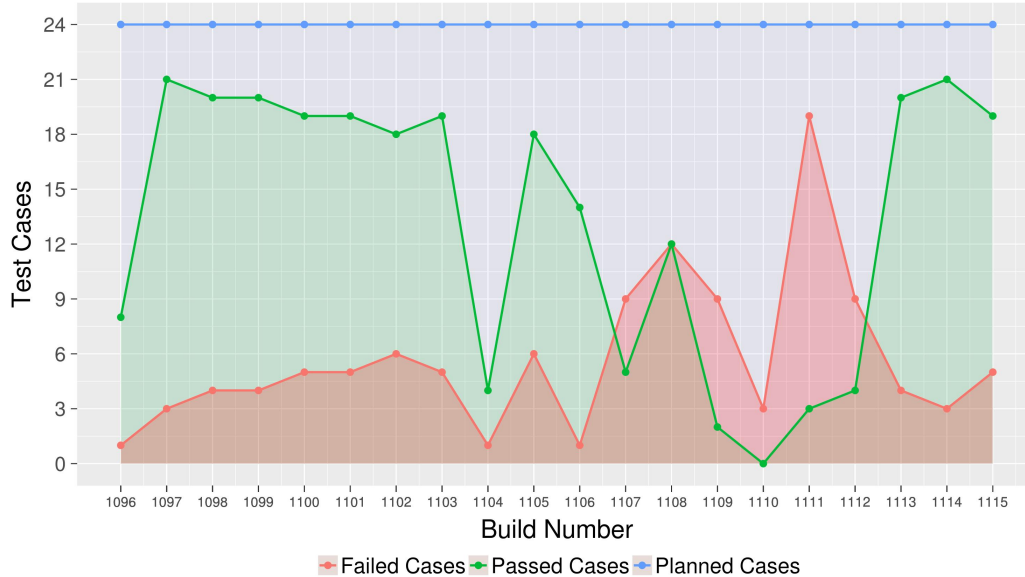


1.14-SR Multi Cast

SRMulticast at 21 Dec 2018 11:01:55

SRMulticast - onos-1.14 Results of Last 20 Builds

Last Updated: Dec 21, 2018 at 02:32 PM PST



commit 4ec2c16489377b1699037bdcf5ca6c19e27b15cc (HEAD -) onos-1.14, origin/onos-1.14
Author: Charles Chan [rascov@gmail.com]
AuthorDate: Tue Nov 27 21:33:33 2018 +0800
Commit: Charles Chan [rascov@gmail.com]
CommitDate: Wed Dec 19 15:15:58 2018 -0800

Address StackOverflow by offloading cache listener to a separate thread

Case 1: Create a Multicast flow between a source and sink on the same dual-tor leaf - PASS

- 1.1 Constructing test variables - PASS
- 1.2 Apply cell to environment - PASS
- 1.3 Uninstalling Atomix - PASS
- 1.4 Uninstalling ONOS package - PASS
- 1.5 Creating ONOS package - PASS
- 1.6 Installing Atomix - PASS
- 1.7 Installing ONOS package - PASS
- 1.8 Set up ONOS secure SSH - PASS
- 1.9 Checking ONOS service - PASS
- 1.10 Starting ONOS CLI sessions - PASS
- 1.11 Checking ONOS nodes - PASS
- 1.12 Checking ONOS applications - PASS
- 1.13 Load configurations - PASS
- 1.14 Starting Mininet Topology - PASS
- 1.15 Start Scapy CLIs - No Result
- 1.16 Verify host IP address assignment in ONOS - PASS
- 1.17 Verify IP address assignment from hosts - PASS
- 1.18 Install ipv4 multicast route - No Result
- 1.19 Verify ipv4 multicast traffic - PASS
- 1.20 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 1.21 Verify ipv4 multicast traffic - PASS
- 1.22 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 1.23 Verify ipv4 multicast traffic - PASS
- 1.24 Stopping Mininet - PASS

Case 2: Create a Multicast flow between a source and sink on different dual-tor leaves - PASS

- 2.1 Apply cell to environment - PASS
- 2.2 Uninstalling Atomix - PASS
- 2.3 Uninstalling ONOS package - PASS
- 2.4 Installing Atomix - PASS
- 2.5 Installing ONOS package - PASS
- 2.6 Set up ONOS secure SSH - PASS
- 2.7 Checking ONOS service - PASS
- 2.8 Starting ONOS CLI sessions - PASS
- 2.9 Checking ONOS nodes - PASS
- 2.10 Checking ONOS applications - PASS
- 2.11 Load configurations - PASS
- 2.12 Starting Mininet Topology - PASS
- 2.13 Start Scapy CLIs - No Result
- 2.14 Verify host IP address assignment in ONOS - PASS
- 2.15 Verify IP address assignment from hosts - PASS
- 2.16 Install ipv4 multicast route - No Result
- 2.17 Verify ipv4 multicast traffic - PASS
- 2.18 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 2.19 Verify ipv4 multicast traffic - PASS
- 2.20 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 2.21 Verify ipv4 multicast traffic - PASS
- 2.22 Stopping Mininet - PASS

