Test Report

December 03, 2020 08:36:30PM

# 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 |
| Extension | 4 | 2 | 2 |

# 2. Test Case Results Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Id | Test Suite | Test Case | DUT | Result | Failure Reason |
| 1 | Extension | Test if extensions are erroring | kg-topology-CloudEosRR1 | PASS |  |
| 2 | Extension | Test if extensions are erroring | kg-topology-CloudEosRR2 | PASS |  |
| 3 | Extension | Test if extensions are installed | kg-topology-CloudEosRR1 | FAIL | On router |kg-topology-CloudEosRR1| extension |awslogs.swix| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR1| extension |awsha.rpm| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR1| extension |yyz.rpm| status is |None|, correct status is |installed|. |
| 4 | Extension | Test if extensions are installed | kg-topology-CloudEosRR2 | FAIL | On router |kg-topology-CloudEosRR2| extension |awslogs.swix| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR2| extension |awsha.rpm| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR2| extension |yyz.rpm| status is |None|, correct status is |installed|. |

# 3. Detailed Test Suite Results: Extension

## 3.1 Test Case: Test if extensions are erroring

### 3.1.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 1 |
| 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 . |

### 3.1.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 2 |
| 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 . |

## 3.2 Test Case: Test if extensions are installed

### 3.2.1 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 3 |
| 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', 'installed'] |
| Actual output | ['installed', 'installed', None] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR1| extension |awslogs.swix| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR1| extension |awsha.rpm| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR1| extension |yyz.rpm| status is |None|, correct status is |installed|. |
| 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 . TEST is yyz.rpm extension installed on |kg-topology-CloudEosRR1|. GIVEN yyz.rpm extenstion installation state is |installed|. WHEN yyz.rpm extenstion installation state is |None|. THEN test case result is |False|. 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 . |

### 3.2.2 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 4 |
| 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', 'installed'] |
| Actual output | ['installed', 'installed', None] |
| Test result | False |
| Fail reason | On router |kg-topology-CloudEosRR2| extension |awslogs.swix| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR2| extension |awsha.rpm| status is |installed|, correct status is |installed|.  On router |kg-topology-CloudEosRR2| extension |yyz.rpm| status is |None|, correct status is |installed|. |
| 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 . TEST is yyz.rpm extension installed on |kg-topology-CloudEosRR2|. GIVEN yyz.rpm extenstion installation state is |installed|. WHEN yyz.rpm extenstion installation state is |None|. THEN test case result is |False|. 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 . |