ss 16:09:35 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  762 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  764 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  784 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/crond -n  806 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  811 0.0 0.0 ? S<s 16:09:36 00:00:00 /usr/bin/wdogdev -t 60  982 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  994 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  995 0.0 0.0 pts/1 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1005 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1006 0.0 0.0 pts/2 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1063 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1178 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1179 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1213 0.0 0.0 ? S 16:09:45 00:00:00 inotifywait -e modify /var/lib/rpm  1215 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1217 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1231 0.0 0.9 ? S 16:09:51 00:00:00 ProcMgr-master  1442 0.0 0.0 ? S 16:10:05 00:00:02 /usr/bin/EosOomAdjust  1450 0.0 0.0 ? S 16:10:05 00:00:00 [rbfd\_vrf\_cleanu]  1465 0.0 0.0 ? Ss 16:10:05 00:00:00 /usr/sbin/acpid  1502 0.0 0.0 ? S 16:10:06 00:00:00 /usr/bin/SlabMonitor  1579 0.0 1.2 ? S 16:10:08 00:00:01 StageMgr  1583 0.0 1.5 ? S 16:10:09 00:00:05 Fru  1585 0.0 1.9 ? S 16:10:10 00:00:02 Launcher  1714 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Lldp --demuxerOpts=279470554453,279470047684,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1716 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1718 0.0 1.3 ? S 16:10:30 00:00:07 Lldp  1721 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=279587219839,279517120427,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1723 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 1.2 ? S 16:10:30 00:00:05 McastCommon  1728 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PortSec --demuxerOpts=279751903339,279634065737,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1729 0.0 0.0 ? S< 16:10:30 00:00:00 [kworker/1:1H]  1730 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1732 0.0 1.2 ? S 16:10:30 00:00:06 PortSec  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Bfd --demuxerOpts=283517224269,280061218350,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1760 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1761 0.0 1.4 ? S 16:10:31 00:00:06 Bfd  1763 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Lag --demuxerOpts=284385889980,284346800095,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1764 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1765 0.0 1.3 ? S 16:10:32 00:00:10 Lag  1770 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Ira --demuxerOpts=288231811657,288192037887,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1771 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.5 ? S 16:10:33 00:00:06 Ira  1773 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=292443484009,292114014481,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1775 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 1.2 ? S 16:10:33 00:00:06 LedPolicy  1777 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=292651775845,292518030355,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1778 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.3 ? S 16:10:33 00:00:07 EventMgr  1780 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=292922768387,292730333036,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1781 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=296469003372,293002513997,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1786 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.1 ? S 16:10:34 00:00:01 StandbyCpld  1788 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=296562709974,296552472081,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1789 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1792 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=296808026069,296806088672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1793 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:34 00:00:02 Tunnel  1795 0.0 1.5 ? Sl 16:10:34 00:00:06 Aaa  1797 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=300788778849,297266473162,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1798 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 1.2 ? S 16:10:35 00:00:05 StpTopology  1802 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Acl --demuxerOpts=301204398152,300891965148,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1804 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=Stp --demuxerOpts=301327186104,301314169646,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1822 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.1 ? S 16:10:36 00:00:08 Stp  1841 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=305530146455,305255774992,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1843 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1846 0.0 1.1 ? S 16:10:36 00:00:01 KernelNetworkInfo  1850 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=305843884374,305663232644,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1853 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1854 0.0 1.2 ? S 16:10:37 00:00:05 McastCommon6  1864 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=305942247993,305922103813,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1866 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1870 0.0 1.2 ? S 16:10:37 00:00:05 LacpTxAgent  1880 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=Arp --demuxerOpts=310065886531,309673916602,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1883 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1885 0.0 1.5 ? S 16:10:37 00:00:07 Arp  1904 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=313885932294,310177900767,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1906 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1909 0.0 1.4 ? S 16:10:38 00:00:05 KernelFib  1913 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=Qos --demuxerOpts=314115933313,314080890591,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1915 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1916 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=318163461619,314456876645,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1917 0.0 1.2 ? S 16:10:39 00:00:06 Qos  1918 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1919 0.0 1.1 ? S 16:10:39 00:00:01 Thermostat  1921 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=318393235515,318272971626,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1922 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1923 0.0 1.2 ? S 16:10:39 00:00:01 L2Rib  1925 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=318700184862,318479833672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1926 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1927 0.0 1.2 ? S 16:10:40 00:00:05 TopoAgent  1931 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=322510269023,318796649356,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1932 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.1 ? S 16:10:40 00:00:01 PowerFuse  1938 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=322610107690,322594851002,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1941 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1942 0.0 1.1 ? S 16:10:40 00:00:01 PowerManager  1946 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=Ebra --demuxerOpts=323079534390,322903538279,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1947 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1948 0.0 1.4 ? S 16:10:41 00:00:07 Ebra  1963 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=326817468041,326445745657,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1964 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1965 0.0 1.1 ? S 16:10:41 00:00:01 ReloadCauseAgent  1971 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=326889670514,326887919453,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1974 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1982 0.0 1.1 ? S 16:10:41 00:00:01 SharedSecretProfile  1984 0.0 1.5 ? S 16:10:41 00:00:06 IgmpSnooping  1992 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=330897221113,330896762395,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1996 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1999 0.0 1.3 ? S 16:10:42 00:00:02 StaticRoute  2011 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=IpRib --demuxerOpts=331200407691,330981020869,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  2014 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2017 0.0 1.7 ? S 16:10:42 00:00:11 IpRib  2023 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=331257045616,331250600942,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  2025 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2026 0.0 1.9 ? S 16:10:43 00:00:04 BgpCliHelper  2028 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=335183126363,335040315196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  2029 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2030 0.0 1.3 ? S 16:10:43 00:00:05 ConnectedRoute  2048 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=335728637594,335327218140,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  2051 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2055 0.0 1.3 ? S 16:10:43 00:00:01 RouteInput  2094 0.0 0.0 ? S 16:10:45 00:00:00 netns --agenttitle=Sfe --demuxerOpts=340064785822,339704233853,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  2095 0.0 0.3 ? Ss 16:10:45 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2297 0.0 0.0 ? Ssl 16:10:49 00:00:00 /usr/sbin/rsyslogd -n  2576 0.0 0.0 ? S 16:10:55 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=386949000381,386948518196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2577 0.0 0.3 ? Ss 16:10:55 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2578 0.0 1.1 ? S 16:10:55 00:00:01 LicenseManager  2588 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/conlogd  2589 0.0 0.0 tty1 Ss+ 16:10:56 00:00:00 /sbin/agetty --noclear tty1 linux  2590 0.0 0.0 ttyS0 Ss+ 16:10:56 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2594 0.0 0.0 ? S 16:10:56 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2597 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console  2598 0.0 0.0 ? S 16:10:56 00:00:00 sed s/\(.\*\)/\1\r/  2621 0.0 0.0 ? Zs 16:10:59 00:00:00 [SuperServer] <defunct>  2672 0.0 0.0 ? S 16:11:00 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=408802216514,408801658622,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2673 0.0 0.3 ? Ss 16:11:00 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2674 0.0 1.2 ? S 16:11:00 00:00:10 Ipsec  2675 0.0 0.4 ? Ss 16:11:01 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2703 0.0 0.1 ? Ssl 16:11:02 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2742 0.0 0.0 ? Ss 16:11:05 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2778 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3141 0.0 0.1 ? Ss 16:12:09 00:00:00 sshd: kgrozis [priv]   3172 0.0 0.0 ? S 16:12:13 00:00:00 sshd: kgrozis@pts/3   3175 0.0 0.1 pts/3 Ssl+ 16:12:13 00:00:00 CliShell --sysname ar --privilege 1  3325 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Nat --demuxerOpts=1095397431678,1095396962624,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3332 0.0 0.3 ? Ss 16:13:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3334 0.0 1.2 ? S 16:13:40 00:00:07 Nat  3348 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1095918058741,1095569389846,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3351 0.0 0.3 ? Ss 16:13:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3359 0.0 1.4 ? S 16:13:41 00:00:06 Vxlan  3447 0.0 0.0 ? S 16:13:42 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1100014748602,1099533372618,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3453 0.0 0.3 ? Ss 16:13:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3458 0.0 1.3 ? S 16:13:42 00:00:06 VxlanSwFwd  3462 0.0 0.0 ? S 16:13:42 00:00:00 /usr/sbin/dnsmasq  3517 0.0 0.0 ? Ss 16:13:44 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3519 0.0 0.1 ? Ssl 16:13:44 00:00:00 /usr/libexec/strongswan/charon --use-syslog  3568 0.0 0.0 ? S 16:13:44 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1113106534885,1113105010948,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3569 0.0 0.3 ? Ss 16:13:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4937 0.0 0.1 ? Ss 16:33:25 00:00:00 sshd: kgrozis [priv]   4949 0.0 0.0 ? S 16:33:29 00:00:00 sshd: kgrozis@pts/5   4952 0.0 0.1 pts/5 Ssl+ 16:33:29 00:00:00 CliShell --sysname ar --privilege 1  4966 0.0 0.0 ? S 16:33:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6241089979701,6241089444714,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4967 0.0 0.3 ? Ss 16:33:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4968 0.0 1.3 ? Sl 16:33:38 00:00:01 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  5012 0.0 0.0 ? Ss 16:33:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  5014 0.0 0.1 ? S 16:33:39 00:00:00 nginx: worker process  17656 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:0] 18047 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:2] 18051 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:3] 19416 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:1] 19708 0.0 0.0 ? S 19:38:54 00:00:00 sshd: root [net]  20011 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 7 |
| Name | test\_1\_sec\_cpu\_utlization\_on\_ |
| Description | Verify 1 second CPU % is under specificied value |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.21 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 second CPU utilization is less than specified value on |kg-topology-CloudEosRR1|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.21|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.21, 1.21, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1928 102 3.3 ? Sl 16:10:34 03:33:07 Sfe  1678 0.4 2.0 ? Sl 16:10:24 00:00:57 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.12.101 -taillogs -grpcaddr=0.0.0.0:6042  1545 0.3 6.7 ? Sl 16:10:03 00:00:41 ConfigAgent  1231 0.1 0.9 ? S 16:09:46 00:00:24 ProcMgr-worker  1464 0.1 2.5 ? S 16:10:01 00:00:13 Sysdb  2813 0.1 0.6 ? SNl 16:11:06 00:00:17 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  345 0.0 0.0 ? S 16:09:30 00:00:00 [kworker/u8:2]  383 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  679 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  733 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/bin/ProcMonitor  749 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  751 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:31 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  778 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  849 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  868 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  986 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  988 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1001 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1005 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1016 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1021 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1022 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1053 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1177 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1178 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1211 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1214 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1216 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1230 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1403 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1411 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1426 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1463 0.0 0.0 ? S 16:10:01 00:00:00 /usr/bin/SlabMonitor  1543 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1547 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1548 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1712 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lldp --demuxerOpts=275482372096,275482095106,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1713 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1715 0.0 1.2 ? S 16:10:25 00:00:02 Lldp  1717 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=275539207066,275531172101,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1718 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1719 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1722 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=275630742842,275586496008,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1723 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275697984092,275668336464,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1726 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1727 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1730 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275798425594,275754087410,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1731 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1732 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1738 0.0 1.7 ? S 16:10:26 00:00:10 SuperServer  1745 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279430842216,279242511590,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1746 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.4 ? S 16:10:26 00:00:01 Ira  1748 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279643633598,279537036113,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1749 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1753 0.0 1.1 ? S 16:10:26 00:00:00 LedPolicy  1754 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279769194613,279729578605,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1755 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1756 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=279994695436,279989742052,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1757 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1758 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1759 0.0 1.2 ? S 16:10:26 00:00:07 StpTxRx  1760 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=283497454610,280155363384,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1761 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1764 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283615375164,283615161637,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1765 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1766 0.0 1.0 ? S 16:10:27 00:00:11 AgentMonitor  1767 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283815717588,283815476170,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1768 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1769 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1770 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1772 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=284200272970,284200028375,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1773 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1774 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Acl --demuxerOpts=284441840621,284425363995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1775 0.0 1.2 ? S 16:10:28 00:00:01 StpTopology  1776 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1777 0.0 1.3 ? S 16:10:28 00:00:06 Acl  1780 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Stp --demuxerOpts=288142997842,287926529966,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1781 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1782 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1783 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=288348042626,288306991250,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1784 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288476386621,288476154232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1787 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1788 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1791 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1792 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288660551570,288660315029,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1793 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:29 00:00:01 LacpTxAgent  1795 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Arp --demuxerOpts=292182880197,292182644203,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1797 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1798 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292387136971,292386913377,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1799 0.0 1.4 ? S 16:10:29 00:00:01 Arp  1801 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1802 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1803 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292597182171,292545957912,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1804 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1808 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=293031182227,292789955533,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1811 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1813 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=296490028279,296489674232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1814 0.0 1.1 ? S 16:10:30 00:00:00 Thermostat  1816 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1818 0.0 1.2 ? S 16:10:30 00:00:00 L2Rib  1820 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=296723998947,296723793865,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1821 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1823 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296913137499,296912919995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1824 0.0 1.1 ? S 16:10:30 00:00:00 TopoAgent  1826 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.0 ? S 16:10:30 00:00:00 PowerFuse  1830 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=297125141566,297124919716,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1832 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Ebra --demuxerOpts=300674037695,300668400686,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1835 0.0 1.1 ? S 16:10:31 00:00:00 PowerManager  1838 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1842 0.0 1.3 ? S 16:10:31 00:00:02 Ebra  1849 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=301136672884,300906411409,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1857 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1860 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1861 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=301283236428,301260543814,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1866 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1867 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1868 0.0 1.0 ? S 16:10:31 00:00:00 SharedSecretProfile  1882 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=305461543441,305461133260,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1887 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1888 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1891 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305680427337,305680168169,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1896 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1897 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305860331663,305860120352,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1898 0.0 1.6 ? S 16:10:32 00:00:04 IpRib  1901 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1904 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=309314764439,309314498787,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1905 0.0 1.9 ? S 16:10:33 00:00:02 BgpCliHelper  1907 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1908 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=309483970353,309483752885,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1909 0.0 1.2 ? S 16:10:33 00:00:01 ConnectedRoute  1912 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1913 0.0 2.2 ? Sl 16:10:33 00:00:04 Bgp  1916 0.0 1.3 ? S 16:10:33 00:00:00 RouteInput  1924 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=310187581898,309839049654,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1926 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2274 0.0 0.0 ? Ssl 16:10:43 00:00:00 /usr/sbin/rsyslogd -n  2325 0.0 0.0 ? S 16:10:44 00:00:00 /usr/sbin/dnsmasq  2420 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=357235757262,357235513961,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2423 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2425 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2617 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/conlogd  2618 0.0 0.0 tty1 Ss+ 16:10:47 00:00:00 /sbin/agetty --noclear tty1 linux  2619 0.0 0.0 ttyS0 Ss+ 16:10:47 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2623 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2626 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console  2627 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2629 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2678 0.0 0.0 ? S 16:10:49 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=378052162806,378051926006,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2679 0.0 0.3 ? Ss 16:10:49 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2681 0.0 1.2 ? S 16:10:49 00:00:02 Ipsec  2684 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2713 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2717 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2800 0.0 0.0 ? S 16:11:05 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3345 0.0 0.0 ? Ss 16:13:20 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3347 0.0 0.1 ? Ssl 16:13:20 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4607 0.0 0.0 ? S 16:31:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5742810699600,5742810359951,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4608 0.0 0.3 ? Ss 16:31:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4609 0.0 1.3 ? Sl 16:31:38 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4653 0.0 0.0 ? Ss 16:31:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4655 0.0 0.1 ? S 16:31:39 00:00:00 nginx: worker process  14708 0.0 0.0 ? S 18:54:00 00:00:00 [kworker/0:2] 16628 0.0 0.0 ? S 19:21:00 00:00:00 [kworker/0:0] 17188 0.0 0.0 ? S 19:30:01 00:00:00 [kworker/0:4] 18176 0.0 0.0 ? S 19:36:00 00:00:00 [kworker/0:1] 18766 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 8 |
| Name | test\_1\_sec\_cpu\_utlization\_on\_ |
| Description | Verify 1 second CPU % is under specificied value |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.22 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 1 second CPU utilization is less than specified value on |kg-topology-CloudEosRR2|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.22|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.22, 1.19, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1867 102 3.3 ? Sl 16:10:36 03:33:15 Sfe  1699 0.4 1.9 ? Sl 16:10:28 00:00:56 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.13.101 -taillogs -grpcaddr=0.0.0.0:6042  1569 0.3 6.7 ? Sl 16:10:07 00:00:40 ConfigAgent  1220 0.1 0.9 ? S 16:09:50 00:00:23 ProcMgr-worker  1491 0.1 2.5 ? S 16:10:04 00:00:13 Sysdb  2830 0.1 0.7 ? SNl 16:11:07 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:26 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:26 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:26 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:26 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:26 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:26 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:26 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:26 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:26 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:26 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:26 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:26 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:26 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:26 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:26 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:26 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:26 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:26 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:26 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:26 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:26 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:26 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:26 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:26 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:26 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:26 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:26 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:26 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:26 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:26 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:26 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:26 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:26 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:27 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:33 00:00:00 [loop0]  347 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/u8:2]  385 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-udevd  411 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:36 00:00:00 [ena]  704 0.0 0.0 ? S 16:09:36 00:00:00 [kworker/1:1]  736 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  750 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  754 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:36 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  783 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  886 0.0 0.0 ? Ss 16:09:37 00:00:00 /usr/sbin/crond -n  892 0.0 0.0 ? S<s 16:09:37 00:00:00 /usr/bin/wdogdev -t 60  984 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  987 0.0 0.0 pts/0 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  998 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1006 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1008 0.0 0.0 pts/1 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1020 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1023 0.0 0.0 pts/2 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1051 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1166 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1167 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1200 0.0 0.0 ? S 16:09:44 00:00:00 inotifywait -e modify /var/lib/rpm  1203 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1205 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1219 0.0 0.9 ? S 16:09:50 00:00:00 ProcMgr-master  1430 0.0 0.0 ? S 16:10:04 00:00:02 /usr/bin/EosOomAdjust  1438 0.0 0.0 ? S 16:10:04 00:00:00 [rbfd\_vrf\_cleanu]  1453 0.0 0.0 ? Ss 16:10:04 00:00:00 /usr/sbin/acpid  1490 0.0 0.0 ? S 16:10:04 00:00:00 /usr/bin/SlabMonitor  1568 0.0 1.2 ? S 16:10:07 00:00:00 StageMgr  1571 0.0 1.4 ? S 16:10:07 00:00:00 Fru  1572 0.0 1.8 ? S 16:10:08 00:00:00 Launcher  1688 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Lldp --demuxerOpts=267022308128,267022046453,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1690 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=267060701420,267060508537,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1691 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1693 0.0 1.2 ? S 16:10:28 00:00:02 Lldp  1694 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=PortSec --demuxerOpts=267110961213,267109664682,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1695 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1696 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon  1697 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1698 0.0 1.1 ? S 16:10:28 00:00:00 PortSec  1714 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Bfd --demuxerOpts=267287943293,267201183478,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1715 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1717 0.0 1.3 ? S 16:10:29 00:00:01 Bfd  1718 0.0 0.0 ? S< 16:10:29 00:00:00 [kworker/1:1H]  1719 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Lag --demuxerOpts=271081382312,270995105784,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1722 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1726 0.0 1.3 ? S 16:10:29 00:00:04 Lag  1729 0.0 1.7 ? S 16:10:29 00:00:10 SuperServer  1734 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ira --demuxerOpts=274988497901,271357642443,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1735 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.4 ? S 16:10:30 00:00:01 Ira  1738 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=275250997605,275154076090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1740 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1741 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=275322741078,275313300522,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1742 0.0 1.1 ? S 16:10:30 00:00:00 LedPolicy  1743 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1744 0.0 1.3 ? S 16:10:30 00:00:02 EventMgr  1745 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=275444901964,275402374762,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1746 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.2 ? S 16:10:30 00:00:06 StpTxRx  1748 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=275574357813,275495834090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1749 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1750 0.0 1.1 ? S 16:10:30 00:00:00 StandbyCpld  1751 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=275690651150,275669274609,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1753 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1754 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=275828291876,275803253646,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1755 0.0 1.0 ? S 16:10:30 00:00:11 AgentMonitor  1756 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.5 ? Sl 16:10:31 00:00:03 Aaa  1758 0.0 1.2 ? S 16:10:31 00:00:00 Tunnel  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=279461268794,279461053568,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1761 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Acl --demuxerOpts=279657298608,279657060623,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1762 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1764 0.0 1.2 ? S 16:10:31 00:00:01 StpTopology  1765 0.0 1.3 ? S 16:10:31 00:00:06 Acl  1766 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Stp --demuxerOpts=279904248479,279849063698,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1767 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1768 0.0 1.1 ? S 16:10:31 00:00:01 Stp  1769 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=280070978812,280040277887,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1770 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.1 ? S 16:10:32 00:00:00 KernelNetworkInfo  1773 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=283496234961,283496022668,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1775 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=283670009272,283654033031,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1777 0.0 1.2 ? S 16:10:32 00:00:01 McastCommon6  1779 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1780 0.0 1.2 ? S 16:10:32 00:00:01 LacpTxAgent  1782 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Arp --demuxerOpts=283962169714,283884454900,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1783 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 1.4 ? S 16:10:32 00:00:01 Arp  1787 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=284368944078,284152030106,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1788 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1789 0.0 1.3 ? S 16:10:33 00:00:01 KernelFib  1790 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Qos --demuxerOpts=287951299826,287794979486,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1792 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1793 0.0 1.2 ? S 16:10:33 00:00:00 Qos  1795 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=288248865373,288063169954,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1797 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=288352399604,288352136405,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1801 0.0 1.1 ? S 16:10:33 00:00:00 Thermostat  1803 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1804 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=288556229908,288555994956,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1806 0.0 1.2 ? S 16:10:33 00:00:00 L2Rib  1809 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1810 0.0 1.1 ? S 16:10:34 00:00:00 TopoAgent  1811 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=292069625737,292066417655,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1813 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=292307240803,292274815881,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1816 0.0 1.0 ? S 16:10:34 00:00:00 PowerFuse  1817 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Ebra --demuxerOpts=292498169297,292497956396,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1822 0.0 1.1 ? S 16:10:34 00:00:00 PowerManager  1823 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1826 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=292791615266,292746210228,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1827 0.0 1.3 ? S 16:10:34 00:00:02 Ebra  1831 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=292974197331,292973964529,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1837 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1839 0.0 1.1 ? S 16:10:35 00:00:00 ReloadCauseAgent  1840 0.0 1.5 ? S 16:10:35 00:00:01 IgmpSnooping  1842 0.0 1.0 ? S 16:10:35 00:00:00 SharedSecretProfile  1864 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Sfe --demuxerOpts=297106316632,297106081843,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1865 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1881 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301046223259,301035905330,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1883 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1886 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=IpRib --demuxerOpts=301197056671,301187894591,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1887 0.0 1.3 ? S 16:10:36 00:00:00 StaticRoute  1889 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1890 0.0 1.6 ? S 16:10:36 00:00:03 IpRib  1892 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=301382661484,301331080415,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1893 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1895 0.0 1.8 ? S 16:10:36 00:00:02 BgpCliHelper  1896 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=301560922350,301533425877,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1901 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1905 0.0 1.2 ? S 16:10:37 00:00:01 ConnectedRoute  1907 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305119965463,304973045214,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1910 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 2.2 ? Sl 16:10:37 00:00:05 Bgp  1913 0.0 1.3 ? S 16:10:37 00:00:00 RouteInput  2276 0.0 0.0 ? S 16:10:47 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=348517528299,348517276781,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2279 0.0 0.3 ? Ss 16:10:47 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2282 0.0 1.1 ? S 16:10:47 00:00:00 LicenseManager  2285 0.0 0.0 ? Ssl 16:10:47 00:00:00 /usr/sbin/rsyslogd -n  2338 0.0 0.0 ? S 16:10:48 00:00:00 /usr/sbin/dnsmasq  2571 0.0 0.0 ? Zs 16:10:50 00:00:00 [SuperServer] <defunct>  2613 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/conlogd  2614 0.0 0.0 ttyS0 Ss+ 16:10:51 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2615 0.0 0.0 tty1 Ss+ 16:10:51 00:00:00 /sbin/agetty --noclear tty1 linux  2618 0.0 0.0 ? S 16:10:51 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2620 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console  2621 0.0 0.0 ? S 16:10:51 00:00:00 sed s/\(.\*\)/\1\r/  2675 0.0 0.0 ? S 16:10:52 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=369420756030,369420505813,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2676 0.0 0.3 ? Ss 16:10:52 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2680 0.0 1.2 ? S 16:10:52 00:00:02 Ipsec  2700 0.0 0.4 ? Ss 16:10:52 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2729 0.0 0.1 ? Ssl 16:10:53 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2734 0.0 0.0 ? Ss 16:10:56 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2806 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3363 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3365 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4661 0.0 0.0 ? S 16:32:33 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5957835036638,5957834774817,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4662 0.0 0.3 ? Ss 16:32:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4663 0.0 1.3 ? Sl 16:32:33 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4707 0.0 0.0 ? Ss 16:32:34 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4709 0.0 0.1 ? S 16:32:34 00:00:00 nginx: worker process  15667 0.0 0.0 ? S 19:13:00 00:00:00 [kworker/0:1] 16263 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:2] 16966 0.0 0.0 ? S 19:30:00 00:00:00 [kworker/0:3] 17936 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:0] 18537 0.0 0.1 ? Ss 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18541 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