Case 3: Create a Multicast flow between a source and sink on different leaves (sink on single-tor) - PASS

- 3.1 Apply cell to environment - PASS
- 3.2 Uninstalling Atomix - PASS
- 3.3 Uninstalling ONOS package - PASS
- 3.4 Installing Atomix - PASS
- 3.5 Installing ONOS package - PASS
- 3.6 Set up ONOS secure SSH - PASS
- 3.7 Checking ONOS service - PASS
- 3.8 Starting ONOS CLI sessions - PASS
- 3.9 Checking ONOS nodes - PASS
- 3.10 Checking ONOS applications - PASS
- 3.11 Load configurations - PASS
- 3.12 Starting Mininet Topology - PASS
- 3.13 Start Scapy CLIs - No Result
- 3.14 Verify host IP address assignment in ONOS - PASS
- 3.15 Verify IP address assignment from hosts - PASS
- 3.16 Install ipv6 multicast route - No Result
- 3.17 Verify ipv6 multicast traffic - PASS
- 3.18 Remove ipv6 route - No Result
- 3.19 Stopping Mininet - PASS

Case 4: Combines CASE1 and CASE2 - PASS

- 4.1 Apply cell to environment - PASS
- 4.2 Uninstalling Atomix - PASS
- 4.3 Uninstalling ONOS package - PASS
- 4.4 Installing Atomix - PASS
- 4.5 Installing ONOS package - PASS
- 4.6 Set up ONOS secure SSH - PASS
- 4.7 Checking ONOS service - PASS
- 4.8 Starting ONOS CLI sessions - PASS
- 4.9 Checking ONOS nodes - PASS
- 4.10 Checking ONOS applications - PASS
- 4.11 Load configurations - PASS
- 4.12 Starting Mininet Topology - PASS
- 4.13 Start Scapy CLIs - No Result
- 4.14 Verify host IP address assignment in ONOS - PASS
- 4.15 Verify IP address assignment from hosts - PASS
- 4.16 Install ipv4 multicast route - No Result
- 4.17 Verify ipv4 multicast traffic - PASS
- 4.18 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result

- 4.19 Verify ipv4 multicast traffic - PASS
- 4.20 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 4.21 Verify ipv4 multicast traffic - PASS
- 4.22 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 4.23 Verify ipv4 multicast traffic - PASS
- 4.24 Stopping Mininet - PASS

Case 5: Combines CASE2 and CASE3 - PASS

- 5.1 Apply cell to environment - PASS
- 5.2 Uninstalling Atomix - PASS
- 5.3 Uninstalling ONOS package - PASS
- 5.4 Installing Atomix - PASS
- 5.5 Installing ONOS package - PASS
- 5.6 Set up ONOS secure SSH - PASS
- 5.7 Checking ONOS service - PASS
- 5.8 Starting ONOS CLI sessions - PASS
- 5.9 Checking ONOS nodes - PASS
- 5.10 Checking ONOS applications - PASS
- 5.11 Load configurations - PASS
- 5.12 Starting Mininet Topology - PASS
- 5.13 Start Scapy CLIs - No Result
- 5.14 Verify host IP address assignment in ONOS - PASS
- 5.15 Verify IP address assignment from hosts - PASS
- 5.16 Install ipv4 multicast route - No Result
- 5.17 Verify ipv4 multicast traffic - PASS
- 5.18 Install ipv6 multicast route - No Result
- 5.19 Verify ipv6 multicast traffic - PASS
- 5.20 Remove ipv6 route - No Result
- 5.21 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 5.22 Verify ipv4 multicast traffic - PASS
- 5.23 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 5.24 Verify ipv4 multicast traffic - PASS
- 5.25 Stopping Mininet - PASS

