Test Report

September 17, 2020 07:50:09PM

# 1. Test Results Summary

## 1.1 Summary Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored | Total Duration |
| 204 | 188 | 0 | 16 | 0 | 39.76606607437134 |

## 1.2 Summary Totals for Devices Under Tests

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DUT | Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored |
| kg-topology-CloudEosRR1 | 51 | 47 | 0 | 4 | 0 |
| kg-topology-CloudEosRR2 | 51 | 47 | 0 | 4 | 0 |
| kg-topology-CloudEOSEdge1 | 51 | 47 | 0 | 4 | 0 |
| kg-topology-CloudEOSEdge2 | 51 | 47 | 0 | 4 | 0 |

## 1.3 Summary Totals for Test Suites

|  |  |  |  |
| --- | --- | --- | --- |
| Suite | Total Tests | Total Passed | Total Failed |
| INTERFACE | 40 | 40 | 0 |
| MEMORY | 4 | 4 | 0 |

# 2. Test Case Results Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Id | Test Suite | Test Case | DUT | Result | Reason for Failure |
| 1 | INTERFACE | Test if interface link status is connected | kg-topology-CloudEosRR1 | PASS |  |
| 2 | INTERFACE | Test if interface link status is connected | kg-topology-CloudEosRR2 | PASS |  |
| 3 | INTERFACE | Test if interface link status is connected | kg-topology-CloudEOSEdge1 | PASS |  |
| 4 | INTERFACE | Test if interface link status is connected | kg-topology-CloudEOSEdge2 | PASS |  |
| 5 | INTERFACE | Test if interface counters has frame too short errors | kg-topology-CloudEosRR1 | PASS |  |
| 6 | INTERFACE | Test if interface counters has frame too short errors | kg-topology-CloudEosRR2 | PASS |  |
| 7 | INTERFACE | Test if interface counters has frame too short errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 8 | INTERFACE | Test if interface counters has frame too short errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 9 | INTERFACE | Test if interface counters has input errors | kg-topology-CloudEosRR1 | PASS |  |
| 10 | INTERFACE | Test if interface counters has input errors | kg-topology-CloudEosRR2 | PASS |  |
| 11 | INTERFACE | Test if interface counters has input errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 12 | INTERFACE | Test if interface counters has input errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 13 | INTERFACE | Test if interface counters has symbol errors | kg-topology-CloudEosRR1 | PASS |  |
| 14 | INTERFACE | Test if interface counters has symbol errors | kg-topology-CloudEosRR2 | PASS |  |
| 15 | INTERFACE | Test if interface counters has symbol errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 16 | INTERFACE | Test if interface counters has symbol errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 17 | INTERFACE | Test if interface counters has fcs errors | kg-topology-CloudEosRR1 | PASS |  |
| 18 | INTERFACE | Test if interface counters has fcs errors | kg-topology-CloudEosRR2 | PASS |  |
| 19 | INTERFACE | Test if interface counters has fcs errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 20 | INTERFACE | Test if interface counters has fcs errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 21 | INTERFACE | Test if interface phy status connected | kg-topology-CloudEosRR1 | PASS |  |
| 22 | INTERFACE | Test if interface phy status connected | kg-topology-CloudEosRR2 | PASS |  |
| 23 | INTERFACE | Test if interface phy status connected | kg-topology-CloudEOSEdge1 | PASS |  |
| 24 | INTERFACE | Test if interface phy status connected | kg-topology-CloudEOSEdge2 | PASS |  |
| 25 | INTERFACE | Test if interface counters has frame too long errors | kg-topology-CloudEosRR1 | PASS |  |
| 26 | INTERFACE | Test if interface counters has frame too long errors | kg-topology-CloudEosRR2 | PASS |  |
| 27 | INTERFACE | Test if interface counters has frame too long errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 28 | INTERFACE | Test if interface counters has frame too long errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 29 | INTERFACE | Test if interface protocol status is connected | kg-topology-CloudEosRR1 | PASS |  |
| 30 | INTERFACE | Test if interface protocol status is connected | kg-topology-CloudEosRR2 | PASS |  |
| 31 | INTERFACE | Test if interface protocol status is connected | kg-topology-CloudEOSEdge1 | PASS |  |
| 32 | INTERFACE | Test if interface protocol status is connected | kg-topology-CloudEOSEdge2 | PASS |  |
| 33 | INTERFACE | Test if interface counters has output errors | kg-topology-CloudEosRR1 | PASS |  |
| 34 | INTERFACE | Test if interface counters has output errors | kg-topology-CloudEosRR2 | PASS |  |
| 35 | INTERFACE | Test if interface counters has output errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 36 | INTERFACE | Test if interface counters has output errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 37 | INTERFACE | Test if interface counters has alignment errors | kg-topology-CloudEosRR1 | PASS |  |
| 38 | INTERFACE | Test if interface counters has alignment errors | kg-topology-CloudEosRR2 | PASS |  |
| 39 | INTERFACE | Test if interface counters has alignment errors | kg-topology-CloudEOSEdge1 | PASS |  |
| 40 | INTERFACE | Test if interface counters has alignment errors | kg-topology-CloudEOSEdge2 | PASS |  |
| 41 | MEMORY | Test memory utilization | kg-topology-CloudEosRR1 | PASS |  |
| 42 | MEMORY | Test memory utilization | kg-topology-CloudEosRR2 | PASS |  |
| 43 | MEMORY | Test memory utilization | kg-topology-CloudEOSEdge1 | PASS |  |
| 44 | MEMORY | Test memory utilization | kg-topology-CloudEOSEdge2 | PASS |  |

# 3. Detailed Test Suite Results: INTERFACE

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

Description: Verify the interfaces of interest link statuses are connected

### 3.1.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.1.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.1.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.1.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.2 Test Case: Test if interface counters has frame too short errors

Description: Verify the interfaces of interest have no frameTooShorts errors

### 3.2.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.2.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.2.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.2.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.3 Test Case: Test if interface counters has input errors

Description: Verify the interfaces of interest does not have input errors

### 3.3.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.3.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.3.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.3.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.4 Test Case: Test if interface counters has symbol errors

Description: Verify the interfaces of interest have no symbolErrors errors

### 3.4.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.4.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.4.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.4.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.5 Test Case: Test if interface counters has fcs errors

Description: Verify the interfaces of interest have no fcsErrors errors

### 3.5.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.5.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.5.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.5.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

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

Description: Verify the interfaces of interest link statuses are connected

### 3.6.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.6.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.6.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.6.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.7 Test Case: Test if interface counters has frame too long errors

Description: Verify the interfaces of interest have no frameTooLong errors

### 3.7.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.7.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.7.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.7.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

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

Description: Verify the interfaces of interest protocol statuses are connected

### 3.8.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.8.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.8.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.8.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.9 Test Case: Test if interface counters has output errors

Description: Verify the interfaces of interest does not have outut errors

### 3.9.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.9.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.9.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.9.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

## 3.10 Test Case: Test if interface counters has alignment errors

Description: Verify the interfaces of interest have no alignmentErrors errors

### 3.10.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 3.10.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 3.10.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 3.10.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

# 4. Detailed Test Suite Results: MEMORY

## 4.1 Test Case: Test memory utilization

Description: Verify memory is not exceeding high utlization

### 4.1.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

### 4.1.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

### 4.1.3 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

### 4.1.4 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2