## 3.3 Test Case: Test 5 min cpu utlization

### 3.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 9 |
| Name | test\_5\_min\_cpu\_utlization\_on\_ |
| Description | Verify 5 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.18 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 5 minute CPU utilization is less than specified value on |kg-topology-CloudEOSEdge1|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.18|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.11, 1.17, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1954 102 3.6 ? Sl 16:10:33 03:33:24 Sfe  1737 0.4 2.0 ? Sl 16:10:25 00:01:01 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.14.101 -taillogs -grpcaddr=0.0.0.0:6042  1520 0.3 6.9 ? Sl 16:10:03 00:00:42 ConfigAgent  1244 0.1 0.9 ? S 16:09:46 00:00:22 ProcMgr-worker  1477 0.1 2.5 ? S 16:10:00 00:00:15 Sysdb  2887 0.1 0.6 ? SNl 16:11:08 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  3521 0.1 1.3 ? S 16:13:28 00:00:22 Fhrp  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  412 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  505 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  746 0.0 0.1 ? Ss 16:09:31 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  752 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  757 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  767 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  768 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/bin/ProcMonitor  793 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  807 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  812 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  983 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1002 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1019 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1035 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1037 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1066 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1190 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1191 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1223 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1227 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1229 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1243 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1416 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1424 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1439 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1476 0.0 0.0 ? S 16:10:00 00:00:00 /usr/bin/SlabMonitor  1519 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1522 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1523 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1725 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=Lldp --demuxerOpts=271521201210,271520936063,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1726 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=271553536409,271553339388,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1727 0.0 0.3 ? Ss 16:10:24 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.2 ? S 16:10:24 00:00:02 Lldp  1730 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1731 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1732 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=274902280425,274894065915,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1734 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1750 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1754 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275071374973,274994945700,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1756 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1758 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275586307003,275502389964,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1761 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1762 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1765 0.0 1.7 ? S 16:10:25 00:00:10 SuperServer  1776 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279491456522,275838066821,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1778 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.5 ? S 16:10:26 00:00:01 Ira  1782 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279701475599,279548161921,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1783 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279890031590,279849469825,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1785 0.0 1.2 ? S 16:10:26 00:00:00 LedPolicy  1786 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1788 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=280009470276,279928751393,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1789 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1790 0.0 1.2 ? S 16:10:26 00:00:06 StpTxRx  1791 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=280118876811,280081027107,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1793 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1795 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283590805590,283535014383,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1796 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1797 0.0 1.0 ? S 16:10:27 00:00:12 AgentMonitor  1798 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283744428617,283665622451,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1799 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1800 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1801 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1802 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=283952204546,283952010629,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1804 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:27 00:00:01 StpTopology  1806 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Acl --demuxerOpts=284172859769,284172613971,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1807 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1808 0.0 1.4 ? S 16:10:27 00:00:06 Acl  1809 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Stp --demuxerOpts=284402031123,284371995418,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1810 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1811 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=287852581767,287850967470,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1812 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1814 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1816 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288017511630,288017301475,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1818 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1820 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288224202808,288206982434,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1822 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.2 ? S 16:10:28 00:00:01 LacpTxAgent  1826 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Arp --demuxerOpts=288516871502,288409525692,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1827 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.5 ? S 16:10:28 00:00:01 Arp  1830 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292154469402,288691835445,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1831 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1834 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292391068490,292229931595,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1835 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1836 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1837 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=292653323546,292503125498,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1840 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1841 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=292781932487,292761826016,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1842 0.0 1.1 ? S 16:10:29 00:00:00 Thermostat  1847 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1849 0.0 1.2 ? S 16:10:29 00:00:00 L2Rib  1850 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=293027249168,292979573221,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1852 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1853 0.0 1.2 ? S 16:10:30 00:00:00 TopoAgent  1855 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296601593960,296492906696,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1856 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1858 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=296728233953,296724900486,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1859 0.0 1.1 ? S 16:10:30 00:00:00 PowerFuse  1860 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1863 0.0 1.1 ? S 16:10:30 00:00:00 PowerManager  1864 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ebra --demuxerOpts=296921127640,296920912379,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1865 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1868 0.0 1.4 ? S 16:10:30 00:00:02 Ebra  1869 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=297209443189,297091547491,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1874 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1876 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=297331465944,297308578543,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1883 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1887 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1889 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1892 0.0 1.1 ? S 16:10:31 00:00:00 SharedSecretProfile  1906 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301582768548,301582509040,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1909 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1912 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305064840725,305064581389,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1917 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1920 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305232197713,305231975754,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1922 0.0 1.6 ? S 16:10:32 00:00:05 IpRib  1924 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1926 0.0 1.9 ? S 16:10:32 00:00:02 BgpCliHelper  1928 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=305439070301,305437068667,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1932 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.2 ? S 16:10:32 00:00:01 ConnectedRoute  1935 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305658141411,305618854294,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1937 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1938 0.0 1.3 ? S 16:10:32 00:00:00 RouteInput  1940 0.0 2.3 ? Sl 16:10:32 00:00:05 Bgp  1950 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=309581446345,305926964721,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1953 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2308 0.0 0.0 ? Ssl 16:10:42 00:00:00 /usr/sbin/rsyslogd -n  2467 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=353180209543,353179956273,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2471 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2473 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2664 0.0 0.0 ? S 16:10:46 00:00:00 /usr/bin/conlogd  2665 0.0 0.0 ttyS0 Ss+ 16:10:46 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2666 0.0 0.0 tty1 Ss+ 16:10:46 00:00:00 /sbin/agetty --noclear tty1 linux  2670 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2673 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console  2674 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2699 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2725 0.0 0.0 ? S 16:10:48 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=374234569378,374234336312,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2726 0.0 0.3 ? Ss 16:10:48 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2727 0.0 1.2 ? S 16:10:48 00:00:02 Ipsec  2734 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2760 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2764 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2873 0.0 0.0 ? S 16:11:07 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3353 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Nat --demuxerOpts=1048691633697,1048691229094,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3355 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3357 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1048829900347,1048829438291,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3359 0.0 1.2 ? S 16:13:25 00:00:01 Nat  3361 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3363 0.0 1.3 ? S 16:13:25 00:00:01 Vxlan  3369 0.0 0.0 ? S 16:13:26 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1052390336317,1048894623126,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3377 0.0 0.3 ? Ss 16:13:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3383 0.0 1.3 ? S 16:13:26 00:00:01 VxlanSwFwd  3474 0.0 0.0 ? S 16:13:27 00:00:00 /usr/sbin/dnsmasq  3511 0.0 0.0 ? S 16:13:27 00:00:00 [kworker/u8:3]  3519 0.0 0.0 ? S 16:13:28 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1060861320791,1060861101654,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3520 0.0 0.3 ? Ss 16:13:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3547 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3549 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4884 0.0 0.0 ? S 16:33:07 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6125135729910,6125135441086,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4885 0.0 0.3 ? Ss 16:33:07 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4886 0.0 1.3 ? Sl 16:33:07 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4930 0.0 0.0 ? Ss 16:33:08 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4932 0.0 0.1 ? S 16:33:08 00:00:00 nginx: worker process  16279 0.0 0.0 ? S 19:15:01 00:00:00 [kworker/0:4] 17017 0.0 0.0 ? S 19:27:01 00:00:00 [kworker/0:0] 18021 0.0 0.0 ? S 19:33:01 00:00:00 [kworker/0:1] 18625 0.0 0.0 ? S 19:39:01 00:00:00 [kworker/0:2] 18793 0.0 0.0 ? Rs 19:39:04 00:00:00 /usr/sbin/ntpq -n -c rv 17204 srcadr,srcport,refid,stratum,rec,ppoll,reach,delay,offset,jitter 127.0.0.1 18796 0.0 0.0 ? Rs 19:39:04 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 10 |
| Name | test\_5\_min\_cpu\_utlization\_on\_ |
| Description | Verify 5 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.16 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 5 minute CPU utilization is less than specified value on |kg-topology-CloudEOSEdge2|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.16|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 2 users, load average: 1.20, 1.15, 1.16  PID %CPU %MEM TT STAT STARTED TIME CMD  2097 101 3.7 ? Sl 16:10:45 03:31:39 Sfe  1738 2.6 1.9 ? Sl 16:10:30 00:05:35 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.15.101 -taillogs -grpcaddr=0.0.0.0:6042  1580 0.5 7.2 ? Sl 16:10:08 00:01:03 ConfigAgent 19707 0.5 0.1 ? Ss 19:38:54 00:00:00 sshd: root [priv]   2791 0.4 0.7 ? SNl 16:11:07 00:00:57 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1503 0.3 2.6 ? S 16:10:06 00:00:46 Sysdb  1232 0.2 0.9 ? S 16:09:51 00:00:30 ProcMgr-worker  1790 0.2 1.0 ? S 16:10:34 00:00:29 AgentMonitor  3570 0.2 1.4 ? S 16:13:44 00:00:27 Fhrp  1767 0.1 1.7 ? S 16:10:32 00:00:18 SuperServer  1782 0.1 1.2 ? S 16:10:33 00:00:13 StpTxRx  1808 0.1 1.4 ? S 16:10:35 00:00:13 Acl  2064 0.1 2.3 ? Sl 16:10:44 00:00:14 Bgp  1 0.0 0.0 ? Ss 16:09:25 00:00:02 /sbin/init  2 0.0 0.0 ? S 16:09:25 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:25 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:25 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:25 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:25 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:25 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:25 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:25 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:25 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:25 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:25 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:25 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:25 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:25 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:25 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:25 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:25 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:25 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:25 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:25 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:25 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:25 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:25 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:25 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:25 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:25 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:25 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:25 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:25 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:25 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:25 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:25 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:32 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/sbin/lvmetad -f  498 0.0 0.0 ? S< 16:09:35 00:00:00 [ena]  710 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/1:1]  749 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-logind  750 0.0 0.1 ? Ss 16:09:35 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  762 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  764 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  784 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/crond -n  806 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  811 0.0 0.0 ? S<s 16:09:36 00:00:00 /usr/bin/wdogdev -t 60  982 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  994 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  995 0.0 0.0 pts/1 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1005 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1006 0.0 0.0 pts/2 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1063 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1178 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1179 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1213 0.0 0.0 ? S 16:09:45 00:00:00 inotifywait -e modify /var/lib/rpm  1215 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1217 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1231 0.0 0.9 ? S 16:09:51 00:00:00 ProcMgr-master  1442 0.0 0.0 ? S 16:10:05 00:00:02 /usr/bin/EosOomAdjust  1450 0.0 0.0 ? S 16:10:05 00:00:00 [rbfd\_vrf\_cleanu]  1465 0.0 0.0 ? Ss 16:10:05 00:00:00 /usr/sbin/acpid  1502 0.0 0.0 ? S 16:10:06 00:00:00 /usr/bin/SlabMonitor  1579 0.0 1.2 ? S 16:10:08 00:00:01 StageMgr  1583 0.0 1.5 ? S 16:10:09 00:00:05 Fru  1585 0.0 1.9 ? S 16:10:10 00:00:02 Launcher  1714 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Lldp --demuxerOpts=279470554453,279470047684,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1716 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1718 0.0 1.3 ? S 16:10:30 00:00:07 Lldp  1721 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=279587219839,279517120427,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1723 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 1.2 ? S 16:10:30 00:00:05 McastCommon  1728 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PortSec --demuxerOpts=279751903339,279634065737,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1729 0.0 0.0 ? S< 16:10:30 00:00:00 [kworker/1:1H]  1730 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1732 0.0 1.2 ? S 16:10:30 00:00:06 PortSec  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Bfd --demuxerOpts=283517224269,280061218350,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1760 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1761 0.0 1.4 ? S 16:10:31 00:00:06 Bfd  1763 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Lag --demuxerOpts=284385889980,284346800095,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1764 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1765 0.0 1.3 ? S 16:10:32 00:00:10 Lag  1770 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Ira --demuxerOpts=288231811657,288192037887,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1771 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.5 ? S 16:10:33 00:00:06 Ira  1773 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=292443484009,292114014481,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1775 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 1.2 ? S 16:10:33 00:00:06 LedPolicy  1777 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=292651775845,292518030355,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1778 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.3 ? S 16:10:33 00:00:07 EventMgr  1780 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=292922768387,292730333036,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1781 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=296469003372,293002513997,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1786 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.1 ? S 16:10:34 00:00:01 StandbyCpld  1788 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=296562709974,296552472081,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1789 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1792 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=296808026069,296806088672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1793 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:34 00:00:02 Tunnel  1795 0.0 1.5 ? Sl 16:10:34 00:00:06 Aaa  1797 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=300788778849,297266473162,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1798 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 1.2 ? S 16:10:35 00:00:05 StpTopology  1802 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Acl --demuxerOpts=301204398152,300891965148,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1804 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=Stp --demuxerOpts=301327186104,301314169646,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1822 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.1 ? S 16:10:36 00:00:08 Stp  1841 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=305530146455,305255774992,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1843 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1846 0.0 1.1 ? S 16:10:36 00:00:01 KernelNetworkInfo  1850 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=305843884374,305663232644,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1853 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1854 0.0 1.2 ? S 16:10:37 00:00:05 McastCommon6  1864 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=305942247993,305922103813,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1866 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1870 0.0 1.2 ? S 16:10:37 00:00:05 LacpTxAgent  1880 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=Arp --demuxerOpts=310065886531,309673916602,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1883 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1885 0.0 1.5 ? S 16:10:37 00:00:07 Arp  1904 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=313885932294,310177900767,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1906 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1909 0.0 1.4 ? S 16:10:38 00:00:05 KernelFib  1913 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=Qos --demuxerOpts=314115933313,314080890591,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1915 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1916 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=318163461619,314456876645,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1917 0.0 1.2 ? S 16:10:39 00:00:06 Qos  1918 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1919 0.0 1.1 ? S 16:10:39 00:00:01 Thermostat  1921 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=318393235515,318272971626,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1922 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1923 0.0 1.2 ? S 16:10:39 00:00:01 L2Rib  1925 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=318700184862,318479833672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1926 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1927 0.0 1.2 ? S 16:10:40 00:00:05 TopoAgent  1931 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=322510269023,318796649356,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1932 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.1 ? S 16:10:40 00:00:01 PowerFuse  1938 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=322610107690,322594851002,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1941 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1942 0.0 1.1 ? S 16:10:40 00:00:01 PowerManager  1946 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=Ebra --demuxerOpts=323079534390,322903538279,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1947 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1948 0.0 1.4 ? S 16:10:41 00:00:07 Ebra  1963 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=326817468041,326445745657,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1964 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1965 0.0 1.1 ? S 16:10:41 00:00:01 ReloadCauseAgent  1971 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=326889670514,326887919453,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1974 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1982 0.0 1.1 ? S 16:10:41 00:00:01 SharedSecretProfile  1984 0.0 1.5 ? S 16:10:41 00:00:06 IgmpSnooping  1992 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=330897221113,330896762395,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1996 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1999 0.0 1.3 ? S 16:10:42 00:00:02 StaticRoute  2011 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=IpRib --demuxerOpts=331200407691,330981020869,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  2014 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2017 0.0 1.7 ? S 16:10:42 00:00:11 IpRib  2023 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=331257045616,331250600942,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  2025 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2026 0.0 1.9 ? S 16:10:43 00:00:04 BgpCliHelper  2028 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=335183126363,335040315196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  2029 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2030 0.0 1.3 ? S 16:10:43 00:00:05 ConnectedRoute  2048 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=335728637594,335327218140,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  2051 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2055 0.0 1.3 ? S 16:10:43 00:00:01 RouteInput  2094 0.0 0.0 ? S 16:10:45 00:00:00 netns --agenttitle=Sfe --demuxerOpts=340064785822,339704233853,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  2095 0.0 0.3 ? Ss 16:10:45 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2297 0.0 0.0 ? Ssl 16:10:49 00:00:00 /usr/sbin/rsyslogd -n  2576 0.0 0.0 ? S 16:10:55 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=386949000381,386948518196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2577 0.0 0.3 ? Ss 16:10:55 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2578 0.0 1.1 ? S 16:10:55 00:00:01 LicenseManager  2588 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/conlogd  2589 0.0 0.0 tty1 Ss+ 16:10:56 00:00:00 /sbin/agetty --noclear tty1 linux  2590 0.0 0.0 ttyS0 Ss+ 16:10:56 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2594 0.0 0.0 ? S 16:10:56 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2597 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console  2598 0.0 0.0 ? S 16:10:56 00:00:00 sed s/\(.\*\)/\1\r/  2621 0.0 0.0 ? Zs 16:10:59 00:00:00 [SuperServer] <defunct>  2672 0.0 0.0 ? S 16:11:00 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=408802216514,408801658622,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2673 0.0 0.3 ? Ss 16:11:00 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2674 0.0 1.2 ? S 16:11:00 00:00:10 Ipsec  2675 0.0 0.4 ? Ss 16:11:01 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2703 0.0 0.1 ? Ssl 16:11:02 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2742 0.0 0.0 ? Ss 16:11:05 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2778 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3141 0.0 0.1 ? Ss 16:12:09 00:00:00 sshd: kgrozis [priv]   3172 0.0 0.0 ? S 16:12:13 00:00:00 sshd: kgrozis@pts/3   3175 0.0 0.1 pts/3 Ssl+ 16:12:13 00:00:00 CliShell --sysname ar --privilege 1  3325 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Nat --demuxerOpts=1095397431678,1095396962624,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3332 0.0 0.3 ? Ss 16:13:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3334 0.0 1.2 ? S 16:13:40 00:00:07 Nat  3348 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1095918058741,1095569389846,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3351 0.0 0.3 ? Ss 16:13:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3359 0.0 1.4 ? S 16:13:41 00:00:06 Vxlan  3447 0.0 0.0 ? S 16:13:42 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1100014748602,1099533372618,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3453 0.0 0.3 ? Ss 16:13:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3458 0.0 1.3 ? S 16:13:42 00:00:06 VxlanSwFwd  3462 0.0 0.0 ? S 16:13:42 00:00:00 /usr/sbin/dnsmasq  3517 0.0 0.0 ? Ss 16:13:44 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3519 0.0 0.1 ? Ssl 16:13:44 00:00:00 /usr/libexec/strongswan/charon --use-syslog  3568 0.0 0.0 ? S 16:13:44 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1113106534885,1113105010948,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3569 0.0 0.3 ? Ss 16:13:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4937 0.0 0.1 ? Ss 16:33:25 00:00:00 sshd: kgrozis [priv]   4949 0.0 0.0 ? S 16:33:29 00:00:00 sshd: kgrozis@pts/5   4952 0.0 0.1 pts/5 Ssl+ 16:33:29 00:00:00 CliShell --sysname ar --privilege 1  4966 0.0 0.0 ? S 16:33:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6241089979701,6241089444714,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4967 0.0 0.3 ? Ss 16:33:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4968 0.0 1.3 ? Sl 16:33:38 00:00:01 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  5012 0.0 0.0 ? Ss 16:33:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  5014 0.0 0.1 ? S 16:33:39 00:00:00 nginx: worker process  17656 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:0] 18047 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:2] 18051 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:3] 19416 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:1] 19708 0.0 0.0 ? S 19:38:54 00:00:00 sshd: root [net]  20011 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 11 |
| Name | test\_5\_min\_cpu\_utlization\_on\_ |
| Description | Verify 5 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.18 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 5 minute CPU utilization is less than specified value on |kg-topology-CloudEosRR1|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.18|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.21, 1.21, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1928 102 3.3 ? Sl 16:10:34 03:33:08 Sfe  1678 0.4 2.0 ? Sl 16:10:24 00:00:57 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.12.101 -taillogs -grpcaddr=0.0.0.0:6042  1545 0.3 6.7 ? Sl 16:10:03 00:00:41 ConfigAgent  1231 0.1 0.9 ? S 16:09:46 00:00:24 ProcMgr-worker  1464 0.1 2.5 ? S 16:10:01 00:00:13 Sysdb  2813 0.1 0.6 ? SNl 16:11:06 00:00:17 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  345 0.0 0.0 ? S 16:09:30 00:00:00 [kworker/u8:2]  383 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  679 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  733 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/bin/ProcMonitor  749 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  751 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:31 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  778 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  849 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  868 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  986 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  988 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1001 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1005 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1016 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1021 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1022 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1053 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1177 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1178 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1211 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1214 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1216 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1230 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1403 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1411 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1426 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1463 0.0 0.0 ? S 16:10:01 00:00:00 /usr/bin/SlabMonitor  1543 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1547 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1548 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1712 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lldp --demuxerOpts=275482372096,275482095106,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1713 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1715 0.0 1.2 ? S 16:10:25 00:00:02 Lldp  1717 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=275539207066,275531172101,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1718 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1719 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1722 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=275630742842,275586496008,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1723 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275697984092,275668336464,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1726 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1727 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1730 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275798425594,275754087410,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1731 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1732 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1738 0.0 1.7 ? S 16:10:26 00:00:10 SuperServer  1745 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279430842216,279242511590,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1746 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.4 ? S 16:10:26 00:00:01 Ira  1748 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279643633598,279537036113,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1749 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1753 0.0 1.1 ? S 16:10:26 00:00:00 LedPolicy  1754 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279769194613,279729578605,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1755 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1756 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=279994695436,279989742052,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1757 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1758 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1759 0.0 1.2 ? S 16:10:26 00:00:07 StpTxRx  1760 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=283497454610,280155363384,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1761 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1764 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283615375164,283615161637,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1765 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1766 0.0 1.0 ? S 16:10:27 00:00:11 AgentMonitor  1767 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283815717588,283815476170,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1768 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1769 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1770 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1772 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=284200272970,284200028375,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1773 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1774 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Acl --demuxerOpts=284441840621,284425363995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1775 0.0 1.2 ? S 16:10:28 00:00:01 StpTopology  1776 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1777 0.0 1.3 ? S 16:10:28 00:00:06 Acl  1780 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Stp --demuxerOpts=288142997842,287926529966,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1781 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1782 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1783 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=288348042626,288306991250,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1784 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288476386621,288476154232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1787 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1788 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1791 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1792 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288660551570,288660315029,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1793 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:29 00:00:01 LacpTxAgent  1795 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Arp --demuxerOpts=292182880197,292182644203,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1797 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1798 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292387136971,292386913377,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1799 0.0 1.4 ? S 16:10:29 00:00:01 Arp  1801 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1802 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1803 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292597182171,292545957912,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1804 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1808 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=293031182227,292789955533,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1811 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1813 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=296490028279,296489674232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1814 0.0 1.1 ? S 16:10:30 00:00:00 Thermostat  1816 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1818 0.0 1.2 ? S 16:10:30 00:00:00 L2Rib  1820 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=296723998947,296723793865,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1821 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1823 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296913137499,296912919995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1824 0.0 1.1 ? S 16:10:30 00:00:00 TopoAgent  1826 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.0 ? S 16:10:30 00:00:00 PowerFuse  1830 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=297125141566,297124919716,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1832 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Ebra --demuxerOpts=300674037695,300668400686,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1835 0.0 1.1 ? S 16:10:31 00:00:00 PowerManager  1838 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1842 0.0 1.3 ? S 16:10:31 00:00:02 Ebra  1849 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=301136672884,300906411409,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1857 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1860 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1861 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=301283236428,301260543814,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1866 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1867 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1868 0.0 1.0 ? S 16:10:31 00:00:00 SharedSecretProfile  1882 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=305461543441,305461133260,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1887 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1888 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1891 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305680427337,305680168169,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1896 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1897 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305860331663,305860120352,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1898 0.0 1.6 ? S 16:10:32 00:00:04 IpRib  1901 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1904 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=309314764439,309314498787,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1905 0.0 1.9 ? S 16:10:33 00:00:02 BgpCliHelper  1907 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1908 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=309483970353,309483752885,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1909 0.0 1.2 ? S 16:10:33 00:00:01 ConnectedRoute  1912 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1913 0.0 2.2 ? Sl 16:10:33 00:00:04 Bgp  1916 0.0 1.3 ? S 16:10:33 00:00:00 RouteInput  1924 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=310187581898,309839049654,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1926 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2274 0.0 0.0 ? Ssl 16:10:43 00:00:00 /usr/sbin/rsyslogd -n  2325 0.0 0.0 ? S 16:10:44 00:00:00 /usr/sbin/dnsmasq  2420 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=357235757262,357235513961,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2423 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2425 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2617 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/conlogd  2618 0.0 0.0 tty1 Ss+ 16:10:47 00:00:00 /sbin/agetty --noclear tty1 linux  2619 0.0 0.0 ttyS0 Ss+ 16:10:47 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2623 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2626 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console  2627 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2629 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2678 0.0 0.0 ? S 16:10:49 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=378052162806,378051926006,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2679 0.0 0.3 ? Ss 16:10:49 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2681 0.0 1.2 ? S 16:10:49 00:00:02 Ipsec  2684 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2713 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2717 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2800 0.0 0.0 ? S 16:11:05 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3345 0.0 0.0 ? Ss 16:13:20 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3347 0.0 0.1 ? Ssl 16:13:20 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4607 0.0 0.0 ? S 16:31:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5742810699600,5742810359951,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4608 0.0 0.3 ? Ss 16:31:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4609 0.0 1.3 ? Sl 16:31:38 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4653 0.0 0.0 ? Ss 16:31:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4655 0.0 0.1 ? S 16:31:39 00:00:00 nginx: worker process  14708 0.0 0.0 ? S 18:54:00 00:00:00 [kworker/0:2] 16628 0.0 0.0 ? S 19:21:00 00:00:00 [kworker/0:0] 17188 0.0 0.0 ? S 19:30:01 00:00:00 [kworker/0:4] 18176 0.0 0.0 ? S 19:36:00 00:00:00 [kworker/0:1] 18772 0.0 0.1 ? Ss 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18779 0.0 0.0 ? S 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18787 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 3.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 12 |
| Name | test\_5\_min\_cpu\_utlization\_on\_ |
| Description | Verify 5 minute CPU % is under specificied value |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show processes |
| Expected output | 10 |
| Actual output | 1.18 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if 5 minute CPU utilization is less than specified value on |kg-topology-CloudEosRR2|. GIVEN CPU utilization is less than |10|. WHEN CPU utilization is |1.18|. THEN test case result is |True|. OUTPUT of |show processes| is :   19:39:04 up 3:29, 0 users, load average: 1.22, 1.19, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1867 102 3.3 ? Sl 16:10:36 03:33:15 Sfe  1699 0.4 1.9 ? Sl 16:10:28 00:00:56 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.13.101 -taillogs -grpcaddr=0.0.0.0:6042  1569 0.3 6.7 ? Sl 16:10:07 00:00:40 ConfigAgent  1220 0.1 0.9 ? S 16:09:50 00:00:23 ProcMgr-worker  1491 0.1 2.5 ? S 16:10:04 00:00:13 Sysdb  2830 0.1 0.7 ? SNl 16:11:07 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:26 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:26 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:26 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:26 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:26 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:26 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:26 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:26 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:26 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:26 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:26 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:26 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:26 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:26 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:26 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:26 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:26 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:26 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:26 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:26 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:26 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:26 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:26 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:26 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:26 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:26 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:26 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:26 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:26 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:26 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:26 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:26 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:26 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:27 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:33 00:00:00 [loop0]  347 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/u8:2]  385 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-udevd  411 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:36 00:00:00 [ena]  704 0.0 0.0 ? S 16:09:36 00:00:00 [kworker/1:1]  736 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  750 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  754 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:36 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  783 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  886 0.0 0.0 ? Ss 16:09:37 00:00:00 /usr/sbin/crond -n  892 0.0 0.0 ? S<s 16:09:37 00:00:00 /usr/bin/wdogdev -t 60  984 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  987 0.0 0.0 pts/0 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  998 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1006 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1008 0.0 0.0 pts/1 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1020 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1023 0.0 0.0 pts/2 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1051 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1166 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1167 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1200 0.0 0.0 ? S 16:09:44 00:00:00 inotifywait -e modify /var/lib/rpm  1203 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1205 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1219 0.0 0.9 ? S 16:09:50 00:00:00 ProcMgr-master  1430 0.0 0.0 ? S 16:10:04 00:00:02 /usr/bin/EosOomAdjust  1438 0.0 0.0 ? S 16:10:04 00:00:00 [rbfd\_vrf\_cleanu]  1453 0.0 0.0 ? Ss 16:10:04 00:00:00 /usr/sbin/acpid  1490 0.0 0.0 ? S 16:10:04 00:00:00 /usr/bin/SlabMonitor  1568 0.0 1.2 ? S 16:10:07 00:00:00 StageMgr  1571 0.0 1.4 ? S 16:10:07 00:00:00 Fru  1572 0.0 1.8 ? S 16:10:08 00:00:00 Launcher  1688 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Lldp --demuxerOpts=267022308128,267022046453,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1690 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=267060701420,267060508537,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1691 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1693 0.0 1.2 ? S 16:10:28 00:00:02 Lldp  1694 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=PortSec --demuxerOpts=267110961213,267109664682,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1695 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1696 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon  1697 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1698 0.0 1.1 ? S 16:10:28 00:00:00 PortSec  1714 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Bfd --demuxerOpts=267287943293,267201183478,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1715 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1717 0.0 1.3 ? S 16:10:29 00:00:01 Bfd  1718 0.0 0.0 ? S< 16:10:29 00:00:00 [kworker/1:1H]  1719 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Lag --demuxerOpts=271081382312,270995105784,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1722 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1726 0.0 1.3 ? S 16:10:29 00:00:04 Lag  1729 0.0 1.7 ? S 16:10:29 00:00:10 SuperServer  1734 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ira --demuxerOpts=274988497901,271357642443,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1735 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.4 ? S 16:10:30 00:00:01 Ira  1738 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=275250997605,275154076090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1740 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1741 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=275322741078,275313300522,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1742 0.0 1.1 ? S 16:10:30 00:00:00 LedPolicy  1743 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1744 0.0 1.3 ? S 16:10:30 00:00:02 EventMgr  1745 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=275444901964,275402374762,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1746 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.2 ? S 16:10:30 00:00:06 StpTxRx  1748 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=275574357813,275495834090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1749 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1750 0.0 1.1 ? S 16:10:30 00:00:00 StandbyCpld  1751 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=275690651150,275669274609,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1753 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1754 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=275828291876,275803253646,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1755 0.0 1.0 ? S 16:10:30 00:00:11 AgentMonitor  1756 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.5 ? Sl 16:10:31 00:00:03 Aaa  1758 0.0 1.2 ? S 16:10:31 00:00:00 Tunnel  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=279461268794,279461053568,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1761 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Acl --demuxerOpts=279657298608,279657060623,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1762 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1764 0.0 1.2 ? S 16:10:31 00:00:01 StpTopology  1765 0.0 1.3 ? S 16:10:31 00:00:06 Acl  1766 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Stp --demuxerOpts=279904248479,279849063698,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1767 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1768 0.0 1.1 ? S 16:10:31 00:00:01 Stp  1769 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=280070978812,280040277887,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1770 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.1 ? S 16:10:32 00:00:00 KernelNetworkInfo  1773 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=283496234961,283496022668,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1775 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=283670009272,283654033031,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1777 0.0 1.2 ? S 16:10:32 00:00:01 McastCommon6  1779 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1780 0.0 1.2 ? S 16:10:32 00:00:01 LacpTxAgent  1782 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Arp --demuxerOpts=283962169714,283884454900,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1783 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 1.4 ? S 16:10:32 00:00:01 Arp  1787 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=284368944078,284152030106,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1788 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1789 0.0 1.3 ? S 16:10:33 00:00:01 KernelFib  1790 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Qos --demuxerOpts=287951299826,287794979486,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1792 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1793 0.0 1.2 ? S 16:10:33 00:00:00 Qos  1795 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=288248865373,288063169954,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1797 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=288352399604,288352136405,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1801 0.0 1.1 ? S 16:10:33 00:00:00 Thermostat  1803 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1804 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=288556229908,288555994956,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1806 0.0 1.2 ? S 16:10:33 00:00:00 L2Rib  1809 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1810 0.0 1.1 ? S 16:10:34 00:00:00 TopoAgent  1811 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=292069625737,292066417655,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1813 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=292307240803,292274815881,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1816 0.0 1.0 ? S 16:10:34 00:00:00 PowerFuse  1817 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Ebra --demuxerOpts=292498169297,292497956396,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1822 0.0 1.1 ? S 16:10:34 00:00:00 PowerManager  1823 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1826 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=292791615266,292746210228,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1827 0.0 1.3 ? S 16:10:34 00:00:02 Ebra  1831 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=292974197331,292973964529,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1837 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1839 0.0 1.1 ? S 16:10:35 00:00:00 ReloadCauseAgent  1840 0.0 1.5 ? S 16:10:35 00:00:01 IgmpSnooping  1842 0.0 1.0 ? S 16:10:35 00:00:00 SharedSecretProfile  1864 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Sfe --demuxerOpts=297106316632,297106081843,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1865 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1881 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301046223259,301035905330,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1883 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1886 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=IpRib --demuxerOpts=301197056671,301187894591,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1887 0.0 1.3 ? S 16:10:36 00:00:00 StaticRoute  1889 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1890 0.0 1.6 ? S 16:10:36 00:00:03 IpRib  1892 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=301382661484,301331080415,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1893 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1895 0.0 1.8 ? S 16:10:36 00:00:02 BgpCliHelper  1896 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=301560922350,301533425877,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1901 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1905 0.0 1.2 ? S 16:10:37 00:00:01 ConnectedRoute  1907 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305119965463,304973045214,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1910 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 2.2 ? Sl 16:10:37 00:00:05 Bgp  1913 0.0 1.3 ? S 16:10:37 00:00:00 RouteInput  2276 0.0 0.0 ? S 16:10:47 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=348517528299,348517276781,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2279 0.0 0.3 ? Ss 16:10:47 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2282 0.0 1.1 ? S 16:10:47 00:00:00 LicenseManager  2285 0.0 0.0 ? Ssl 16:10:47 00:00:00 /usr/sbin/rsyslogd -n  2338 0.0 0.0 ? S 16:10:48 00:00:00 /usr/sbin/dnsmasq  2571 0.0 0.0 ? Zs 16:10:50 00:00:00 [SuperServer] <defunct>  2613 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/conlogd  2614 0.0 0.0 ttyS0 Ss+ 16:10:51 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2615 0.0 0.0 tty1 Ss+ 16:10:51 00:00:00 /sbin/agetty --noclear tty1 linux  2618 0.0 0.0 ? S 16:10:51 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2620 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console  2621 0.0 0.0 ? S 16:10:51 00:00:00 sed s/\(.\*\)/\1\r/  2675 0.0 0.0 ? S 16:10:52 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=369420756030,369420505813,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2676 0.0 0.3 ? Ss 16:10:52 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2680 0.0 1.2 ? S 16:10:52 00:00:02 Ipsec  2700 0.0 0.4 ? Ss 16:10:52 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2729 0.0 0.1 ? Ssl 16:10:53 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2734 0.0 0.0 ? Ss 16:10:56 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2806 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3363 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3365 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4661 0.0 0.0 ? S 16:32:33 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5957835036638,5957834774817,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4662 0.0 0.3 ? Ss 16:32:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4663 0.0 1.3 ? Sl 16:32:33 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4707 0.0 0.0 ? Ss 16:32:34 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4709 0.0 0.1 ? S 16:32:34 00:00:00 nginx: worker process  15667 0.0 0.0 ? S 19:13:00 00:00:00 [kworker/0:1] 16263 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:2] 16966 0.0 0.0 ? S 19:30:00 00:00:00 [kworker/0:3] 17936 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:0] 18537 0.0 0.1 ? Ss 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18541 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

# 4. Detailed Test Suite Results: Dns

## 4.1 Test Case: Test dns configuration

### 4.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 13 |
| Name | test\_dns\_configuration\_on\_ |
| Description | Verifies DNS configuration matches the recommended practices |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEOSEdge1| DNS config. GIVEN DNS config |ip name-server vrf default 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |True|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

### 4.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 14 |
| Name | test\_dns\_configuration\_on\_ |
| Description | Verifies DNS configuration matches the recommended practices |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEOSEdge2| DNS config. GIVEN DNS config |ip name-server vrf default 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |True|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

### 4.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 15 |
| Name | test\_dns\_configuration\_on\_ |
| Description | Verifies DNS configuration matches the recommended practices |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEosRR1| DNS config. GIVEN DNS config |ip name-server vrf default 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |True|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

### 4.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 16 |
| Name | test\_dns\_configuration\_on\_ |
| Description | Verifies DNS configuration matches the recommended practices |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEosRR2| DNS config. GIVEN DNS config |ip name-server vrf default 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |True|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

## 4.2 Test Case: Test if dns resolves

### 4.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 17 |
| Name | test\_if\_dns\_resolves\_on\_ |
| Description | Verify DNS is running by performing pings and verifying name resolution |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show management api http-commands |
| Expected output | [True, True, True] |
| Actual output | [True, True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST can |kg-topology-CloudEOSEdge1| resolve |google.com|. GIVEN URL is |google.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping google.com| is :  PING google.com (172.217.5.14) 72(100) bytes of data. 76 bytes from lga15s49-in-f14.1e100.net (172.217.5.14): icmp\_seq=1 ttl=100 (truncated) 76 bytes from lga15s49-in-f14.1e100.net (172.217.5.14): icmp\_seq=2 ttl=100 (truncated) 76 bytes from lga15s49-in-f14.1e100.net (172.217.5.14): icmp\_seq=3 ttl=100 (truncated) 76 bytes from lga15s49-in-f14.1e100.net (172.217.5.14): icmp\_seq=4 ttl=100 (truncated) 76 bytes from lga15s49-in-f14.1e100.net (172.217.5.14): icmp\_seq=5 ttl=100 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 61ms rtt min/avg/max/mdev = 17.266/17.307/17.447/0.136 ms, pipe 2, ipg/ewma 15.455/17.375 ms . TEST can |kg-topology-CloudEOSEdge1| resolve |cnn.com|. GIVEN URL is |cnn.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping cnn.com| is :  PING cnn.com (151.101.193.67) 72(100) bytes of data. 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=1 ttl=39 time=11.4 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=2 ttl=39 time=11.3 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=3 ttl=39 time=11.5 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=4 ttl=39 time=11.5 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=5 ttl=39 time=11.3 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 163ms rtt min/avg/max/mdev = 11.303/11.425/11.532/0.153 ms, pipe 2, ipg/ewma 40.811/11.453 ms . TEST can |kg-topology-CloudEOSEdge1| resolve |arista.com|. GIVEN URL is |arista.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping arista.com| is :  PING arista.com (64.68.200.46) 72(100) bytes of data. 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=1 ttl=39 time=23.5 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=2 ttl=39 time=23.5 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=3 ttl=39 time=23.3 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=4 ttl=39 time=23.3 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=5 ttl=39 time=23.4 ms  --- arista.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 186ms rtt min/avg/max/mdev = 23.346/23.440/23.548/0.186 ms, pipe 3, ipg/ewma 46.571/23.477 ms . |