Case 6: Combines CASE1 and CASE3 - PASS

- 6.1 Apply cell to environment - PASS
- 6.2 Uninstalling Atomix - PASS
- 6.3 Uninstalling ONOS package - PASS
- 6.4 Installing Atomix - PASS
- 6.5 Installing ONOS package - PASS
- 6.6 Set up ONOS secure SSH - PASS
- 6.7 Checking ONOS service - PASS
- 6.8 Starting ONOS CLI sessions - PASS
- 6.9 Checking ONOS nodes - PASS
- 6.10 Checking ONOS applications - PASS
- 6.11 Load configurations - PASS
- 6.12 Starting Mininet Topology - PASS
- 6.13 Start Scapy CLIs - No Result
- 6.14 Verify host IP address assignment in ONOS - PASS
- 6.15 Verify IP address assignment from hosts - PASS
- 6.16 Install ipv4 multicast route - No Result
- 6.17 Verify ipv4 multicast traffic - PASS
- 6.18 Install ipv6 multicast route - No Result
- 6.19 Verify ipv6 multicast traffic - PASS
- 6.20 Remove ipv6 route - No Result
- 6.21 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 6.22 Verify ipv4 multicast traffic - PASS
- 6.23 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 6.24 Verify ipv4 multicast traffic - PASS
- 6.25 Stopping Mininet - PASS

Case 7: Combines CASE1, CASE2 and CASE3 - PASS

- 7.1 Apply cell to environment - PASS
- 7.2 Uninstalling Atomix - PASS
- 7.3 Uninstalling ONOS package - PASS
- 7.4 Installing Atomix - PASS
- 7.5 Installing ONOS package - PASS
- 7.6 Set up ONOS secure SSH - PASS

- 7.7 Checking ONOS service - PASS
- 7.8 Starting ONOS CLI sessions - PASS
- 7.9 Checking ONOS nodes - PASS
- 7.10 Checking ONOS applications - PASS
- 7.11 Load configurations - PASS
- 7.12 Starting Mininet Topology - PASS
- 7.13 Start Scapy CLIs - No Result
- 7.14 Verify host IP address assignment in ONOS - PASS
- 7.15 Verify IP address assignment from hosts - PASS
- 7.16 Install ipv4 multicast route - No Result
- 7.17 Verify ipv4 multicast traffic - PASS
- 7.18 Install ipv6 multicast route - No Result
- 7.19 Verify ipv6 multicast traffic - PASS
- 7.20 Remove ipv6 route - No Result
- 7.21 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 7.22 Verify ipv4 multicast traffic - PASS
- 7.23 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 7.24 Verify ipv4 multicast traffic - PASS
- 7.25 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 7.26 Verify ipv4 multicast traffic - PASS
- 7.27 Stopping Mininet - PASS

Case 8: Use all of the four sinks - PASS

- 8.1 Apply cell to environment - PASS
- 8.2 Uninstalling Atomix - PASS
- 8.3 Uninstalling ONOS package - PASS
- 8.4 Installing Atomix - PASS
- 8.5 Installing ONOS package - PASS
- 8.6 Set up ONOS secure SSH - PASS
- 8.7 Checking ONOS service - PASS
- 8.8 Starting ONOS CLI sessions - PASS
- 8.9 Checking ONOS nodes - PASS
- 8.10 Checking ONOS applications - PASS
- 8.11 Load configurations - PASS
- 8.12 Starting Mininet Topology - PASS
- 8.13 Start Scapy CLIs - No Result
- 8.14 Verify host IP address assignment in ONOS - PASS
- 8.15 Verify IP address assignment from hosts - PASS
- 8.16 Install ipv4 multicast route - No Result
- 8.17 Verify ipv4 multicast traffic - PASS
- 8.18 Install ipv6 multicast route - No Result
- 8.19 Verify ipv6 multicast traffic - PASS
- 8.20 Remove ipv6 route - No Result
- 8.21 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 8.22 Verify ipv4 multicast traffic - PASS
- 8.23 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 8.24 Verify ipv4 multicast traffic - PASS
- 8.25 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 8.26 Verify ipv4 multicast traffic - PASS
- 8.27 Stopping Mininet - PASS

Case 101: Combines CASE8 with a link failure (link ingress-spine) - PASS

- 101.1 Apply cell to environment - PASS
- 101.2 Uninstalling Atomix - PASS
- 101.3 Uninstalling ONOS package - PASS
- 101.4 Installing Atomix - PASS
- 101.5 Installing ONOS package - PASS
- 101.6 Set up ONOS secure SSH - PASS
- 101.7 Checking ONOS service - PASS
- 101.8 Starting ONOS CLI sessions - PASS
- 101.9 Checking ONOS nodes - PASS
- 101.10 Checking ONOS applications - PASS
- 101.11 Load configurations - PASS
- 101.12 Starting Mininet Topology - PASS
- 101.13 Start Scapy CLIs - No Result
- 101.14 Verify host IP address assignment in ONOS - PASS
- 101.15 Verify IP address assignment from hosts - PASS
- 101.16 Install ipv4 multicast route - No Result
- 101.17 Verify ipv4 multicast traffic - PASS
- 101.18 Install ipv6 multicast route - No Result

