Test Report

December 03, 2020 04:02:22PM

# 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 | 48.783289432525635 |

## 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 |
| Memory | 2 | 0 | 2 |

# 2. Test Case Results Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Id | Test Suite | Test Case | DUT | Result | Failure Reason |
| 1 | Memory | Test memory utilization | kg-topology-CloudEosRR1 | FAIL | On router |kg-topology-CloudEosRR1| memory utilization percent is |37.99268833223171%| and should be under |1%| |
| 2 | Memory | Test memory utilization | kg-topology-CloudEosRR2 | FAIL | On router |kg-topology-CloudEosRR2| memory utilization percent is |38.08707699044961%| and should be under |1%| |

# 3. Detailed Test Suite Results: Memory

## 3.1 Test Case: Test memory utilization

### 3.1.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 1 |
| 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 | 1 |
| Actual output | 37.99268833223171 |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR1| memory utilization percent is |37.99268833223171%| and should be under |1%| |
| Comment | TEST if memory utilization is less than specified value on |kg-topology-CloudEosRR1|. GIVEN memory utilization is less than |1|. WHEN memory utilization is |37.99268833223171|. 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: 7 weeks, 5 days, 23 hours and 52 minutes Total memory: 7818736 kB Free memory: 2967668 kB |

### 3.1.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 2 |
| 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 | 1 |
| Actual output | 38.08707699044961 |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR2| memory utilization percent is |38.08707699044961%| and should be under |1%| |
| Comment | TEST if memory utilization is less than specified value on |kg-topology-CloudEosRR2|. GIVEN memory utilization is less than |1|. WHEN memory utilization is |38.08707699044961|. 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: 7 weeks, 5 days, 23 hours and 52 minutes Total memory: 7818736 kB Free memory: 2977116 kB |