### 4.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 18 |
| Name | test\_if\_dns\_resolves\_on\_ |
| Description | Verify DNS is running by performing pings and verifying name resolution |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show management api http-commands |
| Expected output | [True, True, True] |
| Actual output | [True, True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST can |kg-topology-CloudEOSEdge2| resolve |google.com|. GIVEN URL is |google.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping google.com| is :  PING google.com (172.217.4.46) 72(100) bytes of data. 76 bytes from ord38s18-in-f14.1e100.net (172.217.4.46): icmp\_seq=1 ttl=101 (truncated) 76 bytes from ord38s18-in-f14.1e100.net (172.217.4.46): icmp\_seq=2 ttl=101 (truncated) 76 bytes from ord38s18-in-f14.1e100.net (172.217.4.46): icmp\_seq=3 ttl=101 (truncated) 76 bytes from ord38s18-in-f14.1e100.net (172.217.4.46): icmp\_seq=4 ttl=101 (truncated) 76 bytes from ord38s18-in-f14.1e100.net (172.217.4.46): icmp\_seq=5 ttl=101 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 66ms rtt min/avg/max/mdev = 16.666/17.088/18.763/0.837 ms, pipe 2, ipg/ewma 16.722/17.896 ms . TEST can |kg-topology-CloudEOSEdge2| resolve |cnn.com|. GIVEN URL is |cnn.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping cnn.com| is :  PING cnn.com (151.101.65.67) 72(100) bytes of data. 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=1 ttl=39 time=11.8 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=2 ttl=39 time=10.5 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=3 ttl=39 time=10.5 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=4 ttl=39 time=10.5 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=5 ttl=39 time=10.5 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 180ms rtt min/avg/max/mdev = 10.500/10.791/11.896/0.560 ms, ipg/ewma 45.238/11.324 ms . TEST can |kg-topology-CloudEOSEdge2| resolve |arista.com|. GIVEN URL is |arista.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping arista.com| is :  PING arista.com (64.68.200.46) 72(100) bytes of data. 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=1 ttl=39 time=24.6 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=2 ttl=39 time=23.2 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=3 ttl=39 time=23.2 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=4 ttl=39 time=23.2 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=5 ttl=39 time=23.2 ms  --- arista.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 69ms rtt min/avg/max/mdev = 23.229/23.520/24.656/0.584 ms, pipe 3, ipg/ewma 17.410/24.069 ms . |

### 4.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 19 |
| Name | test\_if\_dns\_resolves\_on\_ |
| Description | Verify DNS is running by performing pings and verifying name resolution |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show management api http-commands |
| Expected output | [True, True, True] |
| Actual output | [True, True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST can |kg-topology-CloudEosRR1| resolve |google.com|. GIVEN URL is |google.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping google.com| is :  PING google.com (216.58.192.238) 72(100) bytes of data. 76 bytes from ord30s26-in-f14.1e100.net (216.58.192.238): icmp\_seq=1 ttl=100 (truncated) 76 bytes from ord30s26-in-f14.1e100.net (216.58.192.238): icmp\_seq=2 ttl=100 (truncated) 76 bytes from ord30s26-in-f14.1e100.net (216.58.192.238): icmp\_seq=3 ttl=100 (truncated) 76 bytes from ord30s26-in-f14.1e100.net (216.58.192.238): icmp\_seq=4 ttl=100 (truncated) 76 bytes from ord30s26-in-f14.1e100.net (216.58.192.238): icmp\_seq=5 ttl=100 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 61ms rtt min/avg/max/mdev = 17.257/17.277/17.321/0.167 ms, pipe 2, ipg/ewma 15.434/17.274 ms . TEST can |kg-topology-CloudEosRR1| resolve |cnn.com|. GIVEN URL is |cnn.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping cnn.com| is :  PING cnn.com (151.101.129.67) 72(100) bytes of data. 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=1 ttl=39 time=11.2 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=2 ttl=39 time=11.2 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=3 ttl=39 time=11.2 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=4 ttl=39 time=11.2 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=5 ttl=39 time=11.3 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 62ms rtt min/avg/max/mdev = 11.278/11.287/11.305/0.067 ms, pipe 2, ipg/ewma 15.628/11.287 ms . TEST can |kg-topology-CloudEosRR1| resolve |arista.com|. GIVEN URL is |arista.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping arista.com| is :  PING arista.com (64.68.200.46) 72(100) bytes of data. 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=1 ttl=39 time=23.4 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=2 ttl=39 time=23.3 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=3 ttl=39 time=23.3 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=4 ttl=39 time=23.3 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=5 ttl=39 time=23.3 ms  --- arista.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 66ms rtt min/avg/max/mdev = 23.371/23.388/23.425/0.138 ms, pipe 3, ipg/ewma 16.651/23.406 ms . |

### 4.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 20 |
| Name | test\_if\_dns\_resolves\_on\_ |
| Description | Verify DNS is running by performing pings and verifying name resolution |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show management api http-commands |
| Expected output | [True, True, True] |
| Actual output | [True, True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST can |kg-topology-CloudEosRR2| resolve |google.com|. GIVEN URL is |google.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping google.com| is :  PING google.com (172.217.0.14) 72(100) bytes of data. 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=1 ttl=100 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=2 ttl=100 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=3 ttl=100 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=4 ttl=100 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=5 ttl=100 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 61ms rtt min/avg/max/mdev = 16.634/16.650/16.661/0.115 ms, pipe 2, ipg/ewma 15.265/16.654 ms . TEST can |kg-topology-CloudEosRR2| resolve |cnn.com|. GIVEN URL is |cnn.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping cnn.com| is :  PING cnn.com (151.101.65.67) 72(100) bytes of data. 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=1 ttl=39 time=10.6 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=2 ttl=39 time=10.6 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=3 ttl=39 time=10.7 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=4 ttl=39 time=10.6 ms 80 bytes from 151.101.65.67 (151.101.65.67): icmp\_seq=5 ttl=39 time=10.6 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 161ms rtt min/avg/max/mdev = 10.632/10.664/10.731/0.099 ms, pipe 2, ipg/ewma 40.290/10.652 ms . TEST can |kg-topology-CloudEosRR2| resolve |arista.com|. GIVEN URL is |arista.com|. WHEN exception is |Name or service not known| string. THEN test case result is |True|. OUTPUT of |ping arista.com| is :  PING arista.com (64.68.200.46) 72(100) bytes of data. 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=1 ttl=39 time=22.8 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=2 ttl=39 time=22.7 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=3 ttl=39 time=22.8 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=4 ttl=39 time=22.7 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=5 ttl=39 time=22.7 ms  --- arista.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 68ms rtt min/avg/max/mdev = 22.731/22.766/22.804/0.138 ms, pipe 3, ipg/ewma 17.178/22.784 ms . |

## 4.3 Test Case: Test if dns servers are reachable

### 4.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 21 |
| Name | test\_if\_dns\_servers\_are\_reachable\_on\_ |
| Description | Verifies DNS servers are reachable via ping |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEOSEdge1|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEOSEdge1| GIVEN server |11.201.12.2|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 11.201.12.2| is :  PING 11.201.12.2 (11.201.12.2) 72(100) bytes of data.  --- 11.201.12.2 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 40ms  . |

### 4.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 22 |
| Name | test\_if\_dns\_servers\_are\_reachable\_on\_ |
| Description | Verifies DNS servers are reachable via ping |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEOSEdge2|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEOSEdge2| GIVEN server |11.201.12.2|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 11.201.12.2| is :  PING 11.201.12.2 (11.201.12.2) 72(100) bytes of data.  --- 11.201.12.2 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 42ms  . |

### 4.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 23 |
| Name | test\_if\_dns\_servers\_are\_reachable\_on\_ |
| Description | Verifies DNS servers are reachable via ping |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR1|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEosRR1| GIVEN server |11.201.12.2|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 11.201.12.2| is :  PING 11.201.12.2 (11.201.12.2) 72(100) bytes of data.  --- 11.201.12.2 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 40ms  . |

### 4.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 24 |
| Name | test\_if\_dns\_servers\_are\_reachable\_on\_ |
| Description | Verifies DNS servers are reachable via ping |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR2|, verifying NTP server reachability for |11.201.12.2| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEosRR2| GIVEN server |11.201.12.2|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 11.201.12.2| is :  PING 11.201.12.2 (11.201.12.2) 72(100) bytes of data.  --- 11.201.12.2 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 40ms  . |

# 5. Detailed Test Suite Results: Ztp

## 5.1 Test Case: Test for zerotouch config file

### 5.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 25 |
| Name | test\_for\_zerotouch\_config\_file\_on\_ |
| Description | Verify zerotoucn-config file is on flash |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | dir flash:zerotouch-config |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP configuration file on |kg-topology-CloudEOSEdge1|. GIVEN ZTP configuration file is |True|. WHEN ZTP configuration file is |True|. THEN test case result is |True|. OUTPUT of |dir flash:zerotouch-config| is :  Directory of flash:/zerotouch-config   -rw- 13 May 10 20:26 zerotouch-config  8319852544 bytes total (7301697536 bytes free) |

### 5.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 26 |
| Name | test\_for\_zerotouch\_config\_file\_on\_ |
| Description | Verify zerotoucn-config file is on flash |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | dir flash:zerotouch-config |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP configuration file on |kg-topology-CloudEOSEdge2|. GIVEN ZTP configuration file is |True|. WHEN ZTP configuration file is |True|. THEN test case result is |True|. OUTPUT of |dir flash:zerotouch-config| is :  Directory of flash:/zerotouch-config   -rw- 13 May 10 20:26 zerotouch-config  8319852544 bytes total (7301697536 bytes free) |

### 5.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 27 |
| Name | test\_for\_zerotouch\_config\_file\_on\_ |
| Description | Verify zerotoucn-config file is on flash |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | dir flash:zerotouch-config |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP configuration file on |kg-topology-CloudEosRR1|. GIVEN ZTP configuration file is |True|. WHEN ZTP configuration file is |True|. THEN test case result is |True|. OUTPUT of |dir flash:zerotouch-config| is :  Directory of flash:/zerotouch-config   -rw- 13 May 10 20:26 zerotouch-config  8319852544 bytes total (7301734400 bytes free) |

### 5.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 28 |
| Name | test\_for\_zerotouch\_config\_file\_on\_ |
| Description | Verify zerotoucn-config file is on flash |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | dir flash:zerotouch-config |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP configuration file on |kg-topology-CloudEosRR2|. GIVEN ZTP configuration file is |True|. WHEN ZTP configuration file is |True|. THEN test case result is |True|. OUTPUT of |dir flash:zerotouch-config| is :  Directory of flash:/zerotouch-config   -rw- 13 May 10 20:26 zerotouch-config  8319852544 bytes total (7301734400 bytes free) |

## 5.2 Test Case: Test if zerotouch is disabled

### 5.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 29 |
| Name | test\_if\_zerotouch\_is\_disabled\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show zerotouch |
| Expected output | disabled |
| Actual output | disabled |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP disabled on |kg-topology-CloudEOSEdge1|. GIVEN ZTP state is |disabled|. WHEN ZTP state is |disabled|. THEN test case result is |True|. OUTPUT of |show zerotouch| is :   ZeroTouch Mode: Disabled Script Exec Timeout: 900 |

### 5.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 30 |
| Name | test\_if\_zerotouch\_is\_disabled\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show zerotouch |
| Expected output | disabled |
| Actual output | disabled |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP disabled on |kg-topology-CloudEOSEdge2|. GIVEN ZTP state is |disabled|. WHEN ZTP state is |disabled|. THEN test case result is |True|. OUTPUT of |show zerotouch| is :   ZeroTouch Mode: Disabled Script Exec Timeout: 900 |

### 5.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 31 |
| Name | test\_if\_zerotouch\_is\_disabled\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show zerotouch |
| Expected output | disabled |
| Actual output | disabled |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP disabled on |kg-topology-CloudEosRR1|. GIVEN ZTP state is |disabled|. WHEN ZTP state is |disabled|. THEN test case result is |True|. OUTPUT of |show zerotouch| is :   ZeroTouch Mode: Disabled Script Exec Timeout: 900 |

### 5.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 32 |
| Name | test\_if\_zerotouch\_is\_disabled\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show zerotouch |
| Expected output | disabled |
| Actual output | disabled |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ZTP disabled on |kg-topology-CloudEosRR2|. GIVEN ZTP state is |disabled|. WHEN ZTP state is |disabled|. THEN test case result is |True|. OUTPUT of |show zerotouch| is :   ZeroTouch Mode: Disabled Script Exec Timeout: 900 |

# 6. Detailed Test Suite Results: Daemon

## 6.1 Test Case: Test if daemons are enabled

### 6.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 33 |
| Name | test\_if\_daemons\_are\_enabled\_on\_ |
| Description | Verify a list of daemons are enabled on DUT |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon enabled on |kg-topology-CloudEOSEdge1|. GIVEN expected TerminAttr enabled state: |True|. WHEN TerminAttr device enabled state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1737) Uptime: 3:28:39 (Start time: Fri Oct 09 16:10:25 2020) No configuration options stored.  No status data stored.  . |

### 6.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 34 |
| Name | test\_if\_daemons\_are\_enabled\_on\_ |
| Description | Verify a list of daemons are enabled on DUT |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon enabled on |kg-topology-CloudEOSEdge2|. GIVEN expected TerminAttr enabled state: |True|. WHEN TerminAttr device enabled state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1738) Uptime: 3:28:33 (Start time: Fri Oct 09 16:10:31 2020) No configuration options stored.  No status data stored.  . |

### 6.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 35 |
| Name | test\_if\_daemons\_are\_enabled\_on\_ |
| Description | Verify a list of daemons are enabled on DUT |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon enabled on |kg-topology-CloudEosRR1|. GIVEN expected TerminAttr enabled state: |True|. WHEN TerminAttr device enabled state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1678) Uptime: 3:28:39 (Start time: Fri Oct 09 16:10:25 2020) No configuration options stored.  No status data stored.  . |

### 6.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 36 |
| Name | test\_if\_daemons\_are\_enabled\_on\_ |
| Description | Verify a list of daemons are enabled on DUT |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon enabled on |kg-topology-CloudEosRR2|. GIVEN expected TerminAttr enabled state: |True|. WHEN TerminAttr device enabled state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1699) Uptime: 3:28:35 (Start time: Fri Oct 09 16:10:29 2020) No configuration options stored.  No status data stored.  . |

## 6.2 Test Case: Test if daemons are running

### 6.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 37 |
| Name | test\_if\_daemons\_are\_running\_on\_ |
| Description | Verify a list of daemons are running on DUT |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon running on |kg-topology-CloudEOSEdge1|. GIVEN expected TerminAttr running state: |True|. WHEN TerminAttr device running state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1737) Uptime: 3:28:39 (Start time: Fri Oct 09 16:10:25 2020) No configuration options stored.  No status data stored.  . |

### 6.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 38 |
| Name | test\_if\_daemons\_are\_running\_on\_ |
| Description | Verify a list of daemons are running on DUT |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon running on |kg-topology-CloudEOSEdge2|. GIVEN expected TerminAttr running state: |True|. WHEN TerminAttr device running state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1738) Uptime: 3:28:33 (Start time: Fri Oct 09 16:10:31 2020) No configuration options stored.  No status data stored.  . |

### 6.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 39 |
| Name | test\_if\_daemons\_are\_running\_on\_ |
| Description | Verify a list of daemons are running on DUT |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon running on |kg-topology-CloudEosRR1|. GIVEN expected TerminAttr running state: |True|. WHEN TerminAttr device running state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1678) Uptime: 3:28:38 (Start time: Fri Oct 09 16:10:25 2020) No configuration options stored.  No status data stored.  . |

### 6.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 40 |
| Name | test\_if\_daemons\_are\_running\_on\_ |
| Description | Verify a list of daemons are running on DUT |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show daemon |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is TerminAttr daemon running on |kg-topology-CloudEosRR2|. GIVEN expected TerminAttr running state: |True|. WHEN TerminAttr device running state is |True|. THEN test case result is |True|. OUTPUT of |show daemon| is :  Process: TerminAttr (running with PID 1699) Uptime: 3:28:35 (Start time: Fri Oct 09 16:10:29 2020) No configuration options stored.  No status data stored.  . |

# 7. Detailed Test Suite Results: System

## 7.1 Test Case: Test if eos version is correct

### 7.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 41 |
| Name | test\_if\_eos\_version\_is\_correct\_on\_ |
| Description | Verifies EOS version running on the device |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show version |
| Expected output | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Actual output | 4.24.0FX-cloud |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEOSEdge1| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| Comment | TEST EOS version running on the device on |kg-topology-CloudEOSEdge1|. GIVEN version is |4.23.1F-cloud-16179785.jakartarel (engineering build)|. WHEN version is |4.24.0FX-cloud|. THEN test case result is |False|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 2558EB294EF3A2315BD5C74CC8EF82B5 System MAC address: 02c7.3dc5.48ec  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7818736 kB Free memory: 3233208 kB |

### 7.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 42 |
| Name | test\_if\_eos\_version\_is\_correct\_on\_ |
| Description | Verifies EOS version running on the device |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show version |
| Expected output | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Actual output | 4.24.0FX-cloud |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEOSEdge2| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| Comment | TEST EOS version running on the device on |kg-topology-CloudEOSEdge2|. GIVEN version is |4.23.1F-cloud-16179785.jakartarel (engineering build)|. WHEN version is |4.24.0FX-cloud|. THEN test case result is |False|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 3DDBFE4B418547EC9723B071ED29FC86 System MAC address: 068a.f245.1896  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7761392 kB Free memory: 3123040 kB |

### 7.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 43 |
| Name | test\_if\_eos\_version\_is\_correct\_on\_ |
| Description | Verifies EOS version running on the device |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show version |
| Expected output | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Actual output | 4.24.0FX-cloud |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR1| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| Comment | TEST EOS version running on the device on |kg-topology-CloudEosRR1|. GIVEN version is |4.23.1F-cloud-16179785.jakartarel (engineering build)|. WHEN version is |4.24.0FX-cloud|. THEN test case result is |False|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 3075D517B750B3A4AE23DED82DFAF702 System MAC address: 02df.de50.a8f9  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7818736 kB Free memory: 3337492 kB |

### 7.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 44 |
| Name | test\_if\_eos\_version\_is\_correct\_on\_ |
| Description | Verifies EOS version running on the device |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show version |
| Expected output | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Actual output | 4.24.0FX-cloud |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR2| EOS version is |4.24.0FX-cloud%|, version should be |4.23.1F-cloud-16179785.jakartarel (engineering build)%| |
| Comment | TEST EOS version running on the device on |kg-topology-CloudEosRR2|. GIVEN version is |4.23.1F-cloud-16179785.jakartarel (engineering build)|. WHEN version is |4.24.0FX-cloud|. THEN test case result is |False|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 5AF63C12E54F39466CB6E9CC07325A44 System MAC address: 06aa.1af7.287f  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7818736 kB Free memory: 3339176 kB |

## 7.2 Test Case: Test if there is agents have crashed

### 7.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 45 |
| Name | test\_if\_there\_is\_agents\_have\_crashed\_on\_ |
| Description | Verifies the agents logs crash is empty |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | 0 |
| Actual output | 0 |
| Test result | True |
| Fail reason |  |
| Comment | TEST number of agent crashes on |kg-topology-CloudEOSEdge1|. GIVEN |0| agent crashes. WHEN |0| agent crashes. THEN test case result is |True|. OUTPUT of |show agent logs crash| is: . |

### 7.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 46 |
| Name | test\_if\_there\_is\_agents\_have\_crashed\_on\_ |
| Description | Verifies the agents logs crash is empty |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | 0 |
| Actual output | 0 |
| Test result | True |
| Fail reason |  |
| Comment | TEST number of agent crashes on |kg-topology-CloudEOSEdge2|. GIVEN |0| agent crashes. WHEN |0| agent crashes. THEN test case result is |True|. OUTPUT of |show agent logs crash| is: . |

### 7.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 47 |
| Name | test\_if\_there\_is\_agents\_have\_crashed\_on\_ |
| Description | Verifies the agents logs crash is empty |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | 0 |
| Actual output | 0 |
| Test result | True |
| Fail reason |  |
| Comment | TEST number of agent crashes on |kg-topology-CloudEosRR1|. GIVEN |0| agent crashes. WHEN |0| agent crashes. THEN test case result is |True|. OUTPUT of |show agent logs crash| is: . |

### 7.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 48 |
| Name | test\_if\_there\_is\_agents\_have\_crashed\_on\_ |
| Description | Verifies the agents logs crash is empty |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | 0 |
| Actual output | 0 |
| Test result | True |
| Fail reason |  |
| Comment | TEST number of agent crashes on |kg-topology-CloudEosRR2|. GIVEN |0| agent crashes. WHEN |0| agent crashes. THEN test case result is |True|. OUTPUT of |show agent logs crash| is: . |

# 8. Detailed Test Suite Results: Extension

## 8.1 Test Case: Test if extensions are erroring

### 8.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 49 |
| Name | test\_if\_extensions\_are\_erroring\_on\_ |
| Description | Verify a list of extension are not erroring on a DUT |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show extensions |
| Expected output | [False, False] |
| Actual output | [False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension not erroring on |kg-topology-CloudEOSEdge1|. GIVEN awslogs.swix extenstion error state is |False|. WHEN awslogs.swix extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension not erroring on |kg-topology-CloudEOSEdge1|. GIVEN awsha.rpm extenstion error state is |False|. WHEN awsha.rpm extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

### 8.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 50 |
| Name | test\_if\_extensions\_are\_erroring\_on\_ |
| Description | Verify a list of extension are not erroring on a DUT |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show extensions |
| Expected output | [False, False] |
| Actual output | [False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension not erroring on |kg-topology-CloudEOSEdge2|. GIVEN awslogs.swix extenstion error state is |False|. WHEN awslogs.swix extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension not erroring on |kg-topology-CloudEOSEdge2|. GIVEN awsha.rpm extenstion error state is |False|. WHEN awsha.rpm extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

### 8.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 51 |
| Name | test\_if\_extensions\_are\_erroring\_on\_ |
| Description | Verify a list of extension are not erroring on a DUT |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show extensions |
| Expected output | [False, False] |
| Actual output | [False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension not erroring on |kg-topology-CloudEosRR1|. GIVEN awslogs.swix extenstion error state is |False|. WHEN awslogs.swix extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension not erroring on |kg-topology-CloudEosRR1|. GIVEN awsha.rpm extenstion error state is |False|. WHEN awsha.rpm extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

### 8.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 52 |
| Name | test\_if\_extensions\_are\_erroring\_on\_ |
| Description | Verify a list of extension are not erroring on a DUT |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show extensions |
| Expected output | [False, False] |
| Actual output | [False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension not erroring on |kg-topology-CloudEosRR2|. GIVEN awslogs.swix extenstion error state is |False|. WHEN awslogs.swix extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension not erroring on |kg-topology-CloudEosRR2|. GIVEN awsha.rpm extenstion error state is |False|. WHEN awsha.rpm extenstion error state is |False|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

## 8.2 Test Case: Test if extensions are installed

### 8.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 53 |
| Name | test\_if\_extensions\_are\_installed\_on\_ |
| Description | Verify a list of extension are installed on a DUT |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show extensions |
| Expected output | ['installed', 'installed'] |
| Actual output | ['installed', 'installed'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension installed on |kg-topology-CloudEOSEdge1|. GIVEN awslogs.swix extenstion installation state is |installed|. WHEN awslogs.swix extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension installed on |kg-topology-CloudEOSEdge1|. GIVEN awsha.rpm extenstion installation state is |installed|. WHEN awsha.rpm extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

### 8.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 54 |
| Name | test\_if\_extensions\_are\_installed\_on\_ |
| Description | Verify a list of extension are installed on a DUT |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show extensions |
| Expected output | ['installed', 'installed'] |
| Actual output | ['installed', 'installed'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension installed on |kg-topology-CloudEOSEdge2|. GIVEN awslogs.swix extenstion installation state is |installed|. WHEN awslogs.swix extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension installed on |kg-topology-CloudEOSEdge2|. GIVEN awsha.rpm extenstion installation state is |installed|. WHEN awsha.rpm extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

### 8.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 55 |
| Name | test\_if\_extensions\_are\_installed\_on\_ |
| Description | Verify a list of extension are installed on a DUT |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show extensions |
| Expected output | ['installed', 'installed'] |
| Actual output | ['installed', 'installed'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension installed on |kg-topology-CloudEosRR1|. GIVEN awslogs.swix extenstion installation state is |installed|. WHEN awslogs.swix extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension installed on |kg-topology-CloudEosRR1|. GIVEN awsha.rpm extenstion installation state is |installed|. WHEN awsha.rpm extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

### 8.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 56 |
| Name | test\_if\_extensions\_are\_installed\_on\_ |
| Description | Verify a list of extension are installed on a DUT |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show extensions |
| Expected output | ['installed', 'installed'] |
| Actual output | ['installed', 'installed'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is awslogs.swix extension installed on |kg-topology-CloudEosRR2|. GIVEN awslogs.swix extenstion installation state is |installed|. WHEN awslogs.swix extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . TEST is awsha.rpm extension installed on |kg-topology-CloudEosRR2|. GIVEN awsha.rpm extenstion installation state is |installed|. WHEN awsha.rpm extenstion installation state is |installed|. THEN test case result is |True|. OUTPUT of |show extensions| is: Name Version/Release Status Extension ----------------- -------------------- ----------- --------- awsha.rpm 0.1.1/1 A, I 1  awslogs.swix 1.4.0/1.el7 A, I 1    A: available | NA: not available | I: installed | NI: not installed | F: forced S: valid signature | NS: invalid signature . |

# 9. Detailed Test Suite Results: Environment

## 9.1 Test Case: Test if fan status is in spec

### 9.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 57 |
| Name | test\_if\_fan\_status\_is\_in\_spec\_on\_ |
| Description | Verify fan modules are functioning correctly |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge1| doesnt require fans. |

### 9.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 58 |
| Name | test\_if\_fan\_status\_is\_in\_spec\_on\_ |
| Description | Verify fan modules are functioning correctly |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge2| doesnt require fans. |

### 9.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 59 |
| Name | test\_if\_fan\_status\_is\_in\_spec\_on\_ |
| Description | Verify fan modules are functioning correctly |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR1| doesnt require fans. |

### 9.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 60 |
| Name | test\_if\_fan\_status\_is\_in\_spec\_on\_ |
| Description | Verify fan modules are functioning correctly |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR2| doesnt require fans. |

## 9.2 Test Case: Test if sensors temp is in spec

### 9.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 61 |
| Name | test\_if\_sensors\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature sensors environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge1| doesnt require cooling. |

### 9.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 62 |
| Name | test\_if\_sensors\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature sensors environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge2| doesnt require cooling. |

### 9.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 63 |
| Name | test\_if\_sensors\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature sensors environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR1| doesnt require cooling. |

### 9.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 64 |
| Name | test\_if\_sensors\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature sensors environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR2| doesnt require cooling. |

## 9.3 Test Case: Test if system environment cooling is in spec

### 9.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 65 |
| Name | test\_if\_system\_environment\_cooling\_is\_in\_spec\_on\_ |
| Description | Verify system cooling environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge1| doesnt require cooling. |

### 9.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 66 |
| Name | test\_if\_system\_environment\_cooling\_is\_in\_spec\_on\_ |
| Description | Verify system cooling environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge2| doesnt require cooling. |

### 9.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 67 |
| Name | test\_if\_system\_environment\_cooling\_is\_in\_spec\_on\_ |
| Description | Verify system cooling environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR1| doesnt require cooling. |

### 9.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 68 |
| Name | test\_if\_system\_environment\_cooling\_is\_in\_spec\_on\_ |
| Description | Verify system cooling environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show system environment cooling |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR2| doesnt require cooling. |

## 9.4 Test Case: Test if system environment power are in spec

### 9.4.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 69 |
| Name | test\_if\_system\_environment\_power\_are\_in\_spec\_on\_ |
| Description | Verify system power environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | [] |
| Actual output | [] |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge1| doesnt have power-supplies. |

### 9.4.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 70 |
| Name | test\_if\_system\_environment\_power\_are\_in\_spec\_on\_ |
| Description | Verify system power environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | [] |
| Actual output | [] |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge2| doesnt have power-supplies. |

### 9.4.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 71 |
| Name | test\_if\_system\_environment\_power\_are\_in\_spec\_on\_ |
| Description | Verify system power environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | [] |
| Actual output | [] |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR1| doesnt have power-supplies. |

### 9.4.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 72 |
| Name | test\_if\_system\_environment\_power\_are\_in\_spec\_on\_ |
| Description | Verify system power environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | [] |
| Actual output | [] |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR2| doesnt have power-supplies. |

## 9.5 Test Case: Test if system environment temp is in spec

### 9.5.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 73 |
| Name | test\_if\_system\_environment\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge1| doesnt require cooling. |

### 9.5.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 74 |
| Name | test\_if\_system\_environment\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature environmentals are functional within spec |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEOSEdge2| doesnt require cooling. |

### 9.5.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 75 |
| Name | test\_if\_system\_environment\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR1| doesnt require cooling. |

### 9.5.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 76 |
| Name | test\_if\_system\_environment\_temp\_is\_in\_spec\_on\_ |
| Description | Verify system temperature environmentals are functional within spec |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | None |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | INVALID TEST: CloudEOS router |kg-topology-CloudEosRR2| doesnt require cooling. |

# 10. Detailed Test Suite Results: Filesystem

## 10.1 Test Case: Test if files

### 10.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 77 |
| Name | test\_if\_files\_on\_ |
| Description | Verify filesystem is correct and expected files are present |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | [False, False, False] |
| Actual output | [False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is flash:startup-config file present on |kg-topology-CloudEOSEdge1|. GIVEN flash:startup-config file isDir state is: |False|. WHEN flash:startup-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:startup-config| is :  [{'output': 'flash:/startup-config:\n type is file\n'}]. TEST is flash:veos-config file present on |kg-topology-CloudEOSEdge1|. GIVEN flash:veos-config file isDir state is: |False|. WHEN flash:veos-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:veos-config| is :  [{'output': 'flash:/veos-config:\n type is file\n'}]. TEST is flash:zerotouch-config file present on |kg-topology-CloudEOSEdge1|. GIVEN flash:zerotouch-config file isDir state is: |False|. WHEN flash:zerotouch-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:zerotouch-config| is :  [{'output': 'flash:/zerotouch-config:\n type is file\n'}]. |

### 10.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 78 |
| Name | test\_if\_files\_on\_ |
| Description | Verify filesystem is correct and expected files are present |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | [False, False, False] |
| Actual output | [False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is flash:startup-config file present on |kg-topology-CloudEOSEdge2|. GIVEN flash:startup-config file isDir state is: |False|. WHEN flash:startup-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:startup-config| is :  [{'output': 'flash:/startup-config:\n type is file\n'}]. TEST is flash:veos-config file present on |kg-topology-CloudEOSEdge2|. GIVEN flash:veos-config file isDir state is: |False|. WHEN flash:veos-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:veos-config| is :  [{'output': 'flash:/veos-config:\n type is file\n'}]. TEST is flash:zerotouch-config file present on |kg-topology-CloudEOSEdge2|. GIVEN flash:zerotouch-config file isDir state is: |False|. WHEN flash:zerotouch-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:zerotouch-config| is :  [{'output': 'flash:/zerotouch-config:\n type is file\n'}]. |