- 101.19 Verify ipv6 multicast traffic - PASS
- 101.20 Killing a batch of links [['leaf2', 'spine101']] - PASS
- 101.21 Verify ipv4 multicast traffic - PASS
- 101.22 Verify ipv6 multicast traffic - PASS
- 101.23 Restoring a batch of links [['leaf2', 'spine101']] - PASS
- 101.24 Verify ipv4 multicast traffic - PASS
- 101.25 Verify ipv6 multicast traffic - PASS
- 101.26 Remove ipv6 route - No Result
- 101.27 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 101.28 Verify ipv4 multicast traffic - PASS
- 101.29 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 101.30 Verify ipv4 multicast traffic - PASS
- 101.31 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 101.32 Verify ipv4 multicast traffic - PASS
- 101.33 Stopping Mininet - PASS

Case 102: Combines CASE8 with a link failure (link spine-engress-dt-leaf) - PASS

- 102.1 Apply cell to environment - PASS
- 102.2 Uninstalling Atomix - PASS
- 102.3 Uninstalling ONOS package - PASS
- 102.4 Installing Atomix - PASS
- 102.5 Installing ONOS package - PASS
- 102.6 Set up ONOS secure SSH - PASS
- 102.7 Checking ONOS service - PASS
- 102.8 Starting ONOS CLI sessions - PASS
- 102.9 Checking ONOS nodes - PASS
- 102.10 Checking ONOS applications - PASS
- 102.11 Load configurations - PASS
- 102.12 Starting Mininet Topology - PASS
- 102.13 Start Scapy CLIs - No Result
- 102.14 Verify host IP address assignment in ONOS - PASS
- 102.15 Verify IP address assignment from hosts - PASS
- 102.16 Install ipv4 multicast route - No Result
- 102.17 Verify ipv4 multicast traffic - PASS
- 102.18 Install ipv6 multicast route - No Result
- 102.19 Verify ipv6 multicast traffic - PASS
- 102.20 Killing a batch of links [['leaf5', 'spine101']] - PASS
- 102.21 Verify ipv4 multicast traffic - PASS
- 102.22 Verify ipv6 multicast traffic - PASS
- 102.23 Restoring a batch of links [['leaf5', 'spine101']] - PASS
- 102.24 Verify ipv4 multicast traffic - PASS
- 102.25 Verify ipv6 multicast traffic - PASS
- 102.26 Remove ipv6 route - No Result
- 102.27 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 102.28 Verify ipv4 multicast traffic - PASS
- 102.29 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 102.30 Verify ipv4 multicast traffic - PASS
- 102.31 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 102.32 Verify ipv4 multicast traffic - PASS
- 102.33 Stopping Mininet - PASS

Case 103: Combines CASE8 with a link failure (link spine-engress-st-leaf) - PASS

- 103.1 Apply cell to environment - PASS
- 103.2 Uninstalling Atomix - PASS
- 103.3 Uninstalling ONOS package - PASS
- 103.4 Installing Atomix - PASS
- 103.5 Installing ONOS package - PASS
- 103.6 Set up ONOS secure SSH - PASS
- 103.7 Checking ONOS service - PASS
- 103.8 Starting ONOS CLI sessions - PASS
- 103.9 Checking ONOS nodes - PASS
- 103.10 Checking ONOS applications - PASS
- 103.11 Load configurations - PASS
- 103.12 Starting Mininet Topology - PASS
- 103.13 Start Scapy CLIs - No Result
- 103.14 Verify host IP address assignment in ONOS - PASS
- 103.15 Verify IP address assignment from hosts - PASS
- 103.16 Install ipv4 multicast route - No Result
- 103.17 Verify ipv4 multicast traffic - PASS
- 103.18 Install ipv6 multicast route - No Result

- 103.19 Verify ipv6 multicast traffic - PASS
- 103.20 Killing a batch of links [['spine103', 'spine101']] - PASS
- 103.21 Verify ipv4 multicast traffic - PASS
- 103.22 Verify ipv6 multicast traffic - PASS
- 103.23 Restoring a batch of links [['spine103', 'spine101']] - PASS
- 103.24 Verify ipv4 multicast traffic - PASS
- 103.25 Verify ipv6 multicast traffic - PASS
- 103.26 Remove ipv6 route - No Result
- 103.27 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 103.28 Verify ipv4 multicast traffic - PASS
- 103.29 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 103.30 Verify ipv4 multicast traffic - PASS
- 103.31 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 103.32 Verify ipv4 multicast traffic - PASS
- 103.33 Stopping Mininet - PASS

Case 104: Combines CASE8 with a link failure (link spine-engress-st-leaf-2) - PASS

