Test Report

October 07, 2020 03:32:06PM

# 1. Test Results Summary

## 1.1 Summary Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored | Total Duration |
| 8 | 8 | 0 | 0 | 0 | 4.529309272766113 |

## 1.2 Summary Totals for Devices Under Tests

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DUT | Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored |
| kg-topology-CloudEosRR1 | 2 | 2 | 0 | 0 | 0 |
| kg-topology-CloudEosRR2 | 2 | 2 | 0 | 0 | 0 |
| kg-topology-CloudEOSEdge1 | 2 | 2 | 0 | 0 | 0 |
| kg-topology-CloudEOSEdge2 | 2 | 2 | 0 | 0 | 0 |

## 1.3 Summary Totals for Test Suites

|  |  |  |  |
| --- | --- | --- | --- |
| Test Suite | Total Tests | Total Passed | Total Failed |
| System | 8 | 8 | 0 |

# 2. Test Case Results Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Id | Test Suite | Test Case | DUT | Result | Failure Reason |
| 1 | System | Test if eos version is correct | kg-topology-CloudEOSEdge1 | PASS |  |
| 2 | System | Test if eos version is correct | kg-topology-CloudEOSEdge2 | PASS |  |
| 3 | System | Test if eos version is correct | kg-topology-CloudEosRR1 | PASS |  |
| 4 | System | Test if eos version is correct | kg-topology-CloudEosRR2 | PASS |  |
| 5 | System | Test if there is agents have crashed | kg-topology-CloudEOSEdge1 | PASS |  |
| 6 | System | Test if there is agents have crashed | kg-topology-CloudEOSEdge2 | PASS |  |
| 7 | System | Test if there is agents have crashed | kg-topology-CloudEosRR1 | PASS |  |
| 8 | System | Test if there is agents have crashed | kg-topology-CloudEosRR2 | PASS |  |

# 3. Detailed Test Suite Results: System

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

### 3.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 1 |
| 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 | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Test result | True |
| Fail reason |  |
| 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 |4.23.1F-cloud-16179785.jakartarel (engineering build)|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: DB3968957436BF7623C810C9F13FC97E System MAC address: 029e.d20a.bbfc  Software image version: 4.23.1F-cloud-16179785.jakartarel (engineering build) Architecture: x86\_64 Internal build version: 4.23.1F-cloud-16179785.jakartarel Internal build ID: 6bc96200-86c1-4e86-bed7-8280a6802809  Uptime: 7 weeks, 6 days, 14 hours and 14 minutes Total memory: 7818736 kB Free memory: 2694772 kB |

### 3.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 2 |
| 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 | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Test result | True |
| Fail reason |  |
| 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 |4.23.1F-cloud-16179785.jakartarel (engineering build)|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: DE52F26D16E91F22BB1B507175C8C765 System MAC address: 0635.02ca.8297  Software image version: 4.23.1F-cloud-16179785.jakartarel (engineering build) Architecture: x86\_64 Internal build version: 4.23.1F-cloud-16179785.jakartarel Internal build ID: 6bc96200-86c1-4e86-bed7-8280a6802809  Uptime: 7 weeks, 6 days, 14 hours and 14 minutes Total memory: 7761392 kB Free memory: 2799392 kB |

### 3.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 3 |
| 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 | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Test result | True |
| Fail reason |  |
| 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 |4.23.1F-cloud-16179785.jakartarel (engineering build)|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 9B112703F293F47ADC3EE25318457B64 System MAC address: 0246.bb59.d5ae  Software image version: 4.23.1F-cloud-16179785.jakartarel (engineering build) Architecture: x86\_64 Internal build version: 4.23.1F-cloud-16179785.jakartarel Internal build ID: 6bc96200-86c1-4e86-bed7-8280a6802809  Uptime: 1 weeks, 2 days, 2 hours and 24 minutes Total memory: 7761392 kB Free memory: 3256956 kB |

### 3.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 4 |
| 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 | 4.23.1F-cloud-16179785.jakartarel (engineering build) |
| Test result | True |
| Fail reason |  |
| 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 |4.23.1F-cloud-16179785.jakartarel (engineering build)|. THEN test case result is |True|. OUTPUT of |show version| is:  Arista vEOS Hardware version:  Serial number: 93F97AD3A1044C742872BA1CFA684D63 System MAC address: 0654.9b7c.b00f  Software image version: 4.23.1F-cloud-16179785.jakartarel (engineering build) Architecture: x86\_64 Internal build version: 4.23.1F-cloud-16179785.jakartarel Internal build ID: 6bc96200-86c1-4e86-bed7-8280a6802809  Uptime: 1 weeks, 2 days, 2 hours and 26 minutes Total memory: 7761392 kB Free memory: 3260680 kB |

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

### 3.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 5 |
| 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: . |

### 3.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 6 |
| 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: . |

### 3.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 7 |
| 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: . |

### 3.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 8 |
| 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: . |