### 10.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 79 |
| Name | test\_if\_files\_on\_ |
| Description | Verify filesystem is correct and expected files are present |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | [False, False, False] |
| Actual output | [False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is flash:startup-config file present on |kg-topology-CloudEosRR1|. GIVEN flash:startup-config file isDir state is: |False|. WHEN flash:startup-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:startup-config| is :  [{'output': 'flash:/startup-config:\n type is file\n'}]. TEST is flash:veos-config file present on |kg-topology-CloudEosRR1|. GIVEN flash:veos-config file isDir state is: |False|. WHEN flash:veos-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:veos-config| is :  [{'output': 'flash:/veos-config:\n type is file\n'}]. TEST is flash:zerotouch-config file present on |kg-topology-CloudEosRR1|. GIVEN flash:zerotouch-config file isDir state is: |False|. WHEN flash:zerotouch-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:zerotouch-config| is :  [{'output': 'flash:/zerotouch-config:\n type is file\n'}]. |

### 10.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 80 |
| Name | test\_if\_files\_on\_ |
| Description | Verify filesystem is correct and expected files are present |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | [False, False, False] |
| Actual output | [False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is flash:startup-config file present on |kg-topology-CloudEosRR2|. GIVEN flash:startup-config file isDir state is: |False|. WHEN flash:startup-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:startup-config| is :  [{'output': 'flash:/startup-config:\n type is file\n'}]. TEST is flash:veos-config file present on |kg-topology-CloudEosRR2|. GIVEN flash:veos-config file isDir state is: |False|. WHEN flash:veos-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:veos-config| is :  [{'output': 'flash:/veos-config:\n type is file\n'}]. TEST is flash:zerotouch-config file present on |kg-topology-CloudEosRR2|. GIVEN flash:zerotouch-config file isDir state is: |False|. WHEN flash:zerotouch-config file isDir state is |False|. THEN test case result is |True|. OUTPUT of |show file information flash:zerotouch-config| is :  [{'output': 'flash:/zerotouch-config:\n type is file\n'}]. |

# 11. Detailed Test Suite Results: Host

## 11.1 Test Case: Test if hostname is correcet

### 11.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 81 |
| Name | test\_if\_hostname\_is\_correcet\_on\_ |
| Description | Verify hostname is set on device is correct |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show hostname |
| Expected output | kg-topology-CloudEOSEdge1 |
| Actual output | kg-topology-CloudEOSEdge1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is hostname correct. GIVEN hostname |kg-topology-CloudEOSEdge1|. WHEN hostname is |kg-topology-CloudEOSEdge1|. THEN test case result is |True|. OUTPUT of |show hostname| is :  Hostname: kg-topology-CloudEOSEdge1 FQDN: kg-topology-CloudEOSEdge1 |

### 11.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 82 |
| Name | test\_if\_hostname\_is\_correcet\_on\_ |
| Description | Verify hostname is set on device is correct |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show hostname |
| Expected output | kg-topology-CloudEOSEdge2 |
| Actual output | kg-topology-CloudEOSEdge2 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is hostname correct. GIVEN hostname |kg-topology-CloudEOSEdge2|. WHEN hostname is |kg-topology-CloudEOSEdge2|. THEN test case result is |True|. OUTPUT of |show hostname| is :  Hostname: kg-topology-CloudEOSEdge2 FQDN: kg-topology-CloudEOSEdge2 |

### 11.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 83 |
| Name | test\_if\_hostname\_is\_correcet\_on\_ |
| Description | Verify hostname is set on device is correct |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show hostname |
| Expected output | kg-topology-CloudEosRR1 |
| Actual output | kg-topology-CloudEosRR1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is hostname correct. GIVEN hostname |kg-topology-CloudEosRR1|. WHEN hostname is |kg-topology-CloudEosRR1|. THEN test case result is |True|. OUTPUT of |show hostname| is :  Hostname: kg-topology-CloudEosRR1 FQDN: kg-topology-CloudEosRR1 |

### 11.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 84 |
| Name | test\_if\_hostname\_is\_correcet\_on\_ |
| Description | Verify hostname is set on device is correct |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show hostname |
| Expected output | kg-topology-CloudEosRR2 |
| Actual output | kg-topology-CloudEosRR2 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is hostname correct. GIVEN hostname |kg-topology-CloudEosRR2|. WHEN hostname is |kg-topology-CloudEosRR2|. THEN test case result is |True|. OUTPUT of |show hostname| is :  Hostname: kg-topology-CloudEosRR2 FQDN: kg-topology-CloudEosRR2 |

# 12. Detailed Test Suite Results: Interface

## 12.1 Test Case: Test if interface errors

### 12.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 85 |
| Name | test\_if\_interface\_errors\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces |
| Expected output | [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] |
| Actual output | [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| Rx Errors is correct. GIVEN Rx errors is |0|. WHEN Rx errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Giant Frames is correct. GIVEN Giant Frames is |0|. WHEN Giant Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Tx Errors is correct. GIVEN Tx Errors is |0|. WHEN Tx Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Runt Frames is correct. GIVEN Runt Frames is |0|. WHEN Runt Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| FCS Errors is correct. GIVEN FCS Errors is |0|. WHEN FCS Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Alignment Errors is correct. GIVEN Alignment Errors is |0|. WHEN Alignment Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Rx Errors is correct. GIVEN Rx errors is |0|. WHEN Rx errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Giant Frames is correct. GIVEN Giant Frames is |0|. WHEN Giant Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Tx Errors is correct. GIVEN Tx Errors is |0|. WHEN Tx Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Runt Frames is correct. GIVEN Runt Frames is |0|. WHEN Runt Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| FCS Errors is correct. GIVEN FCS Errors is |0|. WHEN FCS Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Alignment Errors is correct. GIVEN Alignment Errors is |0|. WHEN Alignment Errors is |0|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02c7.3dc2.7cd6 (bia 02c7.3dc2.7cd6)  Internet address is 11.201.14.101/25  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 18 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.7 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 48.3 kbps (- with framing overhead), 26 packets/sec  304254 packets input, 37212645 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  347057 packets output, 70259836 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2 is up, line protocol is up (connected)  Hardware is Ethernet, address is 0294.6168.0558 (bia 0294.6168.0558)  Internet address is 11.201.14.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 18 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 6 bps (- with framing overhead), 0 packets/sec  5 minutes output rate 1.98 kbps (- with framing overhead), 4 packets/sec  228 packets input, 9576 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  49965 packets output, 3046350 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2.102 is up, line protocol is up (connected)  Hardware is Subinterface, address is 0294.6168.0558  Internet address is 11.201.14.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes (default)  Up 3 hours, 25 minutes, 39 seconds Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02c7.3dc5.48ec (bia 02c7.3dc5.48ec)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 16 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.1/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 39 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.101/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 33 seconds Vlan4093 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 36 seconds Vlan4094 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 36 seconds Vxlan1 is up, line protocol is up (connected)  Hardware is Vxlan  Source interface is Loopback0 and is active with 11.201.0.1  Replication/Flood Mode is headend with Flood List Source: CLI  Remote MAC learning is disabled  VNI mapping to VLANs  Static VLAN to VNI mapping is   Dynamic VLAN to VNI mapping for 'evpn' is  [4093, 101] [4094, 102]   Note: All Dynamic VLANs used by VCS are internal VLANs.  Use 'show vxlan vni' for details.  Static VRF to VNI mapping is   [default, 101]  [prod, 102]  MLAG Shared Router MAC is 0000.0000.0000 . |

### 12.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 86 |
| Name | test\_if\_interface\_errors\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces |
| Expected output | [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] |
| Actual output | [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| Rx Errors is correct. GIVEN Rx errors is |0|. WHEN Rx errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Giant Frames is correct. GIVEN Giant Frames is |0|. WHEN Giant Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Tx Errors is correct. GIVEN Tx Errors is |0|. WHEN Tx Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Runt Frames is correct. GIVEN Runt Frames is |0|. WHEN Runt Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| FCS Errors is correct. GIVEN FCS Errors is |0|. WHEN FCS Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Alignment Errors is correct. GIVEN Alignment Errors is |0|. WHEN Alignment Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Rx Errors is correct. GIVEN Rx errors is |0|. WHEN Rx errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Giant Frames is correct. GIVEN Giant Frames is |0|. WHEN Giant Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Tx Errors is correct. GIVEN Tx Errors is |0|. WHEN Tx Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Runt Frames is correct. GIVEN Runt Frames is |0|. WHEN Runt Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| FCS Errors is correct. GIVEN FCS Errors is |0|. WHEN FCS Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| Alignment Errors is correct. GIVEN Alignment Errors is |0|. WHEN Alignment Errors is |0|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 068a.f2da.dab0 (bia 068a.f2da.dab0)  Internet address is 11.201.15.101/25  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 5 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.5 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 48.6 kbps (- with framing overhead), 26 packets/sec  305598 packets input, 37504779 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  347743 packets output, 72056086 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06e3.0711.dc7c (bia 06e3.0711.dc7c)  Internet address is 11.201.15.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 5 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 6 bps (- with framing overhead), 0 packets/sec  5 minutes output rate 1.97 kbps (- with framing overhead), 4 packets/sec  227 packets input, 9534 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  49883 packets output, 3041323 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2.102 is up, line protocol is up (connected)  Hardware is Subinterface, address is 06e3.0711.dc7c  Internet address is 11.201.15.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes (default)  Up 3 hours, 25 minutes, 23 seconds Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 068a.f245.1896 (bia 068a.f245.1896)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 3 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.2/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 24 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.102/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 27 seconds Vlan4093 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 19 seconds Vlan4094 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 19 seconds Vxlan1 is up, line protocol is up (connected)  Hardware is Vxlan  Source interface is Loopback0 and is active with 11.201.0.2  Replication/Flood Mode is headend with Flood List Source: CLI  Remote MAC learning is disabled  VNI mapping to VLANs  Static VLAN to VNI mapping is   Dynamic VLAN to VNI mapping for 'evpn' is  [4093, 101] [4094, 102]   Note: All Dynamic VLANs used by VCS are internal VLANs.  Use 'show vxlan vni' for details.  Static VRF to VNI mapping is   [default, 101]  [prod, 102]  MLAG Shared Router MAC is 0000.0000.0000 . |

### 12.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 87 |
| Name | test\_if\_interface\_errors\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces |
| Expected output | [0, 0, 0, 0, 0, 0] |
| Actual output | [0, 0, 0, 0, 0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| Rx Errors is correct. GIVEN Rx errors is |0|. WHEN Rx errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Giant Frames is correct. GIVEN Giant Frames is |0|. WHEN Giant Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Tx Errors is correct. GIVEN Tx Errors is |0|. WHEN Tx Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Runt Frames is correct. GIVEN Runt Frames is |0|. WHEN Runt Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| FCS Errors is correct. GIVEN FCS Errors is |0|. WHEN FCS Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Alignment Errors is correct. GIVEN Alignment Errors is |0|. WHEN Alignment Errors is |0|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02df.de91.1b6c (bia 02df.de91.1b6c)  Internet address is 11.201.12.101/24  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 17 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 21.7 kbps (- with framing overhead), 22 packets/sec  5 minutes output rate 45.9 kbps (- with framing overhead), 25 packets/sec  280572 packets input, 34673665 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  317159 packets output, 60929571 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02df.de50.a8f9 (bia 02df.de50.a8f9)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 15 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.3/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 44 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.103/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 32 seconds . |

### 12.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 88 |
| Name | test\_if\_interface\_errors\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces |
| Expected output | [0, 0, 0, 0, 0, 0] |
| Actual output | [0, 0, 0, 0, 0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| Rx Errors is correct. GIVEN Rx errors is |0|. WHEN Rx errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Giant Frames is correct. GIVEN Giant Frames is |0|. WHEN Giant Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Tx Errors is correct. GIVEN Tx Errors is |0|. WHEN Tx Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Runt Frames is correct. GIVEN Runt Frames is |0|. WHEN Runt Frames is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| FCS Errors is correct. GIVEN FCS Errors is |0|. WHEN FCS Errors is |0|. THEN test case result is |True|.  TEST if interface |Ethernet1| Alignment Errors is correct. GIVEN Alignment Errors is |0|. WHEN Alignment Errors is |0|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06aa.1ae9.e132 (bia 06aa.1ae9.e132)  Internet address is 11.201.13.101/24  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 14 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.6 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 45.6 kbps (- with framing overhead), 26 packets/sec  279673 packets input, 34574507 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  316640 packets output, 60425893 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06aa.1af7.287f (bia 06aa.1af7.287f)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 12 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.4/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 36 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.104/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 28 seconds . |

## 12.2 Test Case: Test if interface in counters are discarding

### 12.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 89 |
| Name | test\_if\_intf\_in\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no inDiscards |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces counters discards |
| Expected output | [0, 0] |
| Actual output | [0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has inbound discards on |kg-topology-CloudEOSEdge1|. GIVEN interface inbound discards are |0|. WHEN interface inbound discards are |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| counters has inbound discards on |kg-topology-CloudEOSEdge1|. GIVEN interface inbound discards are |0|. WHEN interface inbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et2 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

### 12.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 90 |
| Name | test\_if\_intf\_in\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no inDiscards |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces counters discards |
| Expected output | [0, 0] |
| Actual output | [0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has inbound discards on |kg-topology-CloudEOSEdge2|. GIVEN interface inbound discards are |0|. WHEN interface inbound discards are |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| counters has inbound discards on |kg-topology-CloudEOSEdge2|. GIVEN interface inbound discards are |0|. WHEN interface inbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et2 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

### 12.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 91 |
| Name | test\_if\_intf\_in\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no inDiscards |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces counters discards |
| Expected output | [0] |
| Actual output | [0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has inbound discards on |kg-topology-CloudEosRR1|. GIVEN interface inbound discards are |0|. WHEN interface inbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

### 12.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 92 |
| Name | test\_if\_intf\_in\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no inDiscards |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces counters discards |
| Expected output | [0] |
| Actual output | [0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has inbound discards on |kg-topology-CloudEosRR2|. GIVEN interface inbound discards are |0|. WHEN interface inbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

## 12.3 Test Case: Test if interface link status is connected

### 12.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 93 |
| Name | test\_if\_intf\_link\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces status |
| Expected output | ['connected', 'connected'] |
| Actual output | ['connected', 'connected'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link status on |kg-topology-CloudEOSEdge1|. GIVEN interface status is |connected|. WHEN interface status is |connected|. THEN test case result is |True|.  TEST if interface |Ethernet2| link status on |kg-topology-CloudEOSEdge1|. GIVEN interface status is |connected|. WHEN interface status is |connected|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et2 connected routed full unconf 10/100/1000  Et2.102 connected routed full unconf dot1q-encapsulation 102  Et100 connected routed full 10G 10/100/1000   . |

### 12.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 94 |
| Name | test\_if\_intf\_link\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces status |
| Expected output | ['connected', 'connected'] |
| Actual output | ['connected', 'connected'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link status on |kg-topology-CloudEOSEdge2|. GIVEN interface status is |connected|. WHEN interface status is |connected|. THEN test case result is |True|.  TEST if interface |Ethernet2| link status on |kg-topology-CloudEOSEdge2|. GIVEN interface status is |connected|. WHEN interface status is |connected|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et2 connected routed full unconf 10/100/1000  Et2.102 connected routed full unconf dot1q-encapsulation 102  Et100 connected routed full 10G 10/100/1000   . |

### 12.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 95 |
| Name | test\_if\_intf\_link\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces status |
| Expected output | ['connected'] |
| Actual output | ['connected'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link status on |kg-topology-CloudEosRR1|. GIVEN interface status is |connected|. WHEN interface status is |connected|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et100 connected routed full 10G 10/100/1000   . |

### 12.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 96 |
| Name | test\_if\_intf\_link\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces status |
| Expected output | ['connected'] |
| Actual output | ['connected'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link status on |kg-topology-CloudEosRR2|. GIVEN interface status is |connected|. WHEN interface status is |connected|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et100 connected routed full 10G 10/100/1000   . |

## 12.4 Test Case: Test if interface mtu is correct

### 12.4.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 97 |
| Name | test\_if\_intf\_mtu\_is\_correct\_on\_ |
| Description | Verify the interfaces of interest MTU |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces |
| Expected output | [10178, 10178] |
| Actual output | [1500, 9000] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|.  On interface |Ethernet2|: interface MTU is |9000|, correct MTU is |10178|. |
| Comment | TEST if interface |Ethernet1| MTU is correct on |kg-topology-CloudEOSEdge1|. GIVEN MTU of |10178|. WHEN interface MTU is |1500|. THEN test case result is |False|.  TEST if interface |Ethernet2| MTU is correct on |kg-topology-CloudEOSEdge1|. GIVEN MTU of |10178|. WHEN interface MTU is |9000|. THEN test case result is |False|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02c7.3dc2.7cd6 (bia 02c7.3dc2.7cd6)  Internet address is 11.201.14.101/25  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 18 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.7 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 48.3 kbps (- with framing overhead), 26 packets/sec  304254 packets input, 37212645 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  347057 packets output, 70259836 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2 is up, line protocol is up (connected)  Hardware is Ethernet, address is 0294.6168.0558 (bia 0294.6168.0558)  Internet address is 11.201.14.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 18 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 6 bps (- with framing overhead), 0 packets/sec  5 minutes output rate 1.98 kbps (- with framing overhead), 4 packets/sec  228 packets input, 9576 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  49965 packets output, 3046350 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2.102 is up, line protocol is up (connected)  Hardware is Subinterface, address is 0294.6168.0558  Internet address is 11.201.14.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes (default)  Up 3 hours, 25 minutes, 39 seconds Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02c7.3dc5.48ec (bia 02c7.3dc5.48ec)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 16 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.1/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 39 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.101/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 33 seconds Vlan4093 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 36 seconds Vlan4094 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 36 seconds Vxlan1 is up, line protocol is up (connected)  Hardware is Vxlan  Source interface is Loopback0 and is active with 11.201.0.1  Replication/Flood Mode is headend with Flood List Source: CLI  Remote MAC learning is disabled  VNI mapping to VLANs  Static VLAN to VNI mapping is   Dynamic VLAN to VNI mapping for 'evpn' is  [4093, 101] [4094, 102]   Note: All Dynamic VLANs used by VCS are internal VLANs.  Use 'show vxlan vni' for details.  Static VRF to VNI mapping is   [default, 101]  [prod, 102]  MLAG Shared Router MAC is 0000.0000.0000 . |

### 12.4.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 98 |
| Name | test\_if\_intf\_mtu\_is\_correct\_on\_ |
| Description | Verify the interfaces of interest MTU |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces |
| Expected output | [10178, 10178] |
| Actual output | [1500, 9000] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|.  On interface |Ethernet2|: interface MTU is |9000|, correct MTU is |10178|. |
| Comment | TEST if interface |Ethernet1| MTU is correct on |kg-topology-CloudEOSEdge2|. GIVEN MTU of |10178|. WHEN interface MTU is |1500|. THEN test case result is |False|.  TEST if interface |Ethernet2| MTU is correct on |kg-topology-CloudEOSEdge2|. GIVEN MTU of |10178|. WHEN interface MTU is |9000|. THEN test case result is |False|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 068a.f2da.dab0 (bia 068a.f2da.dab0)  Internet address is 11.201.15.101/25  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 5 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.5 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 48.6 kbps (- with framing overhead), 26 packets/sec  305598 packets input, 37504779 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  347743 packets output, 72056086 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06e3.0711.dc7c (bia 06e3.0711.dc7c)  Internet address is 11.201.15.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 5 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 6 bps (- with framing overhead), 0 packets/sec  5 minutes output rate 1.97 kbps (- with framing overhead), 4 packets/sec  227 packets input, 9534 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  49883 packets output, 3041323 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2.102 is up, line protocol is up (connected)  Hardware is Subinterface, address is 06e3.0711.dc7c  Internet address is 11.201.15.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes (default)  Up 3 hours, 25 minutes, 23 seconds Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 068a.f245.1896 (bia 068a.f245.1896)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 3 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.2/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 24 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.102/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 27 seconds Vlan4093 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 19 seconds Vlan4094 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 19 seconds Vxlan1 is up, line protocol is up (connected)  Hardware is Vxlan  Source interface is Loopback0 and is active with 11.201.0.2  Replication/Flood Mode is headend with Flood List Source: CLI  Remote MAC learning is disabled  VNI mapping to VLANs  Static VLAN to VNI mapping is   Dynamic VLAN to VNI mapping for 'evpn' is  [4093, 101] [4094, 102]   Note: All Dynamic VLANs used by VCS are internal VLANs.  Use 'show vxlan vni' for details.  Static VRF to VNI mapping is   [default, 101]  [prod, 102]  MLAG Shared Router MAC is 0000.0000.0000 . |

### 12.4.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 99 |
| Name | test\_if\_intf\_mtu\_is\_correct\_on\_ |
| Description | Verify the interfaces of interest MTU |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces |
| Expected output | [10178] |
| Actual output | [1500] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|. |
| Comment | TEST if interface |Ethernet1| MTU is correct on |kg-topology-CloudEosRR1|. GIVEN MTU of |10178|. WHEN interface MTU is |1500|. THEN test case result is |False|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02df.de91.1b6c (bia 02df.de91.1b6c)  Internet address is 11.201.12.101/24  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 16 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 21.5 kbps (- with framing overhead), 22 packets/sec  5 minutes output rate 44.2 kbps (- with framing overhead), 25 packets/sec  280493 packets input, 34660750 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  317048 packets output, 60852586 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02df.de50.a8f9 (bia 02df.de50.a8f9)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 14 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.3/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 44 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.103/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 31 seconds . |

### 12.4.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 100 |
| Name | test\_if\_intf\_mtu\_is\_correct\_on\_ |
| Description | Verify the interfaces of interest MTU |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces |
| Expected output | [10178] |
| Actual output | [1500] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: interface MTU is |1500|, correct MTU is |10178|. |
| Comment | TEST if interface |Ethernet1| MTU is correct on |kg-topology-CloudEosRR2|. GIVEN MTU of |10178|. WHEN interface MTU is |1500|. THEN test case result is |False|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06aa.1ae9.e132 (bia 06aa.1ae9.e132)  Internet address is 11.201.13.101/24  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 14 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.6 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 45.6 kbps (- with framing overhead), 26 packets/sec  279673 packets input, 34574507 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  316640 packets output, 60425893 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06aa.1af7.287f (bia 06aa.1af7.287f)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 12 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.4/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 36 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.104/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 28 seconds . |

## 12.5 Test Case: Test if interface out counters are discarding

### 12.5.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 101 |
| Name | test\_if\_intf\_out\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no outDiscards |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces counters discards |
| Expected output | [0, 0] |
| Actual output | [0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has outbound discards on |kg-topology-CloudEOSEdge1|. GIVEN interface outbound discards are |0| WHEN interface outbound discards are |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| counters has outbound discards on |kg-topology-CloudEOSEdge1|. GIVEN interface outbound discards are |0| WHEN interface outbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et2 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

### 12.5.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 102 |
| Name | test\_if\_intf\_out\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no outDiscards |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces counters discards |
| Expected output | [0, 0] |
| Actual output | [0, 0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has outbound discards on |kg-topology-CloudEOSEdge2|. GIVEN interface outbound discards are |0| WHEN interface outbound discards are |0|. THEN test case result is |True|.  TEST if interface |Ethernet2| counters has outbound discards on |kg-topology-CloudEOSEdge2|. GIVEN interface outbound discards are |0| WHEN interface outbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et2 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

### 12.5.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 103 |
| Name | test\_if\_intf\_out\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no outDiscards |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces counters discards |
| Expected output | [0] |
| Actual output | [0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has outbound discards on |kg-topology-CloudEosRR1|. GIVEN interface outbound discards are |0| WHEN interface outbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

### 12.5.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 104 |
| Name | test\_if\_intf\_out\_counters\_are\_discarding\_on\_ |
| Description | Verify the interfaces of interest have no outDiscards |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces counters discards |
| Expected output | [0] |
| Actual output | [0] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| counters has outbound discards on |kg-topology-CloudEosRR2|. GIVEN interface outbound discards are |0| WHEN interface outbound discards are |0|. THEN test case result is |True|.  OUTPUT of |show interfaces counters discards| is :  Port InDiscards OutDiscards  --------------- ---------------- -----------  Et1 0 0  Et100 0 0  --------- --------- ---------  Totals 0 0   . |

## 12.6 Test Case: Test if interface phy status connected

### 12.6.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 105 |
| Name | test\_if\_intf\_phy\_status\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces phy detail |
| Expected output | linkUp |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | |kg-topology-CloudEOSEdge1| is vEOS instance. Test is invalid. |

### 12.6.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 106 |
| Name | test\_if\_intf\_phy\_status\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces phy detail |
| Expected output | linkUp |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | |kg-topology-CloudEOSEdge2| is vEOS instance. Test is invalid. |

### 12.6.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 107 |
| Name | test\_if\_intf\_phy\_status\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces phy detail |
| Expected output | linkUp |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | |kg-topology-CloudEosRR1| is vEOS instance. Test is invalid. |

### 12.6.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 108 |
| Name | test\_if\_intf\_phy\_status\_connected\_on\_ |
| Description | Verify the interfaces of interest link statuses are connected |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces phy detail |
| Expected output | linkUp |
| Actual output | None |
| Test result | True |
| Fail reason |  |
| Comment | |kg-topology-CloudEosRR2| is vEOS instance. Test is invalid. |

## 12.7 Test Case: Test if interface protocol status is connected

### 12.7.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 109 |
| Name | test\_if\_intf\_protocol\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest protocol statuses are connected |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces status |
| Expected output | ['up', 'up'] |
| Actual output | ['up', 'up'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link prootocol statuses on |kg-topology-CloudEOSEdge1|. GIVEN interface status is |up|. WHEN interface status is |up|. THEN test case result is |True|.  TEST if interface |Ethernet2| link prootocol statuses on |kg-topology-CloudEOSEdge1|. GIVEN interface status is |up|. WHEN interface status is |up|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et2 connected routed full unconf 10/100/1000  Et2.102 connected routed full unconf dot1q-encapsulation 102  Et100 connected routed full 10G 10/100/1000   . |

### 12.7.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 110 |
| Name | test\_if\_intf\_protocol\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest protocol statuses are connected |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces status |
| Expected output | ['up', 'up'] |
| Actual output | ['up', 'up'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link prootocol statuses on |kg-topology-CloudEOSEdge2|. GIVEN interface status is |up|. WHEN interface status is |up|. THEN test case result is |True|.  TEST if interface |Ethernet2| link prootocol statuses on |kg-topology-CloudEOSEdge2|. GIVEN interface status is |up|. WHEN interface status is |up|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et2 connected routed full unconf 10/100/1000  Et2.102 connected routed full unconf dot1q-encapsulation 102  Et100 connected routed full 10G 10/100/1000   . |

### 12.7.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 111 |
| Name | test\_if\_intf\_protocol\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest protocol statuses are connected |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces status |
| Expected output | ['up'] |
| Actual output | ['up'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link prootocol statuses on |kg-topology-CloudEosRR1|. GIVEN interface status is |up|. WHEN interface status is |up|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et100 connected routed full 10G 10/100/1000   . |

### 12.7.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 112 |
| Name | test\_if\_intf\_protocol\_status\_is\_connected\_on\_ |
| Description | Verify the interfaces of interest protocol statuses are connected |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces status |
| Expected output | ['up'] |
| Actual output | ['up'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| link prootocol statuses on |kg-topology-CloudEosRR2|. GIVEN interface status is |up|. WHEN interface status is |up|. THEN test case result is |True|.  OUTPUT of |show interfaces status| is :  Port Name Status Vlan Duplex Speed Type Flags Encapsulation Et1 connected routed full unconf 10/100/1000  Et100 connected routed full 10G 10/100/1000   . |

## 12.8 Test Case: Test interface utilization

### 12.8.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 113 |
| Name | test\_interface\_utilization\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show interfaces |
| Expected output | [True, True, True, True] |
| Actual output | [True, True, True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| input bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.00022484045487717105|. THEN test case result is |True|.  TEST if interface |Ethernet1| output bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.0004828706223941924|. THEN test case result is |True|.  TEST if interface |Ethernet2| input bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |5.851406767140292e-08|. THEN test case result is |True|.  TEST if interface |Ethernet2| output bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |1.9765347209206357e-05|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02c7.3dc2.7cd6 (bia 02c7.3dc2.7cd6)  Internet address is 11.201.14.101/25  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 18 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.7 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 48.3 kbps (- with framing overhead), 26 packets/sec  304254 packets input, 37212645 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  347057 packets output, 70259836 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2 is up, line protocol is up (connected)  Hardware is Ethernet, address is 0294.6168.0558 (bia 0294.6168.0558)  Internet address is 11.201.14.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 18 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 6 bps (- with framing overhead), 0 packets/sec  5 minutes output rate 1.98 kbps (- with framing overhead), 4 packets/sec  228 packets input, 9576 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  49965 packets output, 3046350 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2.102 is up, line protocol is up (connected)  Hardware is Subinterface, address is 0294.6168.0558  Internet address is 11.201.14.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes (default)  Up 3 hours, 25 minutes, 39 seconds Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02c7.3dc5.48ec (bia 02c7.3dc5.48ec)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 16 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.1/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 39 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.101/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 33 seconds Vlan4093 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 36 seconds Vlan4094 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 36 seconds Vxlan1 is up, line protocol is up (connected)  Hardware is Vxlan  Source interface is Loopback0 and is active with 11.201.0.1  Replication/Flood Mode is headend with Flood List Source: CLI  Remote MAC learning is disabled  VNI mapping to VLANs  Static VLAN to VNI mapping is   Dynamic VLAN to VNI mapping for 'evpn' is  [4093, 101] [4094, 102]   Note: All Dynamic VLANs used by VCS are internal VLANs.  Use 'show vxlan vni' for details.  Static VRF to VNI mapping is   [default, 101]  [prod, 102]  MLAG Shared Router MAC is 0000.0000.0000 . |

### 12.8.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 114 |
| Name | test\_interface\_utilization\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show interfaces |
| Expected output | [True, True, True, True] |
| Actual output | [True, True, True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| input bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.00022269876769056272|. THEN test case result is |True|.  TEST if interface |Ethernet1| output bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.0004855412537751039|. THEN test case result is |True|.  TEST if interface |Ethernet2| input bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |5.63660504588976e-08|. THEN test case result is |True|.  TEST if interface |Ethernet2| output bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |1.9731702842626057e-05|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 068a.f2da.dab0 (bia 068a.f2da.dab0)  Internet address is 11.201.15.101/25  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 5 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.5 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 48.6 kbps (- with framing overhead), 26 packets/sec  305598 packets input, 37504779 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  347743 packets output, 72056086 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06e3.0711.dc7c (bia 06e3.0711.dc7c)  Internet address is 11.201.15.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 6 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 6 bps (- with framing overhead), 0 packets/sec  5 minutes output rate 1.97 kbps (- with framing overhead), 4 packets/sec  227 packets input, 9534 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  49883 packets output, 3041323 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet2.102 is up, line protocol is up (connected)  Hardware is Subinterface, address is 06e3.0711.dc7c  Internet address is 11.201.15.201/25  Broadcast address is 255.255.255.255  IP MTU 9000 bytes (default)  Up 3 hours, 25 minutes, 23 seconds Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 068a.f245.1896 (bia 068a.f245.1896)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 3 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.2/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 24 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.102/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 27 seconds Vlan4093 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 20 seconds Vlan4094 is down, line protocol is lowerlayerdown (notconnect)  Hardware is Vlan, address is 0000.0000.0000 (bia 0000.0000.0000)  IP MTU 9164 bytes (default)  Down 3 hours, 25 minutes, 20 seconds Vxlan1 is up, line protocol is up (connected)  Hardware is Vxlan  Source interface is Loopback0 and is active with 11.201.0.2  Replication/Flood Mode is headend with Flood List Source: CLI  Remote MAC learning is disabled  VNI mapping to VLANs  Static VLAN to VNI mapping is   Dynamic VLAN to VNI mapping for 'evpn' is  [4093, 101] [4094, 102]   Note: All Dynamic VLANs used by VCS are internal VLANs.  Use 'show vxlan vni' for details.  Static VRF to VNI mapping is   [default, 101]  [prod, 102]  MLAG Shared Router MAC is 0000.0000.0000 . |