- 104.1 Apply cell to environment - PASS
- 104.2 Uninstalling Atomix - PASS
- 104.3 Uninstalling ONOS package - PASS
- 104.4 Installing Atomix - PASS
- 104.5 Installing ONOS package - PASS
- 104.6 Set up ONOS secure SSH - PASS
- 104.7 Checking ONOS service - PASS
- 104.8 Starting ONOS CLI sessions - PASS
- 104.9 Checking ONOS nodes - PASS
- 104.10 Checking ONOS applications - PASS
- 104.11 Load configurations - PASS
- 104.12 Starting Mininet Topology - PASS
- 104.13 Start Scapy CLIs - No Result
- 104.14 Verify host IP address assignment in ONOS - PASS
- 104.15 Verify IP address assignment from hosts - PASS
- 104.16 Install ipv4 multicast route - No Result
- 104.17 Verify ipv4 multicast traffic - PASS
- 104.18 Install ipv6 multicast route - No Result
- 104.19 Verify ipv6 multicast traffic - PASS
- 104.20 Killing a batch of links [['leaf4', 'spine101']] - PASS
- 104.21 Verify ipv4 multicast traffic - PASS
- 104.22 Verify ipv6 multicast traffic - PASS
- 104.23 Restoring a batch of links [['leaf4', 'spine101']] - PASS
- 104.24 Verify ipv4 multicast traffic - PASS
- 104.25 Verify ipv6 multicast traffic - PASS
- 104.26 Remove ipv6 route - No Result
- 104.27 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 104.28 Verify ipv4 multicast traffic - PASS
- 104.29 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 104.30 Verify ipv4 multicast traffic - PASS
- 104.31 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 104.32 Verify ipv4 multicast traffic - PASS
- 104.33 Stopping Mininet - PASS

Case 105: Combines CASE8 with a link failure (link dt-leaf-sink) - PASS

- 105.1 Apply cell to environment - PASS
- 105.2 Uninstalling Atomix - PASS
- 105.3 Uninstalling ONOS package - PASS
- 105.4 Installing Atomix - PASS
- 105.5 Installing ONOS package - PASS
- 105.6 Set up ONOS secure SSH - PASS
- 105.7 Checking ONOS service - PASS
- 105.8 Starting ONOS CLI sessions - PASS
- 105.9 Checking ONOS nodes - PASS
- 105.10 Checking ONOS applications - PASS
- 105.11 Load configurations - PASS
- 105.12 Starting Mininet Topology - PASS
- 105.13 Start Scapy CLIs - No Result
- 105.14 Verify host IP address assignment in ONOS - PASS
- 105.15 Verify IP address assignment from hosts - PASS
- 105.16 Install ipv4 multicast route - No Result
- 105.17 Verify ipv4 multicast traffic - PASS
- 105.18 Install ipv6 multicast route - No Result

- 105.19 Verify ipv6 multicast traffic - PASS
- 105.20 Disable port of:0000000000000002/10 - No Result
- 105.21 Verify ipv4 multicast traffic - PASS
- 105.22 Verify ipv6 multicast traffic - PASS
- 105.23 Enable port of:0000000000000002/10 - No Result
- 105.24 Verify locations of hosts [h4v4] - PASS
- 105.25 Verify ipv4 multicast traffic - PASS
- 105.26 Verify ipv6 multicast traffic - PASS
- 105.27 Remove ipv6 route - No Result
- 105.28 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 105.29 Verify ipv4 multicast traffic - PASS
- 105.30 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 105.31 Verify ipv4 multicast traffic - PASS
- 105.32 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 105.33 Verify ipv4 multicast traffic - PASS
- 105.34 Stopping Mininet - PASS

Case 106: Combines CASE8 with a link failure (link dt-leaf-sink-2) - PASS

- 106.1 Apply cell to environment - PASS
- 106.2 Uninstalling Atomix - PASS
- 106.3 Uninstalling ONOS package - PASS
- 106.4 Installing Atomix - PASS
- 106.5 Installing ONOS package - PASS
- 106.6 Set up ONOS secure SSH - PASS
- 106.7 Checking ONOS service - PASS
- 106.8 Starting ONOS CLI sessions - PASS
- 106.9 Checking ONOS nodes - PASS
- 106.10 Checking ONOS applications - PASS
- 106.11 Load configurations - PASS
- 106.12 Starting Mininet Topology - PASS
- 106.13 Start Scapy CLIs - No Result
- 106.14 Verify host IP address assignment in ONOS - PASS
- 106.15 Verify IP address assignment from hosts - PASS
- 106.16 Install ipv4 multicast route - No Result
- 106.17 Verify ipv4 multicast traffic - PASS
- 106.18 Install ipv6 multicast route - No Result
- 106.19 Verify ipv6 multicast traffic - PASS
- 106.20 Disable port of:0000000000000005/10 - No Result
- 106.21 Verify ipv4 multicast traffic - PASS
- 106.22 Verify ipv6 multicast traffic - PASS
- 106.23 Enable port of:0000000000000005/10 - No Result
- 106.24 Verify locations of hosts [h10v4] - PASS
- 106.25 Verify ipv4 multicast traffic - PASS
- 106.26 Verify ipv6 multicast traffic - PASS
- 106.27 Remove ipv6 route - No Result
- 106.28 Remove sink 00:AA:00:00:00:03/None of route ipv4 - No Result
- 106.29 Verify ipv4 multicast traffic - PASS
- 106.30 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 106.31 Verify ipv4 multicast traffic - PASS
- 106.32 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 106.33 Verify ipv4 multicast traffic - PASS
- 106.34 Stopping Mininet - PASS

