Test Report

October 08, 2020 12:58:36AM

# 1. Test Results Summary

## 1.1 Summary Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored | Total Duration |
| 12 | 4 | 8 | 0 | 0 | 17.14832639694214 |

## 1.2 Summary Totals for Devices Under Tests

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DUT | Total Tests | Total Passed | Total Failed | Total Skipped | Total Errored |
| kg-topology-CloudEosRR1 | 3 | 1 | 2 | 0 | 0 |
| kg-topology-CloudEosRR2 | 3 | 1 | 2 | 0 | 0 |
| kg-topology-CloudEOSEdge1 | 3 | 1 | 2 | 0 | 0 |
| kg-topology-CloudEOSEdge2 | 3 | 1 | 2 | 0 | 0 |

## 1.3 Summary Totals for Test Suites

|  |  |  |  |
| --- | --- | --- | --- |
| Test Suite | Total Tests | Total Passed | Total Failed |
| Dns | 12 | 4 | 8 |

# 2. Test Case Results Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Id | Test Suite | Test Case | DUT | Result | Failure Reason |
| 1 | Dns | Test dns configuration | kg-topology-CloudEOSEdge1 | FAIL | |kg-topology-CloudEOSEdge1| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| 2 | Dns | Test dns configuration | kg-topology-CloudEOSEdge2 | FAIL | |kg-topology-CloudEOSEdge2| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| 3 | Dns | Test dns configuration | kg-topology-CloudEosRR1 | FAIL | |kg-topology-CloudEosRR1| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| 4 | Dns | Test dns configuration | kg-topology-CloudEosRR2 | FAIL | |kg-topology-CloudEosRR2| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| 5 | Dns | Test if dns resolves | kg-topology-CloudEOSEdge1 | PASS |  |
| 6 | Dns | Test if dns resolves | kg-topology-CloudEOSEdge2 | PASS |  |
| 7 | Dns | Test if dns resolves | kg-topology-CloudEosRR1 | PASS |  |
| 8 | Dns | Test if dns resolves | kg-topology-CloudEosRR2 | PASS |  |
| 9 | 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|. |
| 10 | 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|. |
| 11 | 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|. |
| 12 | 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|. |

# 3. Detailed Test Suite Results: Dns

## 3.1 Test Case: Test dns configuration

### 3.1.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 1 |
| 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] |
| Actual output | [False] |
| Test result | False |
| Fail reason | |kg-topology-CloudEOSEdge1| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| Comment | TEST |kg-topology-CloudEOSEdge1| DNS config. GIVEN DNS config |ip name-server 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |False|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

### 3.1.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 2 |
| 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] |
| Actual output | [False] |
| Test result | False |
| Fail reason | |kg-topology-CloudEOSEdge2| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| Comment | TEST |kg-topology-CloudEOSEdge2| DNS config. GIVEN DNS config |ip name-server 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |False|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

### 3.1.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 3 |
| 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] |
| Actual output | [False] |
| Test result | False |
| Fail reason | |kg-topology-CloudEosRR1| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| Comment | TEST |kg-topology-CloudEosRR1| DNS config. GIVEN DNS config |ip name-server 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |False|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

### 3.1.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 4 |
| 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] |
| Actual output | [False] |
| Test result | False |
| Fail reason | |kg-topology-CloudEosRR2| has the dns config |ip name-server vrf default 11.201.12.2 |, expect the dns config |ip name-server 11.201.12.2 |. |
| Comment | TEST |kg-topology-CloudEosRR2| DNS config. GIVEN DNS config |ip name-server 11.201.12.2 |. WHEN DNS config |ip name-server vrf default 11.201.12.2 |. THEN test case result is |False|.  OUTPUT of |show running-config section name-server| is :  ip name-server vrf default 11.201.12.2 . |

## 3.2 Test Case: Test if dns resolves

### 3.2.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 5 |
| 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 (172.217.0.14) 72(100) bytes of data. 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=1 ttl=101 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=2 ttl=101 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=3 ttl=101 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=4 ttl=101 (truncated) 76 bytes from ord38s04-in-f14.1e100.net (172.217.0.14): icmp\_seq=5 ttl=101 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 60ms rtt min/avg/max/mdev = 20.237/20.284/20.451/0.198 ms, pipe 3, ipg/ewma 15.153/20.364 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 (151.101.129.67) 72(100) bytes of data. 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=1 ttl=39 time=11.1 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=2 ttl=39 time=13.1 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=3 ttl=39 time=11.0 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=4 ttl=39 time=11.0 ms 80 bytes from 151.101.129.67 (151.101.129.67): icmp\_seq=5 ttl=39 time=11.4 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 45ms rtt min/avg/max/mdev = 11.005/11.581/13.190/0.828 ms, pipe 2, ipg/ewma 11.337/11.353 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=23.3 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 = 23.300/23.379/23.522/0.122 ms, pipe 3, ipg/ewma 16.679/23.448 ms . |