### 12.8.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 115 |
| Name | test\_interface\_utilization\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show interfaces |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| input bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.0002151979726812575|. THEN test case result is |True|.  TEST if interface |Ethernet1| output bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.0004416973479530724|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02df.de91.1b6c (bia 02df.de91.1b6c)  Internet address is 11.201.12.101/24  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 16 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 21.5 kbps (- with framing overhead), 22 packets/sec  5 minutes output rate 44.2 kbps (- with framing overhead), 25 packets/sec  280493 packets input, 34660750 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  317048 packets output, 60852586 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 02df.de50.a8f9 (bia 02df.de50.a8f9)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 14 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.3/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 44 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.103/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 31 seconds . |

### 12.8.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 116 |
| Name | test\_interface\_utilization\_on\_ |
| Description | Verifies interfaces L1 errors (Rx, Giants, Tx, Runts, FCS, Align) |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show interfaces |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| input bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.00022429020990995867|. THEN test case result is |True|.  TEST if interface |Ethernet1| output bw utilization is correct. GIVEN bw utilization is |70|. WHEN bw utilization is |0.0004550544382266387|. THEN test case result is |True|.  OUTPUT of |show interfaces| is :  Ethernet1 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06aa.1ae9.e132 (bia 06aa.1ae9.e132)  Internet address is 11.201.13.101/24  Broadcast address is 255.255.255.255  Address determined by DHCP  IP MTU 1500 bytes (default)  Full-duplex, Unconfigured, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 14 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 22.6 kbps (- with framing overhead), 23 packets/sec  5 minutes output rate 45.6 kbps (- with framing overhead), 26 packets/sec  279673 packets input, 34574507 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  316640 packets output, 60425893 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Ethernet100 is up, line protocol is up (connected)  Hardware is Ethernet, address is 06aa.1af7.287f (bia 06aa.1af7.287f)  Internet address is 11.201.8.1/22  Broadcast address is 255.255.255.255  IP MTU 1400 bytes , BW 10000000 kbit  Full-duplex, 10Gb/s, auto negotiation: off, uni-link: n/a  Up 3 hours, 28 minutes, 12 seconds  Loopback Mode : None  3 link status changes since last clear  Last clearing of "show interface" counters never  5 minutes input rate 0 bps (0.0% with framing overhead), 0 packets/sec  5 minutes output rate 0 bps (0.0% with framing overhead), 0 packets/sec  0 packets input, 0 bytes  Received 0 broadcasts, 0 multicast  0 runts, 0 giants  0 input errors, 0 CRC, 0 alignment, 0 symbol, 0 input discards  0 PAUSE input  0 packets output, 0 bytes  Sent 0 broadcasts, 0 multicast  0 output errors, 0 collisions  0 late collision, 0 deferred, 0 output discards  0 PAUSE output Loopback0 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 11.201.0.4/32  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 25 minutes, 36 seconds Loopback10 is up, line protocol is up (connected)  Hardware is Loopback  Internet address is 198.18.0.104/24  Broadcast address is 255.255.255.255  IP MTU 65535 bytes (default)  Up 3 hours, 28 minutes, 28 seconds . |

# 13. Detailed Test Suite Results: Lldp

## 13.1 Test Case: Test if lldp interface id is correct

### 13.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 117 |
| Name | test\_if\_lldp\_interface\_id\_is\_correct\_on\_ |
| Description | Verify show lldp local-info interfaceIdType is correct |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show lldp local-info |
| Expected output | ['interfaceName', 'interfaceName'] |
| Actual output | ['interfaceName', 'interfaceName'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if kg-topology-CloudEOSEdge1 LLDP interfaceIdType is correct on interface |Ethernet1|. GIVEN LLDP interfaceIdType is |interfaceName|. WHEN LLDP interfaceIdType is |interfaceName|. THEN test case result is |True|.   TEST if kg-topology-CloudEOSEdge1 LLDP interfaceIdType is correct on interface |Ethernet2|. GIVEN LLDP interfaceIdType is |interfaceName|. WHEN LLDP interfaceIdType is |interfaceName|. THEN test case result is |True|.  OUTPUT of |show lldp local-info| is :  . |

### 13.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 118 |
| Name | test\_if\_lldp\_interface\_id\_is\_correct\_on\_ |
| Description | Verify show lldp local-info interfaceIdType is correct |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show lldp local-info |
| Expected output | ['interfaceName', 'interfaceName'] |
| Actual output | ['interfaceName', 'interfaceName'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if kg-topology-CloudEOSEdge2 LLDP interfaceIdType is correct on interface |Ethernet1|. GIVEN LLDP interfaceIdType is |interfaceName|. WHEN LLDP interfaceIdType is |interfaceName|. THEN test case result is |True|.   TEST if kg-topology-CloudEOSEdge2 LLDP interfaceIdType is correct on interface |Ethernet2|. GIVEN LLDP interfaceIdType is |interfaceName|. WHEN LLDP interfaceIdType is |interfaceName|. THEN test case result is |True|.  OUTPUT of |show lldp local-info| is :  . |

### 13.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 119 |
| Name | test\_if\_lldp\_interface\_id\_is\_correct\_on\_ |
| Description | Verify show lldp local-info interfaceIdType is correct |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show lldp local-info |
| Expected output | ['interfaceName'] |
| Actual output | ['interfaceName'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if kg-topology-CloudEosRR1 LLDP interfaceIdType is correct on interface |Ethernet1|. GIVEN LLDP interfaceIdType is |interfaceName|. WHEN LLDP interfaceIdType is |interfaceName|. THEN test case result is |True|.  OUTPUT of |show lldp local-info| is :  . |

### 13.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 120 |
| Name | test\_if\_lldp\_interface\_id\_is\_correct\_on\_ |
| Description | Verify show lldp local-info interfaceIdType is correct |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show lldp local-info |
| Expected output | ['interfaceName'] |
| Actual output | ['interfaceName'] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if kg-topology-CloudEosRR2 LLDP interfaceIdType is correct on interface |Ethernet1|. GIVEN LLDP interfaceIdType is |interfaceName|. WHEN LLDP interfaceIdType is |interfaceName|. THEN test case result is |True|.  OUTPUT of |show lldp local-info| is :  . |

## 13.2 Test Case: Test if lldp max frame size is correct

### 13.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 121 |
| Name | test\_if\_lldp\_max\_frame\_size\_is\_correct\_on\_ |
| Description | Verify show lldp local-info maxFrameSize is correct |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show lldp local-info |
| Expected output | [10200, 10200] |
| Actual output | [9236, 9236] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|.  On interface |Ethernet2|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| Comment | TEST if |kg-topology-CloudEOSEdge1| LLDP maxFrameSize is correct on interface |Ethernet1|. GIVEN LLDP maxFrameSize is |10200|. WHEN LLDP maxFrameSize is |9236|. THEN test case result is |False|.  TEST if |kg-topology-CloudEOSEdge1| LLDP maxFrameSize is correct on interface |Ethernet2|. GIVEN LLDP maxFrameSize is |10200|. WHEN LLDP maxFrameSize is |9236|. THEN test case result is |False|.  OUTPUT of |show lldp local-info| is :  . |

### 13.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 122 |
| Name | test\_if\_lldp\_max\_frame\_size\_is\_correct\_on\_ |
| Description | Verify show lldp local-info maxFrameSize is correct |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show lldp local-info |
| Expected output | [10200, 10200] |
| Actual output | [9236, 9236] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|.  On interface |Ethernet2|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| Comment | TEST if |kg-topology-CloudEOSEdge2| LLDP maxFrameSize is correct on interface |Ethernet1|. GIVEN LLDP maxFrameSize is |10200|. WHEN LLDP maxFrameSize is |9236|. THEN test case result is |False|.  TEST if |kg-topology-CloudEOSEdge2| LLDP maxFrameSize is correct on interface |Ethernet2|. GIVEN LLDP maxFrameSize is |10200|. WHEN LLDP maxFrameSize is |9236|. THEN test case result is |False|.  OUTPUT of |show lldp local-info| is :  . |

### 13.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 123 |
| Name | test\_if\_lldp\_max\_frame\_size\_is\_correct\_on\_ |
| Description | Verify show lldp local-info maxFrameSize is correct |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show lldp local-info |
| Expected output | [10200] |
| Actual output | [9236] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| Comment | TEST if |kg-topology-CloudEosRR1| LLDP maxFrameSize is correct on interface |Ethernet1|. GIVEN LLDP maxFrameSize is |10200|. WHEN LLDP maxFrameSize is |9236|. THEN test case result is |False|.  OUTPUT of |show lldp local-info| is :  . |

### 13.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 124 |
| Name | test\_if\_lldp\_max\_frame\_size\_is\_correct\_on\_ |
| Description | Verify show lldp local-info maxFrameSize is correct |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show lldp local-info |
| Expected output | [10200] |
| Actual output | [9236] |
| Test result | False |
| Fail reason | On interface |Ethernet1|: LLDP local-info maxFrameSize is |9236|, correct maxFrameSize is |10200|. |
| Comment | TEST if |kg-topology-CloudEosRR2| LLDP maxFrameSize is correct on interface |Ethernet1|. GIVEN LLDP maxFrameSize is |10200|. WHEN LLDP maxFrameSize is |9236|. THEN test case result is |False|.  OUTPUT of |show lldp local-info| is :  . |

## 13.3 Test Case: Test if lldp rx is enabled

### 13.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 125 |
| Name | test\_if\_lldp\_rx\_is\_enabled\_on\_ |
| Description | Verify LLDP receive is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show lldp |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEOSEdge1|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  TEST if interface |Ethernet2| LLDP receive is enabled on |kg-topology-CloudEOSEdge1|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et2 Yes Yes  Et100 Yes Yes   . |

### 13.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 126 |
| Name | test\_if\_lldp\_rx\_is\_enabled\_on\_ |
| Description | Verify LLDP receive is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show lldp |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEOSEdge2|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  TEST if interface |Ethernet2| LLDP receive is enabled on |kg-topology-CloudEOSEdge2|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et2 Yes Yes  Et100 Yes Yes   . |

### 13.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 127 |
| Name | test\_if\_lldp\_rx\_is\_enabled\_on\_ |
| Description | Verify LLDP receive is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show lldp |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEosRR1|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et100 Yes Yes   . |

### 13.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 128 |
| Name | test\_if\_lldp\_rx\_is\_enabled\_on\_ |
| Description | Verify LLDP receive is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show lldp |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEosRR2|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et100 Yes Yes   . |

## 13.4 Test Case: Test if lldp system name is correct

### 13.4.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 129 |
| Name | test\_if\_lldp\_system\_name\_is\_correct\_on\_ |
| Description | Verify show lldp local-info hostname is the system's name |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show lldp local-info |
| Expected output | kg-topology-CloudEOSEdge1 |
| Actual output | kg-topology-CloudEOSEdge1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if lldp system name matches hostname on dut kg-topology-CloudEOSEdge1. GIVEN hostname is |kg-topology-CloudEOSEdge1|. WHEN LLDP system name is |kg-topology-CloudEOSEdge1|. THEN test case result is |True|. OUTPUT of |show lldp local-info| is: |

### 13.4.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 130 |
| Name | test\_if\_lldp\_system\_name\_is\_correct\_on\_ |
| Description | Verify show lldp local-info hostname is the system's name |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show lldp local-info |
| Expected output | kg-topology-CloudEOSEdge2 |
| Actual output | kg-topology-CloudEOSEdge2 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if lldp system name matches hostname on dut kg-topology-CloudEOSEdge2. GIVEN hostname is |kg-topology-CloudEOSEdge2|. WHEN LLDP system name is |kg-topology-CloudEOSEdge2|. THEN test case result is |True|. OUTPUT of |show lldp local-info| is: |

### 13.4.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 131 |
| Name | test\_if\_lldp\_system\_name\_is\_correct\_on\_ |
| Description | Verify show lldp local-info hostname is the system's name |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show lldp local-info |
| Expected output | kg-topology-CloudEosRR1 |
| Actual output | kg-topology-CloudEosRR1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if lldp system name matches hostname on dut kg-topology-CloudEosRR1. GIVEN hostname is |kg-topology-CloudEosRR1|. WHEN LLDP system name is |kg-topology-CloudEosRR1|. THEN test case result is |True|. OUTPUT of |show lldp local-info| is: |

### 13.4.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 132 |
| Name | test\_if\_lldp\_system\_name\_is\_correct\_on\_ |
| Description | Verify show lldp local-info hostname is the system's name |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show lldp local-info |
| Expected output | kg-topology-CloudEosRR2 |
| Actual output | kg-topology-CloudEosRR2 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if lldp system name matches hostname on dut kg-topology-CloudEosRR2. GIVEN hostname is |kg-topology-CloudEosRR2|. WHEN LLDP system name is |kg-topology-CloudEosRR2|. THEN test case result is |True|. OUTPUT of |show lldp local-info| is: |

## 13.5 Test Case: Test if lldp tx is enabled

### 13.5.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 133 |
| Name | test\_if\_lldp\_tx\_is\_enabled\_on\_ |
| Description | Verify LLDP transmit is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show lldp |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEOSEdge1|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  TEST if interface |Ethernet2| LLDP receive is enabled on |kg-topology-CloudEOSEdge1|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et2 Yes Yes  Et100 Yes Yes   . |

### 13.5.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 134 |
| Name | test\_if\_lldp\_tx\_is\_enabled\_on\_ |
| Description | Verify LLDP transmit is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show lldp |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEOSEdge2|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  TEST if interface |Ethernet2| LLDP receive is enabled on |kg-topology-CloudEOSEdge2|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et2 Yes Yes  Et100 Yes Yes   . |

### 13.5.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 135 |
| Name | test\_if\_lldp\_tx\_is\_enabled\_on\_ |
| Description | Verify LLDP transmit is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show lldp |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEosRR1|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et100 Yes Yes   . |

### 13.5.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 136 |
| Name | test\_if\_lldp\_tx\_is\_enabled\_on\_ |
| Description | Verify LLDP transmit is enabled on interesting interfaces |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show lldp |
| Expected output | [True] |
| Actual output | [True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST if interface |Ethernet1| LLDP receive is enabled on |kg-topology-CloudEosRR2|. GIVEN LLDP receive state is |True|. WHEN LLDP receive state is |True|. THEN test case result is |True|.  OUTPUT of |show lldp| is :  LLDP transmit interval : 30 seconds LLDP transmit holdtime : 120 seconds LLDP reinitialization delay : 2 seconds LLDP Management Address VRF : default  Enabled optional TLVs:  Port Description  System Name  System Description  System Capabilities  Management Address (best)  IEEE802.1 Port VLAN ID  IEEE802.3 Link Aggregation  IEEE802.3 Maximum Frame Size  IEEE802.3 Power Via MDI  LLDP-MED Capabilities  LLDP-MED Network Policy  Port Tx Enabled Rx Enabled  ----------- ---------------- ----------  Et1 Yes Yes  Et100 Yes Yes   . |

# 14. Detailed Test Suite Results: Logging

## 14.1 Test Case: Test if log messages appear

### 14.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 137 |
| Name | test\_if\_log\_messages\_appear\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show logging |
| Expected output | [False, False, False, False, False] |
| Actual output | [False, False, False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | Test for log message |critical| on |kg-topology-CloudEOSEdge1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |warning| on |kg-topology-CloudEOSEdge1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |ECC| on |kg-topology-CloudEOSEdge1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |servers errors| on |kg-topology-CloudEOSEdge1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |parity| on |kg-topology-CloudEOSEdge1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  OUTPUT of |show logging| is :  Syslog logging: enabled  Buffer logging: level debugging  Console logging: level errors  Persistent logging: disabled  Monitor logging: level errors  Synchronous logging: disabled  Trap logging: level informational  Sequence numbers: disabled  Syslog facility: local4  Hostname format: Hostname only  Repeat logging interval: disabled  Repeat messages: disabled  Facility Severity Effective Severity -------------------- ------------- ------------------ aaa debugging debugging  accounting debugging debugging  acl debugging debugging  agent debugging debugging  ale debugging debugging  arp debugging debugging  bfd debugging debugging  bgp debugging debugging  bmp debugging debugging  capacity debugging debugging  capi debugging debugging  clear debugging debugging  cvx debugging debugging  dataplane debugging debugging  dhcp debugging debugging  dot1x debugging debugging  dscp debugging debugging  envmon debugging debugging  eth debugging debugging  eventmon debugging debugging  extension debugging debugging  fhrp debugging debugging  flow debugging debugging  forwarding debugging debugging  fru debugging debugging  fwk debugging debugging  gmp debugging debugging  hardware debugging debugging  health debugging debugging  httpservice debugging debugging  igmp debugging debugging  igmpsnooping debugging debugging  int debugging debugging  intf debugging debugging  ip6routing debugging debugging  iprib debugging debugging  ira debugging debugging  isis debugging debugging  kernelfib debugging debugging  lacp debugging debugging  lag debugging debugging  launcher debugging debugging  ldp debugging debugging  license debugging debugging  lineproto debugging debugging  lldp debugging debugging  loadbalancer debugging debugging  logmgr debugging debugging  loopback debugging debugging  loopprotect debugging debugging  mapreducemonitor debugging debugging  mcs debugging debugging  mirroring debugging debugging  mka debugging debugging  mlag debugging debugging  mldsnooping debugging debugging  mmode debugging debugging  mroute debugging debugging  mrp debugging debugging  msdp debugging debugging  msrp debugging debugging  msspolicymonitor debugging debugging  mvrp debugging debugging  nat debugging debugging  openconfig debugging debugging  openflow debugging debugging  ospf debugging debugging  ospf3 debugging debugging  package debugging debugging  pfc debugging debugging  pimbsr debugging debugging  portsecurity debugging debugging  ptp debugging debugging  pwrmgmt debugging debugging  qos debugging debugging  queuemonitor debugging debugging  radius debugging debugging  redundancy debugging debugging  rib debugging debugging  routing debugging debugging  security debugging debugging  servermonitor debugging debugging  spantree debugging debugging  sso debugging debugging  stagemgr debugging debugging  sys debugging debugging  sysdb debugging debugging  tapagg debugging debugging  tcp debugging debugging  transceiver debugging debugging  tunnel debugging debugging  tunnelintf debugging debugging  vmtracersess debugging debugging  vmwarevi debugging debugging  vmwarevs debugging debugging  vrf debugging debugging  vrrp debugging debugging  vxlan debugging debugging  xmpp debugging debugging  ztp debugging debugging   Log Buffer: Oct 9 16:33:07 kg-topology-CloudEOSEdge1 Launcher: %LAUNCHER-6-PROCESS\_START: Configuring process 'CapiApp' to start in role 'ActiveSupervisor' Oct 9 16:33:07 kg-topology-CloudEOSEdge1 ProcMgr-worker: %PROCMGR-6-WORKER\_WARMSTART: ProcMgr worker warm start. (PID=1244) Oct 9 16:33:07 kg-topology-CloudEOSEdge1 ProcMgr-worker: %PROCMGR-7-NEW\_PROCESSES: New processes configured to run under ProcMgr control: ['CapiApp'] Oct 9 16:33:07 kg-topology-CloudEOSEdge1 ProcMgr-worker: %PROCMGR-7-PROCESSES\_ADOPTED: ProcMgr (PID=1244) adopted running processes: (BgpCliHelper, PID=1920) (AgentMonitor, PID=1795) (Tunnel, PID=1798) (Aaa, PID=1799) (ConnectedRoute, PID=1928) (StpTopology, PID=1802) (Acl, PID=1806) (RouteInput, PID=1935) (Stp, PID=1809) (KernelNetworkInfo, PID=1811) (Bgp, PID=1940) (Nat, PID=3353) (McastCommon6, PID=1816) (PortSec, PID=1732) (LacpTxAgent, PID=1820) (Vxlan, PID=3357) (Sfe, PID=1950) (Ira, PID=1776) (Arp, PID=1826) (LicenseManager, PID=2467) (Ipsec, PID=2725) (KernelFib, PID=1830) (VxlanSwFwd, PID=3369) (Qos, PID=1834) (Thermostat, PID=1837) (L2Rib, PID=1841) (TopoAgent, PID=1850) (Lldp, PID=1725) (McastCommon, PID=1726) (PowerFuse, PID=1855) (PowerManager, PID=1858) (SlabMonitor, PID=1476) (Sysdb, PID=1477) (Ebra, PID=1864) (TerminAttr, PID=1737) (ReloadCauseAgent, PID=1869) (EventMgr, PID=1784) (SharedSecretProfile, PID=1876) (Fru, PID=1522) (Bfd, PID=1754) (Lag, PID=1758) (IgmpSnooping, PID=1889) (SuperServer, PID=1765) (StageMgr, PID=1519) (ConfigAgent, PID=1520) (StaticRoute, PID=1906) (Launcher, PID=1523) (LedPolicy, PID=1782) (IpRib, PID=1912) (Fhrp, PID=3519) (StpTxRx, PID=1788) (StandbyCpld, PID=1791) Oct 9 16:33:07 kg-topology-CloudEOSEdge1 ProcMgr-worker: %PROCMGR-7-WORKER\_WARMSTART\_DONE: ProcMgr worker warm start done. (PID=1244) Oct 9 16:33:07 kg-topology-CloudEOSEdge1 ProcMgr-worker: %PROCMGR-6-PROCESS\_STARTED: 'CapiApp' starting with PID=4884 (PPID=1244) -- execing '/usr/bin/CapiApp' Oct 9 16:33:07 kg-topology-CloudEOSEdge1 CapiApp: %AGENT-6-INITIALIZED: Agent 'CapiApp' initialized; pid=4886 Oct 9 16:33:13 kg-topology-CloudEOSEdge1 ConfigAgent: %SYS-5-CONFIG\_I: Configured from console by kgrozis on vty3 (173.79.124.35) Oct 9 16:33:15 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: sshd] Oct 9 16:33:19 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:33:19 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:33:19 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:33:20 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:52:34 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:52:44 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 16:53:03 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:53:23 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 17:00:26 kg-topology-CloudEOSEdge1 Aaa: %AAA-4-LOGIN\_FAILED: user admin failed to login [from: 95.86.237.158] [service: sshd] [reason: Authentication failed - Bad user] Oct 9 17:00:32 kg-topology-CloudEOSEdge1 Aaa: %AAA-4-LOGIN\_FAILED: user admin failed to login [from: 95.86.237.158] [service: sshd] [reason: Authentication failed - Bad user] Oct 9 19:30:33 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:39 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:53 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:59 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:18 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:24 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:37 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:43 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:49 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:55 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:36:59 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:37:05 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:38:58 kg-topology-CloudEOSEdge1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] . |

### 14.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 138 |
| Name | test\_if\_log\_messages\_appear\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show logging |
| Expected output | [False, False, False, False, False] |
| Actual output | [False, False, False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | Test for log message |critical| on |kg-topology-CloudEOSEdge2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |warning| on |kg-topology-CloudEOSEdge2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |ECC| on |kg-topology-CloudEOSEdge2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |servers errors| on |kg-topology-CloudEOSEdge2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |parity| on |kg-topology-CloudEOSEdge2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  OUTPUT of |show logging| is :  Syslog logging: enabled  Buffer logging: level debugging  Console logging: level errors  Persistent logging: disabled  Monitor logging: level errors  Synchronous logging: disabled  Trap logging: level informational  Sequence numbers: disabled  Syslog facility: local4  Hostname format: Hostname only  Repeat logging interval: disabled  Repeat messages: disabled  Facility Severity Effective Severity -------------------- ------------- ------------------ aaa debugging debugging  accounting debugging debugging  acl debugging debugging  agent debugging debugging  ale debugging debugging  arp debugging debugging  bfd debugging debugging  bgp debugging debugging  bmp debugging debugging  capacity debugging debugging  capi debugging debugging  clear debugging debugging  cvx debugging debugging  dataplane debugging debugging  dhcp debugging debugging  dot1x debugging debugging  dscp debugging debugging  envmon debugging debugging  eth debugging debugging  eventmon debugging debugging  extension debugging debugging  fhrp debugging debugging  flow debugging debugging  forwarding debugging debugging  fru debugging debugging  fwk debugging debugging  gmp debugging debugging  hardware debugging debugging  health debugging debugging  httpservice debugging debugging  igmp debugging debugging  igmpsnooping debugging debugging  int debugging debugging  intf debugging debugging  ip6routing debugging debugging  iprib debugging debugging  ira debugging debugging  isis debugging debugging  kernelfib debugging debugging  lacp debugging debugging  lag debugging debugging  launcher debugging debugging  ldp debugging debugging  license debugging debugging  lineproto debugging debugging  lldp debugging debugging  loadbalancer debugging debugging  logmgr debugging debugging  loopback debugging debugging  loopprotect debugging debugging  mapreducemonitor debugging debugging  mcs debugging debugging  mirroring debugging debugging  mka debugging debugging  mlag debugging debugging  mldsnooping debugging debugging  mmode debugging debugging  mroute debugging debugging  mrp debugging debugging  msdp debugging debugging  msrp debugging debugging  msspolicymonitor debugging debugging  mvrp debugging debugging  nat debugging debugging  openconfig debugging debugging  openflow debugging debugging  ospf debugging debugging  ospf3 debugging debugging  package debugging debugging  pfc debugging debugging  pimbsr debugging debugging  portsecurity debugging debugging  ptp debugging debugging  pwrmgmt debugging debugging  qos debugging debugging  queuemonitor debugging debugging  radius debugging debugging  redundancy debugging debugging  rib debugging debugging  routing debugging debugging  security debugging debugging  servermonitor debugging debugging  spantree debugging debugging  sso debugging debugging  stagemgr debugging debugging  sys debugging debugging  sysdb debugging debugging  tapagg debugging debugging  tcp debugging debugging  transceiver debugging debugging  tunnel debugging debugging  tunnelintf debugging debugging  vmtracersess debugging debugging  vmwarevi debugging debugging  vmwarevs debugging debugging  vrf debugging debugging  vrrp debugging debugging  vxlan debugging debugging  xmpp debugging debugging  ztp debugging debugging   Log Buffer: Oct 9 16:33:39 kg-topology-CloudEOSEdge2 Launcher: %LAUNCHER-6-PROCESS\_START: Configuring process 'CapiApp' to start in role 'ActiveSupervisor' Oct 9 16:33:39 kg-topology-CloudEOSEdge2 ProcMgr-worker: %PROCMGR-6-WORKER\_WARMSTART: ProcMgr worker warm start. (PID=1232) Oct 9 16:33:39 kg-topology-CloudEOSEdge2 ProcMgr-worker: %PROCMGR-7-NEW\_PROCESSES: New processes configured to run under ProcMgr control: ['CapiApp'] Oct 9 16:33:39 kg-topology-CloudEOSEdge2 ProcMgr-worker: %PROCMGR-7-PROCESSES\_ADOPTED: ProcMgr (PID=1232) adopted running processes: (Tunnel, PID=1792) (IgmpSnooping, PID=1984) (Aaa, PID=1795) (StpTopology, PID=1797) (L2Rib, PID=1921) (Acl, PID=1802) (PowerFuse, PID=1931) (Bgp, PID=2064) (PowerManager, PID=1938) (Vxlan, PID=3348) (Fhrp, PID=3568) (Ebra, PID=1946) (Stp, PID=1819) (TopoAgent, PID=1925) (Ipsec, PID=2672) (KernelNetworkInfo, PID=1841) (ReloadCauseAgent, PID=1963) (ConfigAgent, PID=1580) (Sfe, PID=2094) (Fru, PID=1583) (StaticRoute, PID=1992) (Lldp, PID=1714) (SharedSecretProfile, PID=1971) (McastCommon, PID=1721) (McastCommon6, PID=1850) (Bfd, PID=1759) (PortSec, PID=1728) (StageMgr, PID=1579) (RouteInput, PID=2048) (LacpTxAgent, PID=1864) (TerminAttr, PID=1738) (Arp, PID=1880) (IpRib, PID=2011) (SlabMonitor, PID=1502) (Sysdb, PID=1503) (LicenseManager, PID=2576) (Lag, PID=1763) (BgpCliHelper, PID=2023) (AgentMonitor, PID=1788) (Ira, PID=1770) (SuperServer, PID=1767) (ConnectedRoute, PID=2028) (LedPolicy, PID=1773) (KernelFib, PID=1904) (EventMgr, PID=1777) (StpTxRx, PID=1780) (Launcher, PID=1585) (VxlanSwFwd, PID=3447) (StandbyCpld, PID=1784) (Qos, PID=1913) (Thermostat, PID=1916) (Nat, PID=3325) Oct 9 16:33:39 kg-topology-CloudEOSEdge2 ProcMgr-worker: %PROCMGR-7-WORKER\_WARMSTART\_DONE: ProcMgr worker warm start done. (PID=1232) Oct 9 16:33:39 kg-topology-CloudEOSEdge2 ProcMgr-worker: %PROCMGR-6-PROCESS\_STARTED: 'CapiApp' starting with PID=4966 (PPID=1232) -- execing '/usr/bin/CapiApp' Oct 9 16:33:39 kg-topology-CloudEOSEdge2 CapiApp: %AGENT-6-INITIALIZED: Agent 'CapiApp' initialized; pid=4968 Oct 9 16:33:42 kg-topology-CloudEOSEdge2 ConfigAgent: %SYS-5-CONFIG\_I: Configured from console by kgrozis on vty5 (173.79.124.35) Oct 9 16:33:51 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:33:51 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:33:51 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:33:51 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:49:44 kg-topology-CloudEOSEdge2 ConfigAgent: %SYS-5-CONFIG\_E: Enter configuration mode from console by kgrozis on vty5 (173.79.124.35) Oct 9 16:52:05 kg-topology-CloudEOSEdge2 ConfigAgent: %SYS-5-CONFIG\_I: Configured from console by kgrozis on vty5 (173.79.124.35) Oct 9 16:52:07 kg-topology-CloudEOSEdge2 ConfigAgent: %SYS-5-CONFIG\_STARTUP: Startup config saved from system:/running-config by kgrozis on vty5 (173.79.124.35). Oct 9 16:52:34 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:52:45 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 16:53:14 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:53:28 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:33 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:39 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:53 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:59 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:18 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:24 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:37 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:43 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:49 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:55 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:36:59 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:37:05 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:38:58 kg-topology-CloudEOSEdge2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] . |