Case 201: Combines CASE8 with spine failure - PASS

- 201.1 Apply cell to environment - PASS
- 201.2 Uninstalling Atomix - PASS
- 201.3 Uninstalling ONOS package - PASS
- 201.4 Installing Atomix - PASS
- 201.5 Installing ONOS package - PASS
- 201.6 Set up ONOS secure SSH - PASS
- 201.7 Checking ONOS service - PASS
- 201.8 Starting ONOS CLI sessions - PASS
- 201.9 Checking ONOS nodes - PASS
- 201.10 Checking ONOS applications - PASS
- 201.11 Load configurations - PASS
- 201.12 Starting Mininet Topology - PASS
- 201.13 Start Scapy CLIs - No Result
- 201.14 Verify host IP address assignment in ONOS - PASS
- 201.15 Verify IP address assignment from hosts - PASS
- 201.16 Install ipv4 multicast route - No Result

- 201.17 Verify ipv4 multicast traffic - PASS
- 201.18 Install ipv6 multicast route - No Result
- 201.19 Verify ipv6 multicast traffic - PASS
- 201.20 Kill ['spine101'] - PASS
- 201.21 Verify ipv4 multicast traffic - PASS
- 201.22 Verify ipv6 multicast traffic - PASS
- 201.23 Recovering ['spine101'] - PASS
- 201.24 Verify ipv4 multicast traffic - PASS
- 201.25 Verify ipv6 multicast traffic - PASS
- 201.26 Kill ['spine102'] - PASS
- 201.27 Verify ipv4 multicast traffic - PASS
- 201.28 Verify ipv6 multicast traffic - PASS
- 201.29 Recovering ['spine102'] - PASS
- 201.30 Verify ipv4 multicast traffic - PASS
- 201.31 Verify ipv6 multicast traffic - PASS
- 201.32 Remove ipv6 route - No Result
- 201.33 Remove sink 00:AA:00:00:00:08/60 of route ipv4 - No Result
- 201.34 Verify ipv4 multicast traffic - PASS
- 201.35 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 201.36 Verify ipv4 multicast traffic - PASS
- 201.37 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 201.38 Verify ipv4 multicast traffic - PASS
- 201.39 Stopping Mininet - PASS

Case 202: Combines CASE8 with ingress failure and recovery - FAIL

- 202.1 Apply cell to environment - PASS
- 202.2 Uninstalling Atomix - PASS
- 202.3 Uninstalling ONOS package - PASS
- 202.4 Installing Atomix - PASS
- 202.5 Installing ONOS package - PASS
- 202.6 Set up ONOS secure SSH - PASS
- 202.7 Checking ONOS service - PASS
- 202.8 Starting ONOS CLI sessions - PASS
- 202.9 Checking ONOS nodes - PASS
- 202.10 Checking ONOS applications - PASS
- 202.11 Load configurations - PASS
- 202.12 Starting Mininet Topology - PASS
- 202.13 Start Scapy CLIs - No Result
- 202.14 Verify host IP address assignment in ONOS - PASS
- 202.15 Verify IP address assignment from hosts - PASS
- 202.16 Install ipv4 multicast route - No Result
- 202.17 Verify ipv4 multicast traffic - PASS
- 202.18 Install ipv6 multicast route - No Result
- 202.19 Verify ipv6 multicast traffic - PASS
- 202.20 Kill ['leaf2'] - PASS
- 202.21 Verify ipv4 multicast traffic - PASS
- 202.22 Verify ipv6 multicast traffic - PASS
- 202.23 Recovering ['leaf2'] - PASS
- 202.24 Verify locations of hosts ['h3v4', 'h4v4', 'h3v6'] - FAIL
 - Location verification failed
- 202.25 Verify ipv4 multicast traffic - PASS
- 202.26 Verify ipv6 multicast traffic - PASS
- 202.27 Remove ipv6 route - No Result
- 202.28 Remove sink 00:AA:00:00:00:08/60 of route ipv4 - No Result
- 202.29 Verify ipv4 multicast traffic - PASS
- 202.30 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 202.31 Verify ipv4 multicast traffic - PASS
- 202.32 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 202.33 Verify ipv4 multicast traffic - PASS
- 202.34 Stopping Mininet - PASS