### 3.2.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 6 |
| 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 (172.217.1.46) 72(100) bytes of data. 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=1 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=2 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=3 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=4 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=5 ttl=100 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 74ms rtt min/avg/max/mdev = 19.783/20.101/21.183/0.542 ms, pipe 2, ipg/ewma 18.636/20.622 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 (151.101.193.67) 72(100) bytes of data. 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=1 ttl=39 time=11.9 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=2 ttl=39 time=10.5 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=3 ttl=39 time=10.4 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=4 ttl=39 time=10.5 ms 80 bytes from 151.101.193.67 (151.101.193.67): icmp\_seq=5 ttl=39 time=10.5 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 116ms rtt min/avg/max/mdev = 10.498/10.806/11.980/0.590 ms, pipe 2, ipg/ewma 29.145/11.373 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=24.4 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=22.6 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=4 ttl=39 time=22.6 ms 80 bytes from url-fwd.easydns.com (64.68.200.46): icmp\_seq=5 ttl=39 time=22.6 ms  --- arista.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 70ms rtt min/avg/max/mdev = 22.666/23.044/24.437/0.709 ms, pipe 3, ipg/ewma 17.504/23.715 ms . |

### 3.2.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 7 |
| 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 (172.217.1.46) 72(100) bytes of data. 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=1 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=2 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=3 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=4 ttl=100 (truncated) 76 bytes from ord37s07-in-f46.1e100.net (172.217.1.46): icmp\_seq=5 ttl=100 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 60ms rtt min/avg/max/mdev = 20.425/20.467/20.550/0.044 ms, pipe 3, ipg/ewma 15.234/20.458 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 (151.101.1.67) 72(100) bytes of data. 80 bytes from 151.101.1.67 (151.101.1.67): icmp\_seq=1 ttl=39 time=11.4 ms 80 bytes from 151.101.1.67 (151.101.1.67): icmp\_seq=2 ttl=39 time=11.3 ms 80 bytes from 151.101.1.67 (151.101.1.67): icmp\_seq=3 ttl=39 time=11.4 ms 80 bytes from 151.101.1.67 (151.101.1.67): icmp\_seq=4 ttl=39 time=11.4 ms 80 bytes from 151.101.1.67 (151.101.1.67): icmp\_seq=5 ttl=39 time=11.4 ms  --- cnn.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 44ms rtt min/avg/max/mdev = 11.389/11.430/11.467/0.099 ms, pipe 2, ipg/ewma 11.033/11.435 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=23.2 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=23.1 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 66ms rtt min/avg/max/mdev = 23.191/23.229/23.259/0.194 ms, pipe 3, ipg/ewma 16.659/23.241 ms . |

### 3.2.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 8 |
| 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 (172.217.9.46) 72(100) bytes of data. 76 bytes from ord38s08-in-f14.1e100.net (172.217.9.46): icmp\_seq=1 ttl=100 (truncated) 76 bytes from ord38s08-in-f14.1e100.net (172.217.9.46): icmp\_seq=2 ttl=100 (truncated) 76 bytes from ord38s08-in-f14.1e100.net (172.217.9.46): icmp\_seq=3 ttl=100 (truncated) 76 bytes from ord38s08-in-f14.1e100.net (172.217.9.46): icmp\_seq=4 ttl=100 (truncated) 76 bytes from ord38s08-in-f14.1e100.net (172.217.9.46): icmp\_seq=5 ttl=100 (truncated)  --- google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 70ms rtt min/avg/max/mdev = 19.595/19.645/19.739/0.161 ms, pipe 2, ipg/ewma 17.537/19.621 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=10.6 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 44ms rtt min/avg/max/mdev = 10.678/10.682/10.694/0.006 ms, pipe 2, ipg/ewma 11.173/10.687 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=22.9 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=22.7 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 66ms rtt min/avg/max/mdev = 22.712/22.765/22.934/0.127 ms, pipe 3, ipg/ewma 16.563/22.846 ms . |

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

### 3.3.1 DUT: KG-TOPOLOGY-CLOUDEOSEDGE1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 9 |
| 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  . |

### 3.3.2 DUT: KG-TOPOLOGY-CLOUDEOSEDGE2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 10 |
| 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  . |

### 3.3.3 DUT: KG-TOPOLOGY-CLOUDEOSRR1

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 11 |
| 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  . |

### 3.3.4 DUT: KG-TOPOLOGY-CLOUDEOSRR2

|  |  |
| --- | --- |
| Test Parameter | Description |
| Test id | 12 |
| 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  . |