### 14.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 139 |
| Name | test\_if\_log\_messages\_appear\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show logging |
| Expected output | [False, False, False, False, False] |
| Actual output | [False, False, False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | Test for log message |critical| on |kg-topology-CloudEosRR1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |warning| on |kg-topology-CloudEosRR1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |ECC| on |kg-topology-CloudEosRR1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |servers errors| on |kg-topology-CloudEosRR1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |parity| on |kg-topology-CloudEosRR1|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  OUTPUT of |show logging| is :  Syslog logging: enabled  Buffer logging: level debugging  Console logging: level errors  Persistent logging: disabled  Monitor logging: level errors  Synchronous logging: disabled  Trap logging: level informational  Sequence numbers: disabled  Syslog facility: local4  Hostname format: Hostname only  Repeat logging interval: disabled  Repeat messages: disabled  Facility Severity Effective Severity -------------------- ------------- ------------------ aaa debugging debugging  accounting debugging debugging  acl debugging debugging  agent debugging debugging  ale debugging debugging  arp debugging debugging  bfd debugging debugging  bgp debugging debugging  bmp debugging debugging  capacity debugging debugging  capi debugging debugging  clear debugging debugging  cvx debugging debugging  dataplane debugging debugging  dhcp debugging debugging  dot1x debugging debugging  dscp debugging debugging  envmon debugging debugging  eth debugging debugging  eventmon debugging debugging  extension debugging debugging  fhrp debugging debugging  flow debugging debugging  forwarding debugging debugging  fru debugging debugging  fwk debugging debugging  gmp debugging debugging  hardware debugging debugging  health debugging debugging  httpservice debugging debugging  igmp debugging debugging  igmpsnooping debugging debugging  int debugging debugging  intf debugging debugging  ip6routing debugging debugging  iprib debugging debugging  ira debugging debugging  isis debugging debugging  kernelfib debugging debugging  lacp debugging debugging  lag debugging debugging  launcher debugging debugging  ldp debugging debugging  license debugging debugging  lineproto debugging debugging  lldp debugging debugging  loadbalancer debugging debugging  logmgr debugging debugging  loopback debugging debugging  loopprotect debugging debugging  mapreducemonitor debugging debugging  mcs debugging debugging  mirroring debugging debugging  mka debugging debugging  mlag debugging debugging  mldsnooping debugging debugging  mmode debugging debugging  mroute debugging debugging  mrp debugging debugging  msdp debugging debugging  msrp debugging debugging  msspolicymonitor debugging debugging  mvrp debugging debugging  nat debugging debugging  openconfig debugging debugging  openflow debugging debugging  ospf debugging debugging  ospf3 debugging debugging  package debugging debugging  pfc debugging debugging  pimbsr debugging debugging  portsecurity debugging debugging  ptp debugging debugging  pwrmgmt debugging debugging  qos debugging debugging  queuemonitor debugging debugging  radius debugging debugging  redundancy debugging debugging  rib debugging debugging  routing debugging debugging  security debugging debugging  servermonitor debugging debugging  spantree debugging debugging  sso debugging debugging  stagemgr debugging debugging  sys debugging debugging  sysdb debugging debugging  tapagg debugging debugging  tcp debugging debugging  transceiver debugging debugging  tunnel debugging debugging  tunnelintf debugging debugging  vmtracersess debugging debugging  vmwarevi debugging debugging  vmwarevs debugging debugging  vrf debugging debugging  vrrp debugging debugging  vxlan debugging debugging  xmpp debugging debugging  ztp debugging debugging   Log Buffer: Oct 9 16:31:21 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: sshd] Oct 9 16:31:25 kg-topology-CloudEosRR1 ConfigAgent: %SYS-5-CONFIG\_E: Enter configuration mode from console by kgrozis on vty3 (173.79.124.35) Oct 9 16:31:39 kg-topology-CloudEosRR1 Launcher: %LAUNCHER-6-PROCESS\_START: Configuring process 'CapiApp' to start in role 'ActiveSupervisor' Oct 9 16:31:39 kg-topology-CloudEosRR1 ProcMgr-worker: %PROCMGR-6-WORKER\_WARMSTART: ProcMgr worker warm start. (PID=1231) Oct 9 16:31:39 kg-topology-CloudEosRR1 ProcMgr-worker: %PROCMGR-7-NEW\_PROCESSES: New processes configured to run under ProcMgr control: ['CapiApp'] Oct 9 16:31:39 kg-topology-CloudEosRR1 ProcMgr-worker: %PROCMGR-7-PROCESSES\_ADOPTED: ProcMgr (PID=1231) adopted running processes: (LacpTxAgent, PID=1792) (Arp, PID=1795) (Sfe, PID=1924) (KernelFib, PID=1798) (StageMgr, PID=1543) (ConfigAgent, PID=1545) (Qos, PID=1803) (Launcher, PID=1548) (TerminAttr, PID=1678) (Thermostat, PID=1808) (L2Rib, PID=1813) (LicenseManager, PID=2420) (TopoAgent, PID=1820) (StaticRoute, PID=1882) (PowerFuse, PID=1823) (PowerManager, PID=1830) (Ebra, PID=1833) (Lldp, PID=1712) (McastCommon, PID=1717) (SlabMonitor, PID=1463) (Sysdb, PID=1464) (ReloadCauseAgent, PID=1849) (PortSec, PID=1722) (Bfd, PID=1725) (Lag, PID=1730) (Fru, PID=1547) (SharedSecretProfile, PID=1861) (SuperServer, PID=1738) (IgmpSnooping, PID=1867) (Ira, PID=1745) (LedPolicy, PID=1748) (Bgp, PID=1913) (RouteInput, PID=1908) (EventMgr, PID=1754) (StpTxRx, PID=1756) (StandbyCpld, PID=1760) (IpRib, PID=1891) (AgentMonitor, PID=1764) (Tunnel, PID=1767) (BgpCliHelper, PID=1897) (Aaa, PID=1770) (StpTopology, PID=1772) (Acl, PID=1774) (ConnectedRoute, PID=1904) (Stp, PID=1780) (Ipsec, PID=2678) (KernelNetworkInfo, PID=1783) (McastCommon6, PID=1785) Oct 9 16:31:39 kg-topology-CloudEosRR1 ProcMgr-worker: %PROCMGR-7-WORKER\_WARMSTART\_DONE: ProcMgr worker warm start done. (PID=1231) Oct 9 16:31:39 kg-topology-CloudEosRR1 ProcMgr-worker: %PROCMGR-6-PROCESS\_STARTED: 'CapiApp' starting with PID=4607 (PPID=1231) -- execing '/usr/bin/CapiApp' Oct 9 16:31:39 kg-topology-CloudEosRR1 CapiApp: %AGENT-6-INITIALIZED: Agent 'CapiApp' initialized; pid=4609 Oct 9 16:31:50 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:31:50 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:31:50 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:31:50 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:31:52 kg-topology-CloudEosRR1 ConfigAgent: %SYS-5-CONFIG\_I: Configured from console by kgrozis on vty3 (173.79.124.35) Oct 9 16:31:53 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: sshd] Oct 9 16:52:34 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:52:44 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 16:52:47 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:53:03 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:33 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:39 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:53 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:59 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:18 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:24 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:37 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:43 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:49 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:55 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:36:59 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:37:05 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:38:58 kg-topology-CloudEosRR1 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] . |

### 14.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 140 |
| Name | test\_if\_log\_messages\_appear\_on\_ |
| Description | Verify local log messages |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show logging |
| Expected output | [False, False, False, False, False] |
| Actual output | [False, False, False, False, False] |
| Test result | True |
| Fail reason |  |
| Comment | Test for log message |critical| on |kg-topology-CloudEosRR2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |warning| on |kg-topology-CloudEosRR2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |ECC| on |kg-topology-CloudEosRR2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |servers errors| on |kg-topology-CloudEosRR2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  Test for log message |parity| on |kg-topology-CloudEosRR2|. GIVEN message presence is |False|. WHEN message presence is |False|. THEN test case result is |True|.  OUTPUT of |show logging| is :  Syslog logging: enabled  Buffer logging: level debugging  Console logging: level errors  Persistent logging: disabled  Monitor logging: level errors  Synchronous logging: disabled  Trap logging: level informational  Sequence numbers: disabled  Syslog facility: local4  Hostname format: Hostname only  Repeat logging interval: disabled  Repeat messages: disabled  Facility Severity Effective Severity -------------------- ------------- ------------------ aaa debugging debugging  accounting debugging debugging  acl debugging debugging  agent debugging debugging  ale debugging debugging  arp debugging debugging  bfd debugging debugging  bgp debugging debugging  bmp debugging debugging  capacity debugging debugging  capi debugging debugging  clear debugging debugging  cvx debugging debugging  dataplane debugging debugging  dhcp debugging debugging  dot1x debugging debugging  dscp debugging debugging  envmon debugging debugging  eth debugging debugging  eventmon debugging debugging  extension debugging debugging  fhrp debugging debugging  flow debugging debugging  forwarding debugging debugging  fru debugging debugging  fwk debugging debugging  gmp debugging debugging  hardware debugging debugging  health debugging debugging  httpservice debugging debugging  igmp debugging debugging  igmpsnooping debugging debugging  int debugging debugging  intf debugging debugging  ip6routing debugging debugging  iprib debugging debugging  ira debugging debugging  isis debugging debugging  kernelfib debugging debugging  lacp debugging debugging  lag debugging debugging  launcher debugging debugging  ldp debugging debugging  license debugging debugging  lineproto debugging debugging  lldp debugging debugging  loadbalancer debugging debugging  logmgr debugging debugging  loopback debugging debugging  loopprotect debugging debugging  mapreducemonitor debugging debugging  mcs debugging debugging  mirroring debugging debugging  mka debugging debugging  mlag debugging debugging  mldsnooping debugging debugging  mmode debugging debugging  mroute debugging debugging  mrp debugging debugging  msdp debugging debugging  msrp debugging debugging  msspolicymonitor debugging debugging  mvrp debugging debugging  nat debugging debugging  openconfig debugging debugging  openflow debugging debugging  ospf debugging debugging  ospf3 debugging debugging  package debugging debugging  pfc debugging debugging  pimbsr debugging debugging  portsecurity debugging debugging  ptp debugging debugging  pwrmgmt debugging debugging  qos debugging debugging  queuemonitor debugging debugging  radius debugging debugging  redundancy debugging debugging  rib debugging debugging  routing debugging debugging  security debugging debugging  servermonitor debugging debugging  spantree debugging debugging  sso debugging debugging  stagemgr debugging debugging  sys debugging debugging  sysdb debugging debugging  tapagg debugging debugging  tcp debugging debugging  transceiver debugging debugging  tunnel debugging debugging  tunnelintf debugging debugging  vmtracersess debugging debugging  vmwarevi debugging debugging  vmwarevs debugging debugging  vrf debugging debugging  vrrp debugging debugging  vxlan debugging debugging  xmpp debugging debugging  ztp debugging debugging   Log Buffer: Oct 9 16:32:34 kg-topology-CloudEosRR2 Launcher: %LAUNCHER-6-PROCESS\_START: Configuring process 'CapiApp' to start in role 'ActiveSupervisor' Oct 9 16:32:34 kg-topology-CloudEosRR2 ProcMgr-worker: %PROCMGR-6-WORKER\_WARMSTART: ProcMgr worker warm start. (PID=1220) Oct 9 16:32:34 kg-topology-CloudEosRR2 ProcMgr-worker: %PROCMGR-7-NEW\_PROCESSES: New processes configured to run under ProcMgr control: ['CapiApp'] Oct 9 16:32:34 kg-topology-CloudEosRR2 ProcMgr-worker: %PROCMGR-7-PROCESSES\_ADOPTED: ProcMgr (PID=1220) adopted running processes: (Thermostat, PID=1795) (LicenseManager, PID=2276) (L2Rib, PID=1799) (TopoAgent, PID=1804) (PowerFuse, PID=1811) (PowerManager, PID=1815) (Lldp, PID=1688) (McastCommon, PID=1690) (Ebra, PID=1819) (PortSec, PID=1694) (StageMgr, PID=1568) (ConfigAgent, PID=1569) (ReloadCauseAgent, PID=1826) (Fru, PID=1571) (Launcher, PID=1572) (SharedSecretProfile, PID=1833) (Ipsec, PID=2675) (IgmpSnooping, PID=1840) (Bfd, PID=1714) (RouteInput, PID=1907) (Lag, PID=1719) (SuperServer, PID=1729) (Ira, PID=1734) (Sfe, PID=1864) (LedPolicy, PID=1738) (EventMgr, PID=1741) (StpTxRx, PID=1745) (SlabMonitor, PID=1490) (TerminAttr, PID=1699) (StandbyCpld, PID=1748) (AgentMonitor, PID=1751) (StaticRoute, PID=1881) (Tunnel, PID=1754) (Aaa, PID=1757) (IpRib, PID=1886) (StpTopology, PID=1759) (Acl, PID=1761) (BgpCliHelper, PID=1892) (Stp, PID=1766) (ConnectedRoute, PID=1896) (KernelNetworkInfo, PID=1769) (McastCommon6, PID=1773) (LacpTxAgent, PID=1776) (Sysdb, PID=1491) (Arp, PID=1782) (Bgp, PID=1911) (KernelFib, PID=1787) (Qos, PID=1790) Oct 9 16:32:34 kg-topology-CloudEosRR2 ProcMgr-worker: %PROCMGR-7-WORKER\_WARMSTART\_DONE: ProcMgr worker warm start done. (PID=1220) Oct 9 16:32:34 kg-topology-CloudEosRR2 ProcMgr-worker: %PROCMGR-6-PROCESS\_STARTED: 'CapiApp' starting with PID=4661 (PPID=1220) -- execing '/usr/bin/CapiApp' Oct 9 16:32:34 kg-topology-CloudEosRR2 CapiApp: %AGENT-6-INITIALIZED: Agent 'CapiApp' initialized; pid=4663 Oct 9 16:32:38 kg-topology-CloudEosRR2 ConfigAgent: %SYS-5-CONFIG\_I: Configured from console by kgrozis on vty3 (173.79.124.35) Oct 9 16:32:41 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: sshd] Oct 9 16:32:45 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:32:45 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:32:45 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user cvpsystem logged in [from: localhost] [service: TerminAttr] Oct 9 16:32:46 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user cvpsystem logged out [from: localhost] [service: TerminAttr] Oct 9 16:52:01 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:52:06 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 16:52:34 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:52:44 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 16:52:52 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 16:53:10 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:33 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:39 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:30:53 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:30:59 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:18 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:24 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:37 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:43 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:31:49 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:31:55 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:36:59 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] Oct 9 19:37:05 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGOUT: user kgrozis logged out [from: 173.79.124.35] [service: command-api] Oct 9 19:38:58 kg-topology-CloudEosRR2 Aaa: %AAA-5-LOGIN: user kgrozis logged in [from: 173.79.124.35] [service: command-api] . |

# 15. Detailed Test Suite Results: Api

## 15.1 Test Case: Test if management http api server is running

### 15.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 141 |
| Name | test\_if\_management\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api http server is not running |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTP API running on |kg-topology-CloudEOSEdge1|.  GIVEN HTTP API enabled is |False|. WHEN HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 45 Last hit: 0 seconds ago Bytes in: 18659 Bytes out: 1402372 Requests: 42 Commands: 578 Duration: 30.444 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 42 18659 1402372 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.14.101:443  Ethernet2 : https://11.201.14.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.1:443  Loopback10 : https://198.18.0.101:443 |

### 15.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 142 |
| Name | test\_if\_management\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api http server is not running |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTP API running on |kg-topology-CloudEOSEdge2|.  GIVEN HTTP API enabled is |False|. WHEN HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1567660 Requests: 44 Commands: 624 Duration: 39.568 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1567660 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.15.101:443  Ethernet2 : https://11.201.15.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.2:443  Loopback10 : https://198.18.0.102:443 |

### 15.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 143 |
| Name | test\_if\_management\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api http server is not running |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTP API running on |kg-topology-CloudEosRR1|.  GIVEN HTTP API enabled is |False|. WHEN HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1378199 Requests: 44 Commands: 624 Duration: 33.886 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1378199 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.12.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.3:443  Loopback10 : https://198.18.0.103:443 |

### 15.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 144 |
| Name | test\_if\_management\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api http server is not running |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTP API running on |kg-topology-CloudEosRR2|.  GIVEN HTTP API enabled is |False|. WHEN HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 48 Last hit: 0 seconds ago Bytes in: 20088 Bytes out: 1376753 Requests: 45 Commands: 626 Duration: 32.497 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 45 20088 1376753 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.13.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.4:443  Loopback10 : https://198.18.0.104:443 |

## 15.2 Test Case: Test if management https api server is enabled

### 15.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 145 |
| Name | test\_if\_management\_https\_api\_server\_is\_enabled\_on\_ |
| Description | Verify management api https server is enabled |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API enabled on |kg-topology-CloudEOSEdge1|.  GIVEN HTTPS API enabled is |True|. WHEN HTTPS API enabled is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 45 Last hit: 0 seconds ago Bytes in: 18659 Bytes out: 1402372 Requests: 42 Commands: 578 Duration: 30.444 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 42 18659 1402372 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.14.101:443  Ethernet2 : https://11.201.14.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.1:443  Loopback10 : https://198.18.0.101:443 |

### 15.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 146 |
| Name | test\_if\_management\_https\_api\_server\_is\_enabled\_on\_ |
| Description | Verify management api https server is enabled |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API enabled on |kg-topology-CloudEOSEdge2|.  GIVEN HTTPS API enabled is |True|. WHEN HTTPS API enabled is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1567660 Requests: 44 Commands: 624 Duration: 39.568 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1567660 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.15.101:443  Ethernet2 : https://11.201.15.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.2:443  Loopback10 : https://198.18.0.102:443 |

### 15.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 147 |
| Name | test\_if\_management\_https\_api\_server\_is\_enabled\_on\_ |
| Description | Verify management api https server is enabled |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API enabled on |kg-topology-CloudEosRR1|.  GIVEN HTTPS API enabled is |True|. WHEN HTTPS API enabled is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1378199 Requests: 44 Commands: 624 Duration: 33.886 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1378199 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.12.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.3:443  Loopback10 : https://198.18.0.103:443 |

### 15.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 148 |
| Name | test\_if\_management\_https\_api\_server\_is\_enabled\_on\_ |
| Description | Verify management api https server is enabled |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API enabled on |kg-topology-CloudEosRR2|.  GIVEN HTTPS API enabled is |True|. WHEN HTTPS API enabled is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 48 Last hit: 0 seconds ago Bytes in: 20088 Bytes out: 1376753 Requests: 45 Commands: 626 Duration: 32.497 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 45 20088 1376753 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.13.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.4:443  Loopback10 : https://198.18.0.104:443 |

## 15.3 Test Case: Test if management https api server is running

### 15.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 149 |
| Name | test\_if\_management\_https\_api\_server\_is\_running\_on\_ |
| Description | Verify management api https server is running |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API running on |kg-topology-CloudEOSEdge1|.  GIVEN HTTPS API state is |True|. WHEN HTTPS API state is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 45 Last hit: 0 seconds ago Bytes in: 18659 Bytes out: 1402372 Requests: 42 Commands: 578 Duration: 30.444 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 42 18659 1402372 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.14.101:443  Ethernet2 : https://11.201.14.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.1:443  Loopback10 : https://198.18.0.101:443 |

### 15.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 150 |
| Name | test\_if\_management\_https\_api\_server\_is\_running\_on\_ |
| Description | Verify management api https server is running |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API running on |kg-topology-CloudEOSEdge2|.  GIVEN HTTPS API state is |True|. WHEN HTTPS API state is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1567660 Requests: 44 Commands: 624 Duration: 39.568 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1567660 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.15.101:443  Ethernet2 : https://11.201.15.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.2:443  Loopback10 : https://198.18.0.102:443 |

### 15.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 151 |
| Name | test\_if\_management\_https\_api\_server\_is\_running\_on\_ |
| Description | Verify management api https server is running |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API running on |kg-topology-CloudEosRR1|.  GIVEN HTTPS API state is |True|. WHEN HTTPS API state is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1378199 Requests: 44 Commands: 624 Duration: 33.886 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1378199 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.12.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.3:443  Loopback10 : https://198.18.0.103:443 |

### 15.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 152 |
| Name | test\_if\_management\_https\_api\_server\_is\_running\_on\_ |
| Description | Verify management api https server is running |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show management api http-commands |
| Expected output | True |
| Actual output | True |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API running on |kg-topology-CloudEosRR2|.  GIVEN HTTPS API state is |True|. WHEN HTTPS API state is |True|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 48 Last hit: 0 seconds ago Bytes in: 20088 Bytes out: 1376753 Requests: 45 Commands: 626 Duration: 32.497 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 45 20088 1376753 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.13.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.4:443  Loopback10 : https://198.18.0.104:443 |

## 15.4 Test Case: Test if management https api server port is correct

### 15.4.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 153 |
| Name | test\_if\_management\_https\_api\_server\_port\_is\_correct\_on\_ |
| Description | Verify https server is enabled on port 443 |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show management api http-commands |
| Expected output | 443 |
| Actual output | 443 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API port on |kg-topology-CloudEOSEdge1|.  GIVEN HTTPS API port is |443|. WHEN HTTPS API port is |443|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 45 Last hit: 0 seconds ago Bytes in: 18659 Bytes out: 1402372 Requests: 42 Commands: 578 Duration: 30.444 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 42 18659 1402372 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.14.101:443  Ethernet2 : https://11.201.14.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.1:443  Loopback10 : https://198.18.0.101:443 |

### 15.4.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 154 |
| Name | test\_if\_management\_https\_api\_server\_port\_is\_correct\_on\_ |
| Description | Verify https server is enabled on port 443 |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show management api http-commands |
| Expected output | 443 |
| Actual output | 443 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API port on |kg-topology-CloudEOSEdge2|.  GIVEN HTTPS API port is |443|. WHEN HTTPS API port is |443|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1567660 Requests: 44 Commands: 624 Duration: 39.568 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1567660 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.15.101:443  Ethernet2 : https://11.201.15.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.2:443  Loopback10 : https://198.18.0.102:443 |

### 15.4.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 155 |
| Name | test\_if\_management\_https\_api\_server\_port\_is\_correct\_on\_ |
| Description | Verify https server is enabled on port 443 |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show management api http-commands |
| Expected output | 443 |
| Actual output | 443 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API port on |kg-topology-CloudEosRR1|.  GIVEN HTTPS API port is |443|. WHEN HTTPS API port is |443|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1378199 Requests: 44 Commands: 624 Duration: 33.886 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1378199 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.12.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.3:443  Loopback10 : https://198.18.0.103:443 |

### 15.4.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 156 |
| Name | test\_if\_management\_https\_api\_server\_port\_is\_correct\_on\_ |
| Description | Verify https server is enabled on port 443 |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show management api http-commands |
| Expected output | 443 |
| Actual output | 443 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is HTTPS API port on |kg-topology-CloudEosRR2|.  GIVEN HTTPS API port is |443|. WHEN HTTPS API port is |443|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 48 Last hit: 0 seconds ago Bytes in: 20088 Bytes out: 1376753 Requests: 45 Commands: 626 Duration: 32.497 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 45 20088 1376753 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.13.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.4:443  Loopback10 : https://198.18.0.104:443 |

## 15.5 Test Case: Test if management local http api server is running

### 15.5.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 157 |
| Name | test\_if\_management\_local\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api local httpserver is not running |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is local HTTP API running on |kg-topology-CloudEOSEdge1|.  GIVEN local HTTP API enabled is |False|. WHEN local HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 45 Last hit: 0 seconds ago Bytes in: 18659 Bytes out: 1402372 Requests: 42 Commands: 578 Duration: 30.444 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 42 18659 1402372 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.14.101:443  Ethernet2 : https://11.201.14.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.1:443  Loopback10 : https://198.18.0.101:443 |

### 15.5.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 158 |
| Name | test\_if\_management\_local\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api local httpserver is not running |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is local HTTP API running on |kg-topology-CloudEOSEdge2|.  GIVEN local HTTP API enabled is |False|. WHEN local HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1567660 Requests: 44 Commands: 624 Duration: 39.568 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1567660 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.15.101:443  Ethernet2 : https://11.201.15.201:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.2:443  Loopback10 : https://198.18.0.102:443 |

### 15.5.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 159 |
| Name | test\_if\_management\_local\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api local httpserver is not running |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is local HTTP API running on |kg-topology-CloudEosRR1|.  GIVEN local HTTP API enabled is |False|. WHEN local HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 47 Last hit: 0 seconds ago Bytes in: 19943 Bytes out: 1378199 Requests: 44 Commands: 624 Duration: 33.886 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 44 19943 1378199 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.12.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.3:443  Loopback10 : https://198.18.0.103:443 |

### 15.5.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 160 |
| Name | test\_if\_management\_local\_http\_api\_server\_is\_running\_on\_ |
| Description | Verify management api local httpserver is not running |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show management api http-commands |
| Expected output | False |
| Actual output | False |
| Test result | True |
| Fail reason |  |
| Comment | TEST is local HTTP API running on |kg-topology-CloudEosRR2|.  GIVEN local HTTP API enabled is |False|. WHEN local HTTP API enabled is |False|. THEN test case result is |True|. OUTPUT of |show management api http-commands| is :  Enabled: Yes HTTPS server: running, set to use port 443 HTTP server: shutdown, set to use port 80 Local HTTP server: shutdown, no authentication, set to use port 8080 Unix Socket server: shutdown, no authentication VRFs: default Hits: 48 Last hit: 0 seconds ago Bytes in: 20088 Bytes out: 1376753 Requests: 45 Commands: 626 Duration: 32.497 seconds SSL Profile: none FIPS Mode: No QoS DSCP: 0 Log Level: none CSP Frame Ancestor: None TLS Protocols: 1.0 1.1 1.2  User Requests Bytes in Bytes out Last hit  ------------- -------------- -------------- --------------- -------------   kgrozis 45 20088 1376753 0 seconds ago   URLs  ---------------------------------------  Ethernet1 : https://11.201.13.101:443  Ethernet100 : https://11.201.8.1:443  Loopback0 : https://11.201.0.4:443  Loopback10 : https://198.18.0.104:443 |

# 16. Detailed Test Suite Results: Ntp

## 16.1 Test Case: Test if ntp associated with peers

### 16.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 161 |
| Name | test\_if\_ntp\_associated\_with\_peers\_on\_ |
| Description | Verify ntp peers are correct |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show ntp associations |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP associations with peers on |kg-topology-CloudEOSEdge1|. GIVEN associated are greater than or equal to |1|. WHEN NTP associated peers are |1|. THEN test case result is |True|. OUTPUT of |show ntp associations| is:  remote refid st t when poll reach delay offset jitter ============================================================================== \*169.254.169.123 169.254.169.12 3 l 428 512 377 0.109 0.649 0.198 . |

### 16.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 162 |
| Name | test\_if\_ntp\_associated\_with\_peers\_on\_ |
| Description | Verify ntp peers are correct |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show ntp associations |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP associations with peers on |kg-topology-CloudEOSEdge2|. GIVEN associated are greater than or equal to |1|. WHEN NTP associated peers are |1|. THEN test case result is |True|. OUTPUT of |show ntp associations| is:  remote refid st t when poll reach delay offset jitter ============================================================================== \*169.254.169.123 169.254.169.12 3 l 1034 1024 377 0.152 -0.949 0.482 . |

### 16.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 163 |
| Name | test\_if\_ntp\_associated\_with\_peers\_on\_ |
| Description | Verify ntp peers are correct |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show ntp associations |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP associations with peers on |kg-topology-CloudEosRR1|. GIVEN associated are greater than or equal to |1|. WHEN NTP associated peers are |1|. THEN test case result is |True|. OUTPUT of |show ntp associations| is:  remote refid st t when poll reach delay offset jitter ============================================================================== \*169.254.169.123 169.254.169.12 3 l 457 512 377 0.115 -0.015 0.801 . |

### 16.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 164 |
| Name | test\_if\_ntp\_associated\_with\_peers\_on\_ |
| Description | Verify ntp peers are correct |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show ntp associations |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP associations with peers on |kg-topology-CloudEosRR2|. GIVEN associated are greater than or equal to |1|. WHEN NTP associated peers are |1|. THEN test case result is |True|. OUTPUT of |show ntp associations| is:  remote refid st t when poll reach delay offset jitter ============================================================================== \*169.254.169.123 169.254.169.12 3 l 196 256 377 0.113 0.252 0.135 . |

## 16.2 Test Case: Test if ntp is synchronized

### 16.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 165 |
| Name | test\_if\_ntp\_is\_synchronized\_on\_ |
| Description | Verify ntp is setup and working correctly |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show ntp status |
| Expected output | synchronised |
| Actual output | synchronised |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP synchronized on |kg-topology-CloudEOSEdge1|. GIVEN NTP synchronized is |synchronised|. WHEN NTP synchronized is |synchronised|. THEN test case result is |True|. OUTPUT of |show ntp status| is: synchronised to NTP server (169.254.169.123) at stratum 4  time correct to within 40 ms  polling server every 512 s  . |

### 16.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 166 |
| Name | test\_if\_ntp\_is\_synchronized\_on\_ |
| Description | Verify ntp is setup and working correctly |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show ntp status |
| Expected output | synchronised |
| Actual output | synchronised |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP synchronized on |kg-topology-CloudEOSEdge2|. GIVEN NTP synchronized is |synchronised|. WHEN NTP synchronized is |synchronised|. THEN test case result is |True|. OUTPUT of |show ntp status| is: synchronised to NTP server (169.254.169.123) at stratum 4  time correct to within 25 ms  polling server every 1024 s  . |

### 16.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 167 |
| Name | test\_if\_ntp\_is\_synchronized\_on\_ |
| Description | Verify ntp is setup and working correctly |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show ntp status |
| Expected output | synchronised |
| Actual output | synchronised |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP synchronized on |kg-topology-CloudEosRR1|. GIVEN NTP synchronized is |synchronised|. WHEN NTP synchronized is |synchronised|. THEN test case result is |True|. OUTPUT of |show ntp status| is: synchronised to NTP server (169.254.169.123) at stratum 4  time correct to within 17 ms  polling server every 512 s  . |

### 16.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 168 |
| Name | test\_if\_ntp\_is\_synchronized\_on\_ |
| Description | Verify ntp is setup and working correctly |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show ntp status |
| Expected output | synchronised |
| Actual output | synchronised |
| Test result | True |
| Fail reason |  |
| Comment | TEST is NTP synchronized on |kg-topology-CloudEosRR2|. GIVEN NTP synchronized is |synchronised|. WHEN NTP synchronized is |synchronised|. THEN test case result is |True|. OUTPUT of |show ntp status| is: synchronised to NTP server (169.254.169.123) at stratum 4  time correct to within 19 ms  polling server every 512 s  . |

## 16.3 Test Case: Test if ntp servers are reachable

### 16.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 169 |
| Name | test\_if\_ntp\_servers\_are\_reachable\_on\_ |
| Description | Verifies NTP servers are reachable via ping |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEOSEdge1|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEOSEdge1| GIVEN server |169.254.169.123|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 169.254.169.123| is :  PING 169.254.169.123 (169.254.169.123) 72(100) bytes of data.  --- 169.254.169.123 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 40ms  . |

### 16.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 170 |
| Name | test\_if\_ntp\_servers\_are\_reachable\_on\_ |
| Description | Verifies NTP servers are reachable via ping |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEOSEdge2|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEOSEdge2| GIVEN server |169.254.169.123|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 169.254.169.123| is :  PING 169.254.169.123 (169.254.169.123) 72(100) bytes of data.  --- 169.254.169.123 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 42ms  . |

### 16.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 171 |
| Name | test\_if\_ntp\_servers\_are\_reachable\_on\_ |
| Description | Verifies NTP servers are reachable via ping |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR1|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEosRR1| GIVEN server |169.254.169.123|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 169.254.169.123| is :  PING 169.254.169.123 (169.254.169.123) 72(100) bytes of data.  --- 169.254.169.123 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 40ms  . |

### 16.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 172 |
| Name | test\_if\_ntp\_servers\_are\_reachable\_on\_ |
| Description | Verifies NTP servers are reachable via ping |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | [True] |
| Actual output | [False] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR2|, verifying NTP server reachability for |169.254.169.123| is |False|. |
| Comment | TEST NTP servers are reachable on |kg-topology-CloudEosRR2| GIVEN server |169.254.169.123|. WHEN exception is |bytes from| string. THEN test case result is |False|. OUTPUT of |ping 169.254.169.123| is :  PING 169.254.169.123 (169.254.169.123) 72(100) bytes of data.  --- 169.254.169.123 ping statistics --- 5 packets transmitted, 0 received, 100% packet loss, time 40ms  . |