Case 203: Combines CASE8 with egress-dt-leaf failure and recovery - FAIL

- 203.1 Apply cell to environment - PASS
- 203.2 Uninstalling Atomix - PASS
- 203.3 Uninstalling ONOS package - PASS
- 203.4 Installing Atomix - PASS
- 203.5 Installing ONOS package - PASS
- 203.6 Set up ONOS secure SSH - PASS
- 203.7 Checking ONOS service - PASS
- 203.8 Starting ONOS CLI sessions - PASS

- 203.9 Checking ONOS nodes - PASS
- 203.10 Checking ONOS applications - PASS
- 203.11 Load configurations - PASS
- 203.12 Starting Mininet Topology - PASS
- 203.13 Start Scapy CLIs - No Result
- 203.14 Verify host IP address assignment in ONOS - PASS
- 203.15 Verify IP address assignment from hosts - PASS
- 203.16 Install ipv4 multicast route - No Result
- 203.17 Verify ipv4 multicast traffic - PASS
- 203.18 Install ipv6 multicast route - No Result
- 203.19 Verify ipv6 multicast traffic - PASS
- 203.20 Kill ['leaf5'] - PASS
- 203.21 Verify ipv4 multicast traffic - FAIL
 - Verify ipv4 multicast traffic: Fail
- 203.22 Stopping Mininet - PASS
 - Skipping the rest of this case.

Case 204: Combines CASE8 with egress-st-leaf failure and recovery - FAIL

- 204.1 Apply cell to environment - PASS
- 204.2 Uninstalling Atomix - PASS
- 204.3 Uninstalling ONOS package - PASS
- 204.4 Installing Atomix - PASS
- 204.5 Installing ONOS package - PASS
- 204.6 Set up ONOS secure SSH - PASS
- 204.7 Checking ONOS service - PASS
- 204.8 Starting ONOS CLI sessions - PASS
- 204.9 Checking ONOS nodes - PASS
- 204.10 Checking ONOS applications - PASS
- 204.11 Load configurations - PASS
- 204.12 Starting Mininet Topology - PASS
- 204.13 Start Scapy CLIs - No Result
- 204.14 Verify host IP address assignment in ONOS - PASS
- 204.15 Verify IP address assignment from hosts - PASS
- 204.16 Install ipv4 multicast route - No Result
- 204.17 Verify ipv4 multicast traffic - PASS
- 204.18 Install ipv6 multicast route - No Result
- 204.19 Verify ipv6 multicast traffic - PASS
- 204.20 Kill ['leaf4'] - PASS
- 204.21 Verify ipv4 multicast traffic - FAIL
 - Verify ipv4 multicast traffic: Fail
- 204.22 Stopping Mininet - PASS
 - Skipping the rest of this case.

Case 205: Combines CASE8 with leaves failure and recovery - FAIL

- 205.1 Apply cell to environment - PASS
- 205.2 Uninstalling Atomix - PASS
- 205.3 Uninstalling ONOS package - PASS
- 205.4 Installing Atomix - PASS
- 205.5 Installing ONOS package - PASS
- 205.6 Set up ONOS secure SSH - PASS
- 205.7 Checking ONOS service - PASS
- 205.8 Starting ONOS CLI sessions - PASS
- 205.9 Checking ONOS nodes - PASS
- 205.10 Checking ONOS applications - PASS
- 205.11 Load configurations - PASS
- 205.12 Starting Mininet Topology - PASS
- 205.13 Start Scapy CLIs - No Result
- 205.14 Verify host IP address assignment in ONOS - PASS
- 205.15 Verify IP address assignment from hosts - PASS
- 205.16 Install ipv4 multicast route - No Result
- 205.17 Verify ipv4 multicast traffic - PASS
- 205.18 Install ipv6 multicast route - No Result
- 205.19 Verify ipv6 multicast traffic - PASS
- 205.20 Kill ['leaf1', 'leaf3', 'leaf4', 'leaf5'] - PASS
- 205.21 Verify ipv4 multicast traffic - FAIL
 - Verify ipv4 multicast traffic: Fail
- 205.22 Stopping Mininet - PASS
 - Skipping the rest of this case.