## 16.4 Test Case: Test if process is running

### 16.4.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 173 |
| Name | test\_if\_process\_is\_running\_on\_ |
| Description | Verify processes are running |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show processes |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ntpd running on |kg-topology-CloudEOSEdge1|. GIVEN ntpd number is |1|. WHEN ntpd number is |1|. THEN test case result is |True|. OUTPUT of |show processes| is:  19:39:04 up 3:29, 0 users, load average: 1.11, 1.17, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1954 102 3.6 ? Sl 16:10:33 03:33:24 Sfe  1737 0.4 2.0 ? Sl 16:10:25 00:01:01 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.14.101 -taillogs -grpcaddr=0.0.0.0:6042  1520 0.3 6.9 ? Sl 16:10:03 00:00:43 ConfigAgent  1244 0.1 0.9 ? S 16:09:46 00:00:22 ProcMgr-worker  1477 0.1 2.5 ? S 16:10:00 00:00:15 Sysdb  2887 0.1 0.6 ? SNl 16:11:08 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  3521 0.1 1.3 ? S 16:13:28 00:00:22 Fhrp  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  412 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  505 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  746 0.0 0.1 ? Ss 16:09:31 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  752 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  757 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  767 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  768 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/bin/ProcMonitor  793 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  807 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  812 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  983 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1002 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1019 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1035 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1037 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1066 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1190 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1191 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1223 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1227 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1229 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1243 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1416 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1424 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1439 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1476 0.0 0.0 ? S 16:10:00 00:00:00 /usr/bin/SlabMonitor  1519 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1522 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1523 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1725 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=Lldp --demuxerOpts=271521201210,271520936063,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1726 0.0 0.0 ? S 16:10:24 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=271553536409,271553339388,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1727 0.0 0.3 ? Ss 16:10:24 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.2 ? S 16:10:24 00:00:02 Lldp  1730 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1731 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1732 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=274902280425,274894065915,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1734 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1750 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1754 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275071374973,274994945700,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1756 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1758 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275586307003,275502389964,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1761 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1762 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1765 0.0 1.7 ? S 16:10:25 00:00:10 SuperServer  1776 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279491456522,275838066821,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1778 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.5 ? S 16:10:26 00:00:01 Ira  1782 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279701475599,279548161921,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1783 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279890031590,279849469825,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1785 0.0 1.2 ? S 16:10:26 00:00:00 LedPolicy  1786 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1788 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=280009470276,279928751393,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1789 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1790 0.0 1.2 ? S 16:10:26 00:00:06 StpTxRx  1791 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=280118876811,280081027107,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1793 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1795 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283590805590,283535014383,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1796 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1797 0.0 1.0 ? S 16:10:27 00:00:12 AgentMonitor  1798 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283744428617,283665622451,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1799 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1800 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1801 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1802 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=283952204546,283952010629,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1804 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:27 00:00:01 StpTopology  1806 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Acl --demuxerOpts=284172859769,284172613971,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1807 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1808 0.0 1.4 ? S 16:10:27 00:00:06 Acl  1809 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Stp --demuxerOpts=284402031123,284371995418,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1810 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1811 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=287852581767,287850967470,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1812 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1814 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1816 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288017511630,288017301475,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1818 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1820 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288224202808,288206982434,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1822 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.2 ? S 16:10:28 00:00:01 LacpTxAgent  1826 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Arp --demuxerOpts=288516871502,288409525692,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1827 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.5 ? S 16:10:28 00:00:01 Arp  1830 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292154469402,288691835445,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1831 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1834 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292391068490,292229931595,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1835 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1836 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1837 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=292653323546,292503125498,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1840 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1841 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=292781932487,292761826016,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1842 0.0 1.1 ? S 16:10:29 00:00:00 Thermostat  1847 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1849 0.0 1.2 ? S 16:10:29 00:00:00 L2Rib  1850 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=293027249168,292979573221,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1852 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1853 0.0 1.2 ? S 16:10:30 00:00:00 TopoAgent  1855 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296601593960,296492906696,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1856 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1858 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=296728233953,296724900486,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1859 0.0 1.1 ? S 16:10:30 00:00:00 PowerFuse  1860 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1863 0.0 1.1 ? S 16:10:30 00:00:00 PowerManager  1864 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ebra --demuxerOpts=296921127640,296920912379,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1865 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1868 0.0 1.4 ? S 16:10:30 00:00:02 Ebra  1869 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=297209443189,297091547491,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1874 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1876 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=297331465944,297308578543,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1883 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1887 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1889 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1892 0.0 1.1 ? S 16:10:31 00:00:00 SharedSecretProfile  1906 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301582768548,301582509040,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1909 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1912 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305064840725,305064581389,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1917 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1920 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305232197713,305231975754,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1922 0.0 1.6 ? S 16:10:32 00:00:05 IpRib  1924 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1926 0.0 1.9 ? S 16:10:32 00:00:02 BgpCliHelper  1928 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=305439070301,305437068667,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1932 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.2 ? S 16:10:32 00:00:01 ConnectedRoute  1935 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305658141411,305618854294,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1937 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1938 0.0 1.3 ? S 16:10:32 00:00:00 RouteInput  1940 0.0 2.3 ? Sl 16:10:32 00:00:05 Bgp  1950 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=309581446345,305926964721,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1953 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2308 0.0 0.0 ? Ssl 16:10:42 00:00:00 /usr/sbin/rsyslogd -n  2467 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=353180209543,353179956273,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2471 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2473 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2664 0.0 0.0 ? S 16:10:46 00:00:00 /usr/bin/conlogd  2665 0.0 0.0 ttyS0 Ss+ 16:10:46 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2666 0.0 0.0 tty1 Ss+ 16:10:46 00:00:00 /sbin/agetty --noclear tty1 linux  2670 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2673 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2664 /var/log/eos-console  2674 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2699 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2725 0.0 0.0 ? S 16:10:48 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=374234569378,374234336312,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2726 0.0 0.3 ? Ss 16:10:48 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2727 0.0 1.2 ? S 16:10:48 00:00:02 Ipsec  2734 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2760 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2764 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2873 0.0 0.0 ? S 16:11:07 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3353 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Nat --demuxerOpts=1048691633697,1048691229094,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3355 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3357 0.0 0.0 ? S 16:13:25 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1048829900347,1048829438291,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3359 0.0 1.2 ? S 16:13:25 00:00:01 Nat  3361 0.0 0.3 ? Ss 16:13:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3363 0.0 1.3 ? S 16:13:25 00:00:01 Vxlan  3369 0.0 0.0 ? S 16:13:26 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1052390336317,1048894623126,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3377 0.0 0.3 ? Ss 16:13:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3383 0.0 1.3 ? S 16:13:26 00:00:01 VxlanSwFwd  3474 0.0 0.0 ? S 16:13:27 00:00:00 /usr/sbin/dnsmasq  3511 0.0 0.0 ? S 16:13:27 00:00:00 [kworker/u8:3]  3519 0.0 0.0 ? S 16:13:28 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1060861320791,1060861101654,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3520 0.0 0.3 ? Ss 16:13:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3547 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3549 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4884 0.0 0.0 ? S 16:33:07 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6125135729910,6125135441086,tbl://sysdb/+n,Sysdb (pid:1477) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4885 0.0 0.3 ? Ss 16:33:07 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4886 0.0 1.3 ? Sl 16:33:07 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4930 0.0 0.0 ? Ss 16:33:08 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4932 0.0 0.1 ? S 16:33:08 00:00:00 nginx: worker process  16279 0.0 0.0 ? S 19:15:01 00:00:00 [kworker/0:4] 17017 0.0 0.0 ? S 19:27:01 00:00:00 [kworker/0:0] 18021 0.0 0.0 ? S 19:33:01 00:00:00 [kworker/0:1] 18625 0.0 0.0 ? S 19:39:01 00:00:00 [kworker/0:2] 18799 0.0 0.0 ? Zs 19:39:04 00:00:00 [python] <defunct> 18807 0.0 0.0 ? Rs 19:39:04 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww 18808 0.0 0.0 ? Zs 19:39:04 00:00:00 [uptime] <defunct> . |

### 16.4.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 174 |
| Name | test\_if\_process\_is\_running\_on\_ |
| Description | Verify processes are running |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show processes |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ntpd running on |kg-topology-CloudEOSEdge2|. GIVEN ntpd number is |1|. WHEN ntpd number is |1|. THEN test case result is |True|. OUTPUT of |show processes| is:  19:39:05 up 3:29, 2 users, load average: 1.20, 1.15, 1.16  PID %CPU %MEM TT STAT STARTED TIME CMD  2097 101 3.7 ? Sl 16:10:45 03:31:39 Sfe  1738 2.6 1.9 ? Sl 16:10:30 00:05:35 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.15.101 -taillogs -grpcaddr=0.0.0.0:6042  1580 0.5 7.2 ? Sl 16:10:08 00:01:03 ConfigAgent 19707 0.5 0.1 ? Ss 19:38:54 00:00:00 sshd: root [priv]   2791 0.4 0.7 ? SNl 16:11:07 00:00:57 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1503 0.3 2.6 ? S 16:10:06 00:00:46 Sysdb  1232 0.2 0.9 ? S 16:09:51 00:00:30 ProcMgr-worker  1790 0.2 1.0 ? S 16:10:34 00:00:29 AgentMonitor  3570 0.2 1.4 ? S 16:13:44 00:00:27 Fhrp  1767 0.1 1.7 ? S 16:10:32 00:00:18 SuperServer  1782 0.1 1.2 ? S 16:10:33 00:00:13 StpTxRx  1808 0.1 1.4 ? S 16:10:35 00:00:13 Acl  2064 0.1 2.3 ? Sl 16:10:44 00:00:14 Bgp  1 0.0 0.0 ? Ss 16:09:25 00:00:02 /sbin/init  2 0.0 0.0 ? S 16:09:25 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:25 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:25 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:25 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:25 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:25 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:25 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:25 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:25 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:25 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:25 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:25 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:25 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:25 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:25 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:25 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:25 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:25 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:25 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:25 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:25 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:25 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:25 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:25 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:25 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:25 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:25 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:25 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:25 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:25 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:25 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:25 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:25 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:25 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:25 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:25 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:25 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:25 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:25 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:25 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:32 00:00:00 [loop0]  382 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/sbin/lvmetad -f  498 0.0 0.0 ? S< 16:09:35 00:00:00 [ena]  710 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/1:1]  749 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-logind  750 0.0 0.1 ? Ss 16:09:35 00:00:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  762 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  764 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  784 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/crond -n  806 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  811 0.0 0.0 ? S<s 16:09:36 00:00:00 /usr/bin/wdogdev -t 60  982 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  985 0.0 0.0 pts/0 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  994 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  995 0.0 0.0 pts/1 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1005 0.0 0.0 ? S 16:09:38 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1006 0.0 0.0 pts/2 Ss+ 16:09:38 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1042 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1063 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1178 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1179 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1213 0.0 0.0 ? S 16:09:45 00:00:00 inotifywait -e modify /var/lib/rpm  1215 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1217 0.0 0.3 ? S 16:09:51 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1231 0.0 0.9 ? S 16:09:51 00:00:00 ProcMgr-master  1442 0.0 0.0 ? S 16:10:05 00:00:02 /usr/bin/EosOomAdjust  1450 0.0 0.0 ? S 16:10:05 00:00:00 [rbfd\_vrf\_cleanu]  1465 0.0 0.0 ? Ss 16:10:05 00:00:00 /usr/sbin/acpid  1502 0.0 0.0 ? S 16:10:06 00:00:00 /usr/bin/SlabMonitor  1579 0.0 1.2 ? S 16:10:08 00:00:01 StageMgr  1583 0.0 1.5 ? S 16:10:09 00:00:05 Fru  1585 0.0 1.9 ? S 16:10:10 00:00:02 Launcher  1714 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Lldp --demuxerOpts=279470554453,279470047684,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1716 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1718 0.0 1.3 ? S 16:10:30 00:00:07 Lldp  1721 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=279587219839,279517120427,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1723 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 1.2 ? S 16:10:30 00:00:05 McastCommon  1728 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PortSec --demuxerOpts=279751903339,279634065737,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1729 0.0 0.0 ? S< 16:10:30 00:00:00 [kworker/1:1H]  1730 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1732 0.0 1.2 ? S 16:10:30 00:00:06 PortSec  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Bfd --demuxerOpts=283517224269,280061218350,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1760 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1761 0.0 1.4 ? S 16:10:31 00:00:06 Bfd  1763 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Lag --demuxerOpts=284385889980,284346800095,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1764 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1765 0.0 1.3 ? S 16:10:32 00:00:10 Lag  1770 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Ira --demuxerOpts=288231811657,288192037887,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1771 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.5 ? S 16:10:33 00:00:06 Ira  1773 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=292443484009,292114014481,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1775 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 1.2 ? S 16:10:33 00:00:06 LedPolicy  1777 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=292651775845,292518030355,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1778 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1779 0.0 1.3 ? S 16:10:33 00:00:07 EventMgr  1780 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=292922768387,292730333036,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1781 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1784 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=296469003372,293002513997,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1786 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1787 0.0 1.1 ? S 16:10:34 00:00:01 StandbyCpld  1788 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=296562709974,296552472081,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1789 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1792 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=296808026069,296806088672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1793 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:34 00:00:02 Tunnel  1795 0.0 1.5 ? Sl 16:10:34 00:00:06 Aaa  1797 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=300788778849,297266473162,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1798 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 1.2 ? S 16:10:35 00:00:05 StpTopology  1802 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Acl --demuxerOpts=301204398152,300891965148,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1804 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=Stp --demuxerOpts=301327186104,301314169646,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1822 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1824 0.0 1.1 ? S 16:10:36 00:00:08 Stp  1841 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=305530146455,305255774992,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1843 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1846 0.0 1.1 ? S 16:10:36 00:00:01 KernelNetworkInfo  1850 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=305843884374,305663232644,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1853 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1854 0.0 1.2 ? S 16:10:37 00:00:05 McastCommon6  1864 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=305942247993,305922103813,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1866 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1870 0.0 1.2 ? S 16:10:37 00:00:05 LacpTxAgent  1880 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=Arp --demuxerOpts=310065886531,309673916602,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1883 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1885 0.0 1.5 ? S 16:10:37 00:00:07 Arp  1904 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=313885932294,310177900767,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1906 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1909 0.0 1.4 ? S 16:10:38 00:00:05 KernelFib  1913 0.0 0.0 ? S 16:10:38 00:00:00 netns --agenttitle=Qos --demuxerOpts=314115933313,314080890591,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1915 0.0 0.3 ? Ss 16:10:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1916 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=318163461619,314456876645,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1917 0.0 1.2 ? S 16:10:39 00:00:06 Qos  1918 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1919 0.0 1.1 ? S 16:10:39 00:00:01 Thermostat  1921 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=318393235515,318272971626,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1922 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1923 0.0 1.2 ? S 16:10:39 00:00:01 L2Rib  1925 0.0 0.0 ? S 16:10:39 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=318700184862,318479833672,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1926 0.0 0.3 ? Ss 16:10:39 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1927 0.0 1.2 ? S 16:10:40 00:00:05 TopoAgent  1931 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=322510269023,318796649356,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1932 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1934 0.0 1.1 ? S 16:10:40 00:00:01 PowerFuse  1938 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=322610107690,322594851002,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1941 0.0 0.3 ? Ss 16:10:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1942 0.0 1.1 ? S 16:10:40 00:00:01 PowerManager  1946 0.0 0.0 ? S 16:10:40 00:00:00 netns --agenttitle=Ebra --demuxerOpts=323079534390,322903538279,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1947 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1948 0.0 1.4 ? S 16:10:41 00:00:07 Ebra  1963 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=326817468041,326445745657,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1964 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1965 0.0 1.1 ? S 16:10:41 00:00:01 ReloadCauseAgent  1971 0.0 0.0 ? S 16:10:41 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=326889670514,326887919453,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1974 0.0 0.3 ? Ss 16:10:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1982 0.0 1.1 ? S 16:10:41 00:00:01 SharedSecretProfile  1984 0.0 1.5 ? S 16:10:41 00:00:06 IgmpSnooping  1992 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=330897221113,330896762395,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1996 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1999 0.0 1.3 ? S 16:10:42 00:00:02 StaticRoute  2011 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=IpRib --demuxerOpts=331200407691,330981020869,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  2014 0.0 0.3 ? Ss 16:10:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2017 0.0 1.7 ? S 16:10:42 00:00:11 IpRib  2023 0.0 0.0 ? S 16:10:42 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=331257045616,331250600942,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  2025 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2026 0.0 1.9 ? S 16:10:43 00:00:04 BgpCliHelper  2028 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=335183126363,335040315196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  2029 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2030 0.0 1.3 ? S 16:10:43 00:00:05 ConnectedRoute  2048 0.0 0.0 ? S 16:10:43 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=335728637594,335327218140,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  2051 0.0 0.3 ? Ss 16:10:43 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2055 0.0 1.3 ? S 16:10:43 00:00:01 RouteInput  2094 0.0 0.0 ? S 16:10:45 00:00:00 netns --agenttitle=Sfe --demuxerOpts=340064785822,339704233853,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  2095 0.0 0.3 ? Ss 16:10:45 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2297 0.0 0.0 ? Ssl 16:10:49 00:00:00 /usr/sbin/rsyslogd -n  2576 0.0 0.0 ? S 16:10:55 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=386949000381,386948518196,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2577 0.0 0.3 ? Ss 16:10:55 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2578 0.0 1.1 ? S 16:10:55 00:00:01 LicenseManager  2588 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/conlogd  2589 0.0 0.0 tty1 Ss+ 16:10:56 00:00:00 /sbin/agetty --noclear tty1 linux  2590 0.0 0.0 ttyS0 Ss+ 16:10:56 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2594 0.0 0.0 ? S 16:10:56 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2597 0.0 0.0 ? S 16:10:56 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2588 /var/log/eos-console  2598 0.0 0.0 ? S 16:10:56 00:00:00 sed s/\(.\*\)/\1\r/  2621 0.0 0.0 ? Zs 16:10:59 00:00:00 [SuperServer] <defunct>  2672 0.0 0.0 ? S 16:11:00 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=408802216514,408801658622,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2673 0.0 0.3 ? Ss 16:11:00 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2674 0.0 1.2 ? S 16:11:00 00:00:10 Ipsec  2675 0.0 0.4 ? Ss 16:11:01 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2703 0.0 0.1 ? Ssl 16:11:02 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2742 0.0 0.0 ? Ss 16:11:05 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2778 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3141 0.0 0.1 ? Ss 16:12:09 00:00:00 sshd: kgrozis [priv]   3172 0.0 0.0 ? S 16:12:13 00:00:00 sshd: kgrozis@pts/3   3175 0.0 0.1 pts/3 Ssl+ 16:12:13 00:00:00 CliShell --sysname ar --privilege 1  3325 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Nat --demuxerOpts=1095397431678,1095396962624,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Nat  3332 0.0 0.3 ? Ss 16:13:40 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3334 0.0 1.2 ? S 16:13:40 00:00:07 Nat  3348 0.0 0.0 ? S 16:13:40 00:00:00 netns --agenttitle=Vxlan --demuxerOpts=1095918058741,1095569389846,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Vxlan  3351 0.0 0.3 ? Ss 16:13:41 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3359 0.0 1.4 ? S 16:13:41 00:00:06 Vxlan  3447 0.0 0.0 ? S 16:13:42 00:00:00 netns --agenttitle=VxlanSwFwd --demuxerOpts=1100014748602,1099533372618,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/VxlanSwFwd  3453 0.0 0.3 ? Ss 16:13:42 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  3458 0.0 1.3 ? S 16:13:42 00:00:06 VxlanSwFwd  3462 0.0 0.0 ? S 16:13:42 00:00:00 /usr/sbin/dnsmasq  3517 0.0 0.0 ? Ss 16:13:44 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3519 0.0 0.1 ? Ssl 16:13:44 00:00:00 /usr/libexec/strongswan/charon --use-syslog  3568 0.0 0.0 ? S 16:13:44 00:00:00 netns --agenttitle=Fhrp --demuxerOpts=1113106534885,1113105010948,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/Fhrp --scheduled  3569 0.0 0.3 ? Ss 16:13:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4937 0.0 0.1 ? Ss 16:33:25 00:00:00 sshd: kgrozis [priv]   4949 0.0 0.0 ? S 16:33:29 00:00:00 sshd: kgrozis@pts/5   4952 0.0 0.1 pts/5 Ssl+ 16:33:29 00:00:00 CliShell --sysname ar --privilege 1  4966 0.0 0.0 ? S 16:33:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=6241089979701,6241089444714,tbl://sysdb/+n,Sysdb (pid:1503) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4967 0.0 0.3 ? Ss 16:33:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4968 0.0 1.3 ? Sl 16:33:38 00:00:01 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  5012 0.0 0.0 ? Ss 16:33:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  5014 0.0 0.1 ? S 16:33:39 00:00:00 nginx: worker process  17656 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:0] 18047 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:2] 18051 0.0 0.0 ? S 19:25:01 00:00:00 [kworker/0:3] 19416 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:1] 19708 0.0 0.0 ? S 19:38:54 00:00:00 sshd: root [net]  20019 0.0 0.0 ? Rs 19:39:04 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww 20020 0.0 0.0 ? Rs 19:39:04 00:00:00 [ConfigAgent] . |

### 16.4.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 175 |
| Name | test\_if\_process\_is\_running\_on\_ |
| Description | Verify processes are running |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show processes |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ntpd running on |kg-topology-CloudEosRR1|. GIVEN ntpd number is |1|. WHEN ntpd number is |1|. THEN test case result is |True|. OUTPUT of |show processes| is:  19:39:04 up 3:29, 0 users, load average: 1.21, 1.21, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1928 102 3.3 ? Sl 16:10:34 03:33:08 Sfe  1678 0.4 2.0 ? Sl 16:10:24 00:00:57 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.12.101 -taillogs -grpcaddr=0.0.0.0:6042  1545 0.3 6.7 ? Sl 16:10:03 00:00:41 ConfigAgent  1231 0.1 0.9 ? S 16:09:46 00:00:24 ProcMgr-worker  1464 0.1 2.5 ? S 16:10:01 00:00:13 Sysdb  2813 0.1 0.6 ? SNl 16:11:06 00:00:17 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:21 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:21 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/0:0H]  7 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:21 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:21 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:21 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:21 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:21 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:21 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:21 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:21 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:21 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:21 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:21 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:21 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:21 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:21 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:21 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:21 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:21 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:21 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:21 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:21 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:21 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:21 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:21 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:21 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:21 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:21 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:21 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:21 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:21 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:21 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:21 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:21 00:00:00 [nvme]  73 0.0 0.0 ? S 16:09:21 00:00:00 [kworker/u8:1]  74 0.0 0.0 ? S 16:09:21 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:21 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:21 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:21 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:21 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:21 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:22 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:28 00:00:00 [loop0]  345 0.0 0.0 ? S 16:09:30 00:00:00 [kworker/u8:2]  383 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/lib/systemd/systemd-udevd  414 0.0 0.0 ? Ss 16:09:30 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:31 00:00:00 [ena]  679 0.0 0.0 ? S 16:09:31 00:00:00 [kworker/1:1]  733 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/bin/ProcMonitor  749 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  751 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:31 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  778 0.0 0.0 ? Ss 16:09:31 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  849 0.0 0.0 ? Ss 16:09:32 00:00:00 /usr/sbin/crond -n  868 0.0 0.0 ? S<s 16:09:32 00:00:00 /usr/bin/wdogdev -t 60  986 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  988 0.0 0.0 pts/0 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1001 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1005 0.0 0.0 pts/1 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1016 0.0 0.0 ? Ss 16:09:34 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1021 0.0 0.0 ? S 16:09:34 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1022 0.0 0.0 pts/2 Ss+ 16:09:34 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1053 0.0 0.0 ? Ss 16:09:35 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1177 0.0 0.1 ? S 16:09:40 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1178 0.0 0.1 ? S 16:09:40 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1211 0.0 0.0 ? S 16:09:40 00:00:00 inotifywait -e modify /var/lib/rpm  1214 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1216 0.0 0.3 ? S 16:09:46 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1230 0.0 0.9 ? S 16:09:46 00:00:00 ProcMgr-master  1403 0.0 0.0 ? S 16:10:00 00:00:02 /usr/bin/EosOomAdjust  1411 0.0 0.0 ? S 16:10:00 00:00:00 [rbfd\_vrf\_cleanu]  1426 0.0 0.0 ? Ss 16:10:00 00:00:00 /usr/sbin/acpid  1463 0.0 0.0 ? S 16:10:01 00:00:00 /usr/bin/SlabMonitor  1543 0.0 1.2 ? S 16:10:03 00:00:00 StageMgr  1547 0.0 1.4 ? S 16:10:04 00:00:00 Fru  1548 0.0 1.8 ? S 16:10:04 00:00:00 Launcher  1712 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lldp --demuxerOpts=275482372096,275482095106,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1713 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1715 0.0 1.2 ? S 16:10:25 00:00:02 Lldp  1717 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=275539207066,275531172101,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1718 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1719 0.0 1.2 ? S 16:10:25 00:00:01 McastCommon  1722 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=PortSec --demuxerOpts=275630742842,275586496008,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1723 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1725 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Bfd --demuxerOpts=275697984092,275668336464,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1726 0.0 1.1 ? S 16:10:25 00:00:00 PortSec  1727 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1729 0.0 1.3 ? S 16:10:25 00:00:01 Bfd  1730 0.0 0.0 ? S 16:10:25 00:00:00 netns --agenttitle=Lag --demuxerOpts=275798425594,275754087410,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1731 0.0 0.0 ? S< 16:10:25 00:00:00 [kworker/1:1H]  1732 0.0 0.3 ? Ss 16:10:25 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.3 ? S 16:10:25 00:00:04 Lag  1738 0.0 1.7 ? S 16:10:26 00:00:10 SuperServer  1745 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=Ira --demuxerOpts=279430842216,279242511590,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1746 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.4 ? S 16:10:26 00:00:01 Ira  1748 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=279643633598,279537036113,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1749 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1753 0.0 1.1 ? S 16:10:26 00:00:00 LedPolicy  1754 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=279769194613,279729578605,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1755 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1756 0.0 0.0 ? S 16:10:26 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=279994695436,279989742052,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1757 0.0 1.3 ? S 16:10:26 00:00:02 EventMgr  1758 0.0 0.3 ? Ss 16:10:26 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1759 0.0 1.2 ? S 16:10:26 00:00:07 StpTxRx  1760 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=283497454610,280155363384,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1761 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 1.1 ? S 16:10:27 00:00:00 StandbyCpld  1764 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=283615375164,283615161637,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1765 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1766 0.0 1.0 ? S 16:10:27 00:00:11 AgentMonitor  1767 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=283815717588,283815476170,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1768 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1769 0.0 1.2 ? S 16:10:27 00:00:00 Tunnel  1770 0.0 1.5 ? Sl 16:10:27 00:00:03 Aaa  1772 0.0 0.0 ? S 16:10:27 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=284200272970,284200028375,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1773 0.0 0.3 ? Ss 16:10:27 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1774 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Acl --demuxerOpts=284441840621,284425363995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1775 0.0 1.2 ? S 16:10:28 00:00:01 StpTopology  1776 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1777 0.0 1.3 ? S 16:10:28 00:00:06 Acl  1780 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Stp --demuxerOpts=288142997842,287926529966,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1781 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1782 0.0 1.1 ? S 16:10:28 00:00:01 Stp  1783 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=288348042626,288306991250,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1784 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=288476386621,288476154232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1787 0.0 1.1 ? S 16:10:28 00:00:00 KernelNetworkInfo  1788 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1791 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon6  1792 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=288660551570,288660315029,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1793 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1794 0.0 1.2 ? S 16:10:29 00:00:01 LacpTxAgent  1795 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Arp --demuxerOpts=292182880197,292182644203,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1797 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1798 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=292387136971,292386913377,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1799 0.0 1.4 ? S 16:10:29 00:00:01 Arp  1801 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1802 0.0 1.3 ? S 16:10:29 00:00:01 KernelFib  1803 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Qos --demuxerOpts=292597182171,292545957912,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1804 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1805 0.0 1.2 ? S 16:10:29 00:00:00 Qos  1808 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=293031182227,292789955533,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1811 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1813 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=296490028279,296489674232,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1814 0.0 1.1 ? S 16:10:30 00:00:00 Thermostat  1816 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1818 0.0 1.2 ? S 16:10:30 00:00:00 L2Rib  1820 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=296723998947,296723793865,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1821 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1823 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=296913137499,296912919995,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1824 0.0 1.1 ? S 16:10:30 00:00:00 TopoAgent  1826 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1828 0.0 1.0 ? S 16:10:30 00:00:00 PowerFuse  1830 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=297125141566,297124919716,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1832 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Ebra --demuxerOpts=300674037695,300668400686,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1835 0.0 1.1 ? S 16:10:31 00:00:00 PowerManager  1838 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1842 0.0 1.3 ? S 16:10:31 00:00:02 Ebra  1849 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=301136672884,300906411409,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1857 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1860 0.0 1.1 ? S 16:10:31 00:00:00 ReloadCauseAgent  1861 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=301283236428,301260543814,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1866 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1867 0.0 1.5 ? S 16:10:31 00:00:01 IgmpSnooping  1868 0.0 1.0 ? S 16:10:31 00:00:00 SharedSecretProfile  1882 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=305461543441,305461133260,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1887 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1888 0.0 1.3 ? S 16:10:32 00:00:00 StaticRoute  1891 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=IpRib --demuxerOpts=305680427337,305680168169,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1896 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1897 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=305860331663,305860120352,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1898 0.0 1.6 ? S 16:10:32 00:00:04 IpRib  1901 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1904 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=309314764439,309314498787,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1905 0.0 1.9 ? S 16:10:33 00:00:02 BgpCliHelper  1907 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1908 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=309483970353,309483752885,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1909 0.0 1.2 ? S 16:10:33 00:00:01 ConnectedRoute  1912 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1913 0.0 2.2 ? Sl 16:10:33 00:00:04 Bgp  1916 0.0 1.3 ? S 16:10:33 00:00:00 RouteInput  1924 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Sfe --demuxerOpts=310187581898,309839049654,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1926 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2274 0.0 0.0 ? Ssl 16:10:43 00:00:00 /usr/sbin/rsyslogd -n  2325 0.0 0.0 ? S 16:10:44 00:00:00 /usr/sbin/dnsmasq  2420 0.0 0.0 ? S 16:10:44 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=357235757262,357235513961,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2423 0.0 0.3 ? Ss 16:10:44 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2425 0.0 1.1 ? S 16:10:44 00:00:00 LicenseManager  2617 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/conlogd  2618 0.0 0.0 tty1 Ss+ 16:10:47 00:00:00 /sbin/agetty --noclear tty1 linux  2619 0.0 0.0 ttyS0 Ss+ 16:10:47 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2623 0.0 0.0 ? S 16:10:47 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2626 0.0 0.0 ? S 16:10:47 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2617 /var/log/eos-console  2627 0.0 0.0 ? S 16:10:47 00:00:00 sed s/\(.\*\)/\1\r/  2629 0.0 0.0 ? Zs 16:10:47 00:00:00 [SuperServer] <defunct>  2678 0.0 0.0 ? S 16:10:49 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=378052162806,378051926006,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2679 0.0 0.3 ? Ss 16:10:49 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2681 0.0 1.2 ? S 16:10:49 00:00:02 Ipsec  2684 0.0 0.4 ? Ss 16:10:49 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2713 0.0 0.1 ? Ssl 16:10:50 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2717 0.0 0.0 ? Ss 16:10:53 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2800 0.0 0.0 ? S 16:11:05 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3345 0.0 0.0 ? Ss 16:13:20 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3347 0.0 0.1 ? Ssl 16:13:20 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4607 0.0 0.0 ? S 16:31:38 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5742810699600,5742810359951,tbl://sysdb/+n,Sysdb (pid:1464) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4608 0.0 0.3 ? Ss 16:31:38 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4609 0.0 1.3 ? Sl 16:31:38 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4653 0.0 0.0 ? Ss 16:31:39 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4655 0.0 0.1 ? S 16:31:39 00:00:00 nginx: worker process  14708 0.0 0.0 ? S 18:54:00 00:00:00 [kworker/0:2] 16628 0.0 0.0 ? S 19:21:00 00:00:00 [kworker/0:0] 17188 0.0 0.0 ? S 19:30:01 00:00:00 [kworker/0:4] 18176 0.0 0.0 ? S 19:36:00 00:00:00 [kworker/0:1] 18772 0.0 0.1 ? Ss 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18779 0.0 0.0 ? S 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18780 0.0 0.0 ? S 19:39:03 00:00:00 /bin/bash /usr/bin/ntpstat 18781 0.0 0.0 ? R 19:39:03 00:00:00 ntpq -c timeout 100 -c raw -c rv 0 127.0.0.1 18782 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

### 16.4.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 176 |
| Name | test\_if\_process\_is\_running\_on\_ |
| Description | Verify processes are running |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show processes |
| Expected output | 1 |
| Actual output | 1 |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ntpd running on |kg-topology-CloudEosRR2|. GIVEN ntpd number is |1|. WHEN ntpd number is |1|. THEN test case result is |True|. OUTPUT of |show processes| is:  19:39:04 up 3:29, 0 users, load average: 1.22, 1.19, 1.18  PID %CPU %MEM TT STAT STARTED TIME CMD  1867 102 3.3 ? Sl 16:10:36 03:33:15 Sfe  1699 0.4 1.9 ? Sl 16:10:28 00:00:56 /usr/bin/TerminAttr -cvaddr=apiserver.arista.io:443 -cvcompression=gzip -cvauth=token-secure,/tmp/token -smashexcludes=ale,flexCounter,hardware,kni,pulse,strata-ingestexclude=/Sysdb/cell/1/agent,/Sysdb/cell/2/agent -cvvrf=default -cvsourceip=11.201.13.101 -taillogs -grpcaddr=0.0.0.0:6042  1569 0.3 6.7 ? Sl 16:10:07 00:00:40 ConfigAgent  1220 0.1 0.9 ? S 16:09:50 00:00:23 ProcMgr-worker  1491 0.1 2.5 ? S 16:10:04 00:00:13 Sysdb  2830 0.1 0.7 ? SNl 16:11:07 00:00:16 python2.7 /var/awslogs/bin/aws logs push --config-file /mnt/flash/awslogs/awslogs.conf --additional-configs-dir /mnt/flash/awslogs/config  1 0.0 0.0 ? Ss 16:09:26 00:00:01 /sbin/init  2 0.0 0.0 ? S 16:09:26 00:00:00 [kthreadd]  3 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/0]  5 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/0:0H]  6 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/u8:0]  7 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_preempt]  8 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_sched]  9 0.0 0.0 ? S 16:09:26 00:00:00 [rcu\_bh]  10 0.0 0.0 ? S 16:09:26 00:00:00 [migration/0]  11 0.0 0.0 ? S< 16:09:26 00:00:00 [lru-add-drain]  12 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/0]  13 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/0]  14 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/1]  15 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/1]  16 0.0 0.0 ? S 16:09:26 00:00:00 [migration/1]  17 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/1]  18 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/1:0]  19 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/1:0H]  20 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/2]  21 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/2]  22 0.0 0.0 ? S 16:09:26 00:00:00 [migration/2]  23 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/2]  24 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/2:0]  25 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/2:0H]  26 0.0 0.0 ? S 16:09:26 00:00:00 [cpuhp/3]  27 0.0 0.0 ? S 16:09:26 00:00:00 [watchdog/3]  28 0.0 0.0 ? S 16:09:26 00:00:00 [migration/3]  29 0.0 0.0 ? S 16:09:26 00:00:00 [ksoftirqd/3]  30 0.0 0.0 ? S 16:09:26 00:00:00 [kworker/3:0]  31 0.0 0.0 ? S< 16:09:26 00:00:00 [kworker/3:0H]  32 0.0 0.0 ? S 16:09:26 00:00:00 [kdevtmpfs]  33 0.0 0.0 ? S< 16:09:26 00:00:00 [netns]  34 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd]  35 0.0 0.0 ? S 16:09:26 00:00:00 [khungtaskd2]  36 0.0 0.0 ? S 16:09:26 00:00:00 [oom\_reaper]  37 0.0 0.0 ? S< 16:09:26 00:00:00 [writeback]  38 0.0 0.0 ? S 16:09:26 00:00:00 [kcompactd0]  39 0.0 0.0 ? S< 16:09:26 00:00:00 [crypto]  40 0.0 0.0 ? S< 16:09:26 00:00:00 [kintegrityd]  41 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  42 0.0 0.0 ? S< 16:09:26 00:00:00 [kblockd]  43 0.0 0.0 ? S< 16:09:26 00:00:00 [ata\_sff]  44 0.0 0.0 ? S< 16:09:26 00:00:00 [edac-poller]  45 0.0 0.0 ? S 16:09:26 00:00:00 [dst\_gc\_task]  46 0.0 0.0 ? S< 16:09:26 00:00:00 [watchdogd]  47 0.0 0.0 ? S 16:09:26 00:00:00 [arp\_cache-prd]  49 0.0 0.0 ? S 16:09:26 00:00:00 [icmp\_unreachabl]  50 0.0 0.0 ? S< 16:09:26 00:00:00 [rpciod]  51 0.0 0.0 ? S< 16:09:26 00:00:00 [xprtiod]  52 0.0 0.0 ? S 16:09:26 00:00:00 [kswapd0]  53 0.0 0.0 ? S< 16:09:26 00:00:00 [vmstat]  54 0.0 0.0 ? S< 16:09:26 00:00:00 [nfsiod]  63 0.0 0.0 ? S< 16:09:26 00:00:00 [pcielwd]  64 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  65 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  66 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  67 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  68 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  69 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  70 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  71 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  72 0.0 0.0 ? S< 16:09:26 00:00:00 [nvme]  74 0.0 0.0 ? S 16:09:26 00:00:00 [ndisc\_cache-prd]  75 0.0 0.0 ? S< 16:09:26 00:00:00 [ipv6\_addrconf]  76 0.0 0.0 ? S< 16:09:26 00:00:00 [ecc\_log\_wq]  124 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  125 0.0 0.0 ? S< 16:09:26 00:00:00 [bioset]  171 0.0 0.0 ? S 16:09:26 00:00:00 [jbd2/nvme0n1p1-]  172 0.0 0.0 ? S< 16:09:26 00:00:00 [ext4-rsv-conver]  247 0.0 0.0 ? S< 16:09:27 00:00:00 [kworker/0:1H]  272 0.0 0.0 ? S< 16:09:33 00:00:00 [loop0]  347 0.0 0.0 ? S 16:09:35 00:00:00 [kworker/u8:2]  385 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/lib/systemd/systemd-udevd  411 0.0 0.0 ? Ss 16:09:35 00:00:00 /usr/sbin/lvmetad -f  506 0.0 0.0 ? S< 16:09:36 00:00:00 [ena]  704 0.0 0.0 ? S 16:09:36 00:00:00 [kworker/1:1]  736 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/mcelog --ignorenodev --daemon --foreground  750 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/bin/ProcMonitor  754 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/lib/systemd/systemd-logind  755 0.0 0.1 ? Ss 16:09:36 00:00:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  783 0.0 0.0 ? Ss 16:09:36 00:00:00 /usr/sbin/xinetd -stayalive -pidfile /var/run/xinetd.pid  886 0.0 0.0 ? Ss 16:09:37 00:00:00 /usr/sbin/crond -n  892 0.0 0.0 ? S<s 16:09:37 00:00:00 /usr/bin/wdogdev -t 60  984 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/local.new . && mv /mnt/flash/persist/local.new /mnt/flash/persist/local || logger -t SetupPersist Failed to update /mnt/flash/persist/local --daemon --logfile=/var/log/inotifyrun-local.log --pidfile=/var/run/inotifyrun-local.pid /persist/local  987 0.0 0.0 pts/0 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  998 0.0 0.0 ? Ss 16:09:39 00:00:00 /usr/bin/SaveFossil --dedup --compress --priority Sysdb --maxFiles 1000 /var/tmp/Fossil /mnt/flash/Fossil  1006 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/sys.new . && mv /mnt/flash/persist/sys.new /mnt/flash/persist/sys || logger -t SetupPersist Failed to update /mnt/flash/persist/sys --daemon --logfile=/var/log/inotifyrun-sys.log --pidfile=/var/run/inotifyrun-sys.pid /persist/sys  1008 0.0 0.0 pts/1 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1020 0.0 0.0 ? S 16:09:39 00:00:00 python /usr/bin/inotifyrun -c pax -x sv4cpio -O -w -f /mnt/flash/persist/secure.new . && sync && ( mv /mnt/flash/persist/secure /mnt/flash/persist/secure.old; mv /mnt/flash/persist/secure.new /mnt/flash/persist/secure; sync ) && ( scrub --no-signature /mnt/flash/persist/secure.old; rm /mnt/flash/persist/secure.old ) || logger -t SetupPersist Failed to update /mnt/flash/persist/secure --daemon --logfile=/var/log/inotifyrun-secure.log --pidfile=/var/run/inotifyrun-secure.pid /persist/secure  1023 0.0 0.0 pts/2 Ss+ 16:09:39 00:00:00 inotifywait -m -r -e modify -e create -e delete -e attrib -e move .  1051 0.0 0.0 ? Ss 16:09:40 00:00:00 /bin/bash /usr/sbin/core\_annotate\_util daemon  1166 0.0 0.1 ? S 16:09:44 00:00:00 python /bin/immortalize --daemonize --log=/var/log/agents/ConnMgr --logappend --logpidsuffix --maxcredits=5 --cost=1 --immortalizepidfile=/var/run/ImmortalizeConnMgr.pid /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1167 0.0 0.1 ? S 16:09:44 00:00:00 /usr/bin/ConnMgr -p /var/run/ConnMgr.pid  1200 0.0 0.0 ? S 16:09:44 00:00:00 inotifywait -e modify /var/lib/rpm  1203 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-watcher -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1205 0.0 0.3 ? S 16:09:50 00:00:00 netnsd-server -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1219 0.0 0.9 ? S 16:09:50 00:00:00 ProcMgr-master  1430 0.0 0.0 ? S 16:10:04 00:00:02 /usr/bin/EosOomAdjust  1438 0.0 0.0 ? S 16:10:04 00:00:00 [rbfd\_vrf\_cleanu]  1453 0.0 0.0 ? Ss 16:10:04 00:00:00 /usr/sbin/acpid  1490 0.0 0.0 ? S 16:10:04 00:00:00 /usr/bin/SlabMonitor  1568 0.0 1.2 ? S 16:10:07 00:00:00 StageMgr  1571 0.0 1.4 ? S 16:10:07 00:00:00 Fru  1572 0.0 1.8 ? S 16:10:08 00:00:00 Launcher  1688 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=Lldp --demuxerOpts=267022308128,267022046453,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lldp  1690 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=McastCommon --demuxerOpts=267060701420,267060508537,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon  1691 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1693 0.0 1.2 ? S 16:10:28 00:00:02 Lldp  1694 0.0 0.0 ? S 16:10:28 00:00:00 netns --agenttitle=PortSec --demuxerOpts=267110961213,267109664682,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PortSec  1695 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1696 0.0 1.2 ? S 16:10:28 00:00:01 McastCommon  1697 0.0 0.3 ? Ss 16:10:28 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1698 0.0 1.1 ? S 16:10:28 00:00:00 PortSec  1714 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Bfd --demuxerOpts=267287943293,267201183478,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Bfd  1715 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1717 0.0 1.3 ? S 16:10:29 00:00:01 Bfd  1718 0.0 0.0 ? S< 16:10:29 00:00:00 [kworker/1:1H]  1719 0.0 0.0 ? S 16:10:29 00:00:00 netns --agenttitle=Lag --demuxerOpts=271081382312,270995105784,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Lag  1722 0.0 0.3 ? Ss 16:10:29 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1726 0.0 1.3 ? S 16:10:29 00:00:04 Lag  1729 0.0 1.7 ? S 16:10:29 00:00:10 SuperServer  1734 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Ira --demuxerOpts=274988497901,271357642443,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ira  1735 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1736 0.0 1.4 ? S 16:10:30 00:00:01 Ira  1738 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=LedPolicy --demuxerOpts=275250997605,275154076090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LedPolicy  1740 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1741 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=EventMgr --demuxerOpts=275322741078,275313300522,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/EventMgr  1742 0.0 1.1 ? S 16:10:30 00:00:00 LedPolicy  1743 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1744 0.0 1.3 ? S 16:10:30 00:00:02 EventMgr  1745 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StpTxRx --demuxerOpts=275444901964,275402374762,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTxRx  1746 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1747 0.0 1.2 ? S 16:10:30 00:00:06 StpTxRx  1748 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=StandbyCpld --demuxerOpts=275574357813,275495834090,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StandbyCpld  1749 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1750 0.0 1.1 ? S 16:10:30 00:00:00 StandbyCpld  1751 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=AgentMonitor --demuxerOpts=275690651150,275669274609,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/AgentMonitor  1753 0.0 0.3 ? Ss 16:10:30 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1754 0.0 0.0 ? S 16:10:30 00:00:00 netns --agenttitle=Tunnel --demuxerOpts=275828291876,275803253646,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Tunnel  1755 0.0 1.0 ? S 16:10:30 00:00:11 AgentMonitor  1756 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1757 0.0 1.5 ? Sl 16:10:31 00:00:03 Aaa  1758 0.0 1.2 ? S 16:10:31 00:00:00 Tunnel  1759 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=StpTopology --demuxerOpts=279461268794,279461053568,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StpTopology  1761 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Acl --demuxerOpts=279657298608,279657060623,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Acl  1762 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1763 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1764 0.0 1.2 ? S 16:10:31 00:00:01 StpTopology  1765 0.0 1.3 ? S 16:10:31 00:00:06 Acl  1766 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=Stp --demuxerOpts=279904248479,279849063698,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Stp  1767 0.0 0.3 ? Ss 16:10:31 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1768 0.0 1.1 ? S 16:10:31 00:00:01 Stp  1769 0.0 0.0 ? S 16:10:31 00:00:00 netns --agenttitle=KernelNetworkInfo --demuxerOpts=280070978812,280040277887,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelNetworkInfo  1770 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1772 0.0 1.1 ? S 16:10:32 00:00:00 KernelNetworkInfo  1773 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=McastCommon6 --demuxerOpts=283496234961,283496022668,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/McastCommon6  1775 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1776 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=LacpTxAgent --demuxerOpts=283670009272,283654033031,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LacpTxAgent  1777 0.0 1.2 ? S 16:10:32 00:00:01 McastCommon6  1779 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1780 0.0 1.2 ? S 16:10:32 00:00:01 LacpTxAgent  1782 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=Arp --demuxerOpts=283962169714,283884454900,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Arp  1783 0.0 0.3 ? Ss 16:10:32 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1785 0.0 1.4 ? S 16:10:32 00:00:01 Arp  1787 0.0 0.0 ? S 16:10:32 00:00:00 netns --agenttitle=KernelFib --demuxerOpts=284368944078,284152030106,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/KernelFib  1788 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1789 0.0 1.3 ? S 16:10:33 00:00:01 KernelFib  1790 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Qos --demuxerOpts=287951299826,287794979486,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Qos  1792 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1793 0.0 1.2 ? S 16:10:33 00:00:00 Qos  1795 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=Thermostat --demuxerOpts=288248865373,288063169954,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Thermostat  1797 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1799 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=L2Rib --demuxerOpts=288352399604,288352136405,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/L2Rib  1801 0.0 1.1 ? S 16:10:33 00:00:00 Thermostat  1803 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1804 0.0 0.0 ? S 16:10:33 00:00:00 netns --agenttitle=TopoAgent --demuxerOpts=288556229908,288555994956,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/TopoAgent --scheduled  1806 0.0 1.2 ? S 16:10:33 00:00:00 L2Rib  1809 0.0 0.3 ? Ss 16:10:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1810 0.0 1.1 ? S 16:10:34 00:00:00 TopoAgent  1811 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerFuse --demuxerOpts=292069625737,292066417655,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerFuse  1813 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1815 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=PowerManager --demuxerOpts=292307240803,292274815881,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/PowerManager  1816 0.0 1.0 ? S 16:10:34 00:00:00 PowerFuse  1817 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1819 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=Ebra --demuxerOpts=292498169297,292497956396,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ebra  1822 0.0 1.1 ? S 16:10:34 00:00:00 PowerManager  1823 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1826 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=ReloadCauseAgent --demuxerOpts=292791615266,292746210228,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ReloadCauseAgent  1827 0.0 1.3 ? S 16:10:34 00:00:02 Ebra  1831 0.0 0.3 ? Ss 16:10:34 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1833 0.0 0.0 ? S 16:10:34 00:00:00 netns --agenttitle=SharedSecretProfile --demuxerOpts=292974197331,292973964529,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/SharedSecretProfile  1837 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1839 0.0 1.1 ? S 16:10:35 00:00:00 ReloadCauseAgent  1840 0.0 1.5 ? S 16:10:35 00:00:01 IgmpSnooping  1842 0.0 1.0 ? S 16:10:35 00:00:00 SharedSecretProfile  1864 0.0 0.0 ? S 16:10:35 00:00:00 netns --agenttitle=Sfe --demuxerOpts=297106316632,297106081843,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Sfe  1865 0.0 0.3 ? Ss 16:10:35 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1881 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=StaticRoute --demuxerOpts=301046223259,301035905330,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/StaticRoute --scheduled  1883 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1886 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=IpRib --demuxerOpts=301197056671,301187894591,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/IpRib --scheduled  1887 0.0 1.3 ? S 16:10:36 00:00:00 StaticRoute  1889 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1890 0.0 1.6 ? S 16:10:36 00:00:03 IpRib  1892 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=BgpCliHelper --demuxerOpts=301382661484,301331080415,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/BgpCliHelper --scheduled  1893 0.0 0.3 ? Ss 16:10:36 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1895 0.0 1.8 ? S 16:10:36 00:00:02 BgpCliHelper  1896 0.0 0.0 ? S 16:10:36 00:00:00 netns --agenttitle=ConnectedRoute --demuxerOpts=301560922350,301533425877,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/ConnectedRoute  1901 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1905 0.0 1.2 ? S 16:10:37 00:00:01 ConnectedRoute  1907 0.0 0.0 ? S 16:10:37 00:00:00 netns --agenttitle=RouteInput --demuxerOpts=305119965463,304973045214,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/RouteInput  1910 0.0 0.3 ? Ss 16:10:37 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  1911 0.0 2.2 ? Sl 16:10:37 00:00:05 Bgp  1913 0.0 1.3 ? S 16:10:37 00:00:00 RouteInput  2276 0.0 0.0 ? S 16:10:47 00:00:00 netns --agenttitle=LicenseManager --demuxerOpts=348517528299,348517276781,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/LicenseManager  2279 0.0 0.3 ? Ss 16:10:47 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2282 0.0 1.1 ? S 16:10:47 00:00:00 LicenseManager  2285 0.0 0.0 ? Ssl 16:10:47 00:00:00 /usr/sbin/rsyslogd -n  2338 0.0 0.0 ? S 16:10:48 00:00:00 /usr/sbin/dnsmasq  2571 0.0 0.0 ? Zs 16:10:50 00:00:00 [SuperServer] <defunct>  2613 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/conlogd  2614 0.0 0.0 ttyS0 Ss+ 16:10:51 00:00:00 /sbin/mingetty --noclear /dev/ttyS0  2615 0.0 0.0 tty1 Ss+ 16:10:51 00:00:00 /sbin/agetty --noclear tty1 linux  2618 0.0 0.0 ? S 16:10:51 00:00:00 sh -c /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console | sed 's/\(.\*\)/\1\r/'  2620 0.0 0.0 ? S 16:10:51 00:00:00 /usr/bin/tail -n 0 --retry --follow=name --pid=2613 /var/log/eos-console  2621 0.0 0.0 ? S 16:10:51 00:00:00 sed s/\(.\*\)/\1\r/  2675 0.0 0.0 ? S 16:10:52 00:00:00 netns --agenttitle=Ipsec --demuxerOpts=369420756030,369420505813,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/Ipsec  2676 0.0 0.3 ? Ss 16:10:52 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  2680 0.0 1.2 ? S 16:10:52 00:00:02 Ipsec  2700 0.0 0.4 ? Ss 16:10:52 00:00:00 dhclient -e SYSNAME=ar -e SYSDBSOCKNAME=sysdb -e VRFNAME=default -sf /etc/dhcp/dhclient-script.py -pf /var/run/dhclient-default.pid -cf /etc/dhcp/dhclient-default.conf -lf /var/lib/dhclient/dhclient-default.leases -e et1=Ethernet1  2729 0.0 0.1 ? Ssl 16:10:53 00:00:00 ntpd -u ntp:ntp -g -p /var/run/ntpd.pid  2734 0.0 0.0 ? Ss 16:10:56 00:00:00 fusermount -o rw,nosuid,nodev,allow\_other,auto\_unmount,subtype=MfibFuse -- /BessProc  2806 0.0 0.0 ? S 16:11:06 00:00:00 /bin/sh /var/awslogs/bin/awslogs-agent-launcher.sh  3363 0.0 0.0 ? Ss 16:13:28 00:00:00 /usr/libexec/strongswan/starter --daemon charon  3365 0.0 0.1 ? Ssl 16:13:28 00:00:00 /usr/libexec/strongswan/charon --use-syslog  4661 0.0 0.0 ? S 16:32:33 00:00:00 netns --agenttitle=CapiApp --demuxerOpts=5957835036638,5957834774817,tbl://sysdb/+n,Sysdb (pid:1491) --sysdbfd=7 --dlopen procmgr /usr/bin/CapiApp --ini /etc/uwsgi/CapiApp.ini  4662 0.0 0.3 ? Ss 16:32:33 00:00:00 netnsd-session -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4663 0.0 1.3 ? Sl 16:32:33 00:00:00 CapiApp -d -i --dlopen -p -f -l libLoadDynamicLibs.so procmgr libProcMgrSetup.so --daemonize  4707 0.0 0.0 ? Ss 16:32:34 00:00:00 nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf -g pid /var/run/nginx.pid;  4709 0.0 0.1 ? S 16:32:34 00:00:00 nginx: worker process  15667 0.0 0.0 ? S 19:13:00 00:00:00 [kworker/0:1] 16263 0.0 0.0 ? S 19:19:00 00:00:00 [kworker/0:2] 16966 0.0 0.0 ? S 19:30:00 00:00:00 [kworker/0:3] 17936 0.0 0.0 ? S 19:36:01 00:00:00 [kworker/0:0] 18536 0.0 0.0 ? Rs 19:39:03 00:00:00 ps -e -o pid,pcpu,pmem,tt,stat,lstart,start,time,cmd --sort=-pcpu -ww . |

## 16.5 Test Case: Test ntp configuration

### 16.5.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 177 |
| Name | test\_ntp\_configuration\_on\_ |
| Description | Verifies NTP configuration matches the recommended practices |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEOSEdge1| NTP config. GIVEN NTP config |ntp server 169.254.169.123 |. WHEN NTP config |ntp server 169.254.169.123 |. THEN test case result is |True|. |

### 16.5.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 178 |
| Name | test\_ntp\_configuration\_on\_ |
| Description | Verifies NTP configuration matches the recommended practices |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEOSEdge2| NTP config. GIVEN NTP config |ntp server 169.254.169.123 |. WHEN NTP config |ntp server 169.254.169.123 |. THEN test case result is |True|. |

### 16.5.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 179 |
| Name | test\_ntp\_configuration\_on\_ |
| Description | Verifies NTP configuration matches the recommended practices |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEosRR1| NTP config. GIVEN NTP config |ntp server 169.254.169.123 |. WHEN NTP config |ntp server 169.254.169.123 |. THEN test case result is |True|. |

### 16.5.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 180 |
| Name | test\_ntp\_configuration\_on\_ |
| Description | Verifies NTP configuration matches the recommended practices |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | None |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST |kg-topology-CloudEosRR2| NTP config. GIVEN NTP config |ntp server 169.254.169.123 |. WHEN NTP config |ntp server 169.254.169.123 |. THEN test case result is |True|. |

# 17. Detailed Test Suite Results: Users

## 17.1 Test Case: Test if usernames are configured

### 17.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 181 |
| Name | test\_if\_usernames\_are\_configured\_on\_ |
| Description | Verify username is set correctly |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show running-config section username |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ec2-user username configured on |kg-topology-CloudEOSEdge1|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  TEST is kgrozis username configured on |kg-topology-CloudEOSEdge1|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  OUTPUT of |show running-config section username| is :  no username admin ! username ec2-user nopassword username ec2-user ssh-key ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCW9oTsCjh4dXhU/8P7WwXmgYoJqHcHwPXkCYWklBGHpvgjUBAekGJSfwgM+KMX6e1dX/jKXroFSiRGzafQadO2U2UryY7+1gS90vZ7KRam73Kyy83Is1+ptpgrAvc/F2zIl8PGBQAw3smkkIg6SIT2Rs1L+w+9iYgl0UX/wBuf7pIIjOXDaFBM8QFLMFK0msSIcwPKydoWLFOWbDdn9XxPsiJ5CRJfk2MWAgrXCgb0+4NYgaGRCYM+UJqElSmIj5LhLOf5BJppYNFGCvkMl6wUuBjbpgElefBKOgJbx8prlRIebcSSlutQdxrfcqS/evdLpqr6z9I0CVrr+j1hK4ID kgrozis-east2 username kgrozis secret sha512 $6$v79HvPRjgAsoZgMx$oKhb5cP4jZRmSbW4d0AGyN.2yImvSEhdfo3YiLiVrtKWphCSxxtKj15r/Mkldk614h8e2nCYxOLO1siJ0wB7f. . |

### 17.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 182 |
| Name | test\_if\_usernames\_are\_configured\_on\_ |
| Description | Verify username is set correctly |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show running-config section username |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ec2-user username configured on |kg-topology-CloudEOSEdge2|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  TEST is kgrozis username configured on |kg-topology-CloudEOSEdge2|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  OUTPUT of |show running-config section username| is :  no username admin ! username ec2-user nopassword username ec2-user ssh-key ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCW9oTsCjh4dXhU/8P7WwXmgYoJqHcHwPXkCYWklBGHpvgjUBAekGJSfwgM+KMX6e1dX/jKXroFSiRGzafQadO2U2UryY7+1gS90vZ7KRam73Kyy83Is1+ptpgrAvc/F2zIl8PGBQAw3smkkIg6SIT2Rs1L+w+9iYgl0UX/wBuf7pIIjOXDaFBM8QFLMFK0msSIcwPKydoWLFOWbDdn9XxPsiJ5CRJfk2MWAgrXCgb0+4NYgaGRCYM+UJqElSmIj5LhLOf5BJppYNFGCvkMl6wUuBjbpgElefBKOgJbx8prlRIebcSSlutQdxrfcqS/evdLpqr6z9I0CVrr+j1hK4ID kgrozis-east2 username kgrozis secret sha512 $6$v79HvPRjgAsoZgMx$oKhb5cP4jZRmSbW4d0AGyN.2yImvSEhdfo3YiLiVrtKWphCSxxtKj15r/Mkldk614h8e2nCYxOLO1siJ0wB7f. . |

### 17.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 183 |
| Name | test\_if\_usernames\_are\_configured\_on\_ |
| Description | Verify username is set correctly |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show running-config section username |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ec2-user username configured on |kg-topology-CloudEosRR1|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  TEST is kgrozis username configured on |kg-topology-CloudEosRR1|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  OUTPUT of |show running-config section username| is :  no username admin ! username ec2-user nopassword username ec2-user ssh-key ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCW9oTsCjh4dXhU/8P7WwXmgYoJqHcHwPXkCYWklBGHpvgjUBAekGJSfwgM+KMX6e1dX/jKXroFSiRGzafQadO2U2UryY7+1gS90vZ7KRam73Kyy83Is1+ptpgrAvc/F2zIl8PGBQAw3smkkIg6SIT2Rs1L+w+9iYgl0UX/wBuf7pIIjOXDaFBM8QFLMFK0msSIcwPKydoWLFOWbDdn9XxPsiJ5CRJfk2MWAgrXCgb0+4NYgaGRCYM+UJqElSmIj5LhLOf5BJppYNFGCvkMl6wUuBjbpgElefBKOgJbx8prlRIebcSSlutQdxrfcqS/evdLpqr6z9I0CVrr+j1hK4ID kgrozis-east2 username kgrozis secret sha512 $6$v79HvPRjgAsoZgMx$oKhb5cP4jZRmSbW4d0AGyN.2yImvSEhdfo3YiLiVrtKWphCSxxtKj15r/Mkldk614h8e2nCYxOLO1siJ0wB7f. . |

### 17.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 184 |
| Name | test\_if\_usernames\_are\_configured\_on\_ |
| Description | Verify username is set correctly |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show running-config section username |
| Expected output | [True, True] |
| Actual output | [True, True] |
| Test result | True |
| Fail reason |  |
| Comment | TEST is ec2-user username configured on |kg-topology-CloudEosRR2|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  TEST is kgrozis username configured on |kg-topology-CloudEosRR2|. GIVEN username configured status: |True|. WHEN username configured status: |True|. THEN test case result is |True|.  OUTPUT of |show running-config section username| is :  no username admin ! username ec2-user nopassword username ec2-user ssh-key ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCW9oTsCjh4dXhU/8P7WwXmgYoJqHcHwPXkCYWklBGHpvgjUBAekGJSfwgM+KMX6e1dX/jKXroFSiRGzafQadO2U2UryY7+1gS90vZ7KRam73Kyy83Is1+ptpgrAvc/F2zIl8PGBQAw3smkkIg6SIT2Rs1L+w+9iYgl0UX/wBuf7pIIjOXDaFBM8QFLMFK0msSIcwPKydoWLFOWbDdn9XxPsiJ5CRJfk2MWAgrXCgb0+4NYgaGRCYM+UJqElSmIj5LhLOf5BJppYNFGCvkMl6wUuBjbpgElefBKOgJbx8prlRIebcSSlutQdxrfcqS/evdLpqr6z9I0CVrr+j1hK4ID kgrozis-east2 username kgrozis secret sha512 $6$v79HvPRjgAsoZgMx$oKhb5cP4jZRmSbW4d0AGyN.2yImvSEhdfo3YiLiVrtKWphCSxxtKj15r/Mkldk614h8e2nCYxOLO1siJ0wB7f. . |

# 18. Detailed Test Suite Results: Memory

## 18.1 Test Case: Test memory utilization

### 18.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 185 |
| Name | test\_memory\_utilization\_on\_ |
| Description | Verify memory is not exceeding high utlization |
| Device under test | kg-topology-CloudEOSEdge1 |
| Show command | show version |
| Expected output | 70 |
| Actual output | 41.44511337894002 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if memory utilization is less than specified value on |kg-topology-CloudEOSEdge1|. GIVEN memory utilization is less than |70|. WHEN memory utilization is |41.44511337894002|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 2558EB294EF3A2315BD5C74CC8EF82B5 System MAC address: 02c7.3dc5.48ec  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7818736 kB Free memory: 3237320 kB |

### 18.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 186 |
| Name | test\_memory\_utilization\_on\_ |
| Description | Verify memory is not exceeding high utlization |
| Device under test | kg-topology-CloudEOSEdge2 |
| Show command | show version |
| Expected output | 70 |
| Actual output | 40.24061663165576 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if memory utilization is less than specified value on |kg-topology-CloudEOSEdge2|. GIVEN memory utilization is less than |70|. WHEN memory utilization is |40.24061663165576|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 3DDBFE4B418547EC9723B071ED29FC86 System MAC address: 068a.f245.1896  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7761392 kB Free memory: 3137792 kB |

### 18.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 187 |
| Name | test\_memory\_utilization\_on\_ |
| Description | Verify memory is not exceeding high utlization |
| Device under test | kg-topology-CloudEosRR1 |
| Show command | show version |
| Expected output | 70 |
| Actual output | 42.511986592206206 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if memory utilization is less than specified value on |kg-topology-CloudEosRR1|. GIVEN memory utilization is less than |70|. WHEN memory utilization is |42.511986592206206|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 3075D517B750B3A4AE23DED82DFAF702 System MAC address: 02df.de50.a8f9  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7818736 kB Free memory: 3329340 kB |

### 18.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 188 |
| Name | test\_memory\_utilization\_on\_ |
| Description | Verify memory is not exceeding high utlization |
| Device under test | kg-topology-CloudEosRR2 |
| Show command | show version |
| Expected output | 70 |
| Actual output | 42.77223326123302 |
| Test result | True |
| Fail reason |  |
| Comment | TEST if memory utilization is less than specified value on |kg-topology-CloudEosRR2|. GIVEN memory utilization is less than |70|. WHEN memory utilization is |42.77223326123302|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 5AF63C12E54F39466CB6E9CC07325A44 System MAC address: 06aa.1af7.287f  Software image version: 4.24.0FX-cloud Architecture: x86\_64 Internal build version: 4.24.0FX-cloud-16811629.4240FX Internal build ID: 4d308dc3-e34e-4c33-b790-7f443d4288fe  Uptime: 0 weeks, 0 days, 3 hours and 29 minutes Total memory: 7818736 kB Free memory: 3339176 kB |