Case 301: Combines CASE8 with leaves failure and recovery - FAIL

- 301.1 Apply cell to environment - PASS
- 301.2 Uninstalling Atomix - PASS
- 301.3 Uninstalling ONOS package - PASS
- 301.4 Installing Atomix - PASS
- 301.5 Installing ONOS package - PASS
- 301.6 Set up ONOS secure SSH - PASS
- 301.7 Checking ONOS service - PASS
- 301.8 Starting ONOS CLI sessions - PASS
- 301.9 Checking ONOS nodes - PASS
- 301.10 Checking ONOS applications - PASS
- 301.11 Load configurations - PASS
- 301.12 Starting Mininet Topology - PASS
- 301.13 Start Scapy CLIs - No Result
- 301.14 Verify host IP address assignment in ONOS - FAIL
 - Verify ONOS host IP failed
- 301.15 Stopping Mininet - PASS
 - Skipping the rest of this case.

Case 401: Extends MCAST105 - PASS

- 401.1 Apply cell to environment - PASS
- 401.2 Uninstalling Atomix - PASS
- 401.3 Uninstalling ONOS package - PASS
- 401.4 Installing Atomix - PASS
- 401.5 Installing ONOS package - PASS
- 401.6 Set up ONOS secure SSH - PASS
- 401.7 Checking ONOS service - PASS
- 401.8 Starting ONOS CLI sessions - PASS
- 401.9 Checking ONOS nodes - PASS
- 401.10 Checking ONOS applications - PASS
- 401.11 Load configurations - PASS
- 401.12 Starting Mininet Topology - PASS
- 401.13 Start Scapy CLIs - No Result
- 401.14 Verify host IP address assignment in ONOS - PASS
- 401.15 Verify IP address assignment from hosts - PASS
- 401.16 Install ipv4 multicast route - No Result
- 401.17 Verify ipv4 multicast traffic - PASS
- 401.18 Install ipv6 multicast route - No Result
- 401.19 Verify ipv6 multicast traffic - PASS
- 401.20 Disable port of:0000000000000002/10 - No Result
- 401.21 Verify ipv4 multicast traffic - PASS
- 401.22 Verify ipv6 multicast traffic - PASS
- 401.23 Enable port of:0000000000000002/10 - No Result
- 401.24 Verify locations of hosts [h4v4] - PASS
- 401.25 Verify ipv4 multicast traffic - PASS
- 401.26 Verify ipv6 multicast traffic - PASS
- 401.27 Disable port of:0000000000000003/10 - No Result
- 401.28 Verify ipv4 multicast traffic - PASS
- 401.29 Verify ipv6 multicast traffic - PASS
- 401.30 Enable port of:0000000000000003/10 - No Result
- 401.31 Verify locations of hosts [h4v4] - PASS
- 401.32 Verify ipv4 multicast traffic - PASS
- 401.33 Verify ipv6 multicast traffic - PASS
- 401.34 Disable port of:0000000000000004/11 - No Result
- 401.35 Verify ipv4 multicast traffic - PASS
- 401.36 Verify ipv6 multicast traffic - PASS
- 401.37 Enable port of:0000000000000004/11 - No Result
- 401.38 Verify locations of hosts [h10v4] - PASS
- 401.39 Verify ipv4 multicast traffic - PASS
- 401.40 Verify ipv6 multicast traffic - PASS
- 401.41 Disable port of:0000000000000005/10 - No Result
- 401.42 Verify ipv4 multicast traffic - PASS
- 401.43 Verify ipv6 multicast traffic - PASS
- 401.44 Enable port of:0000000000000005/10 - No Result
- 401.45 Verify locations of hosts [h10v4] - PASS
- 401.46 Verify ipv4 multicast traffic - PASS
- 401.47 Verify ipv6 multicast traffic - PASS
- 401.48 Kill [leaf3] - PASS
- 401.49 Verify ipv4 multicast traffic - PASS
- 401.50 Verify ipv6 multicast traffic - PASS
- 401.51 Recovering [leaf3] - PASS

- 401.52 Verify locations of hosts [h4v4] - PASS
- 401.53 Verify ipv4 multicast traffic - PASS
- 401.54 Verify ipv6 multicast traffic - PASS
- 401.55 Remove ipv6 route - No Result
- 401.56 Remove sink 00:AA:00:00:00:08/60 of route ipv4 - No Result
- 401.57 Verify ipv4 multicast traffic - PASS
- 401.58 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 401.59 Verify ipv4 multicast traffic - PASS
- 401.60 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 401.61 Verify ipv4 multicast traffic - PASS
- 401.62 Stopping Mininet - PASS

Case 402: No downstream path for DTH2 - PASS

- 402.1 Apply cell to environment - PASS
- 402.2 Uninstalling Atomix - PASS
- 402.3 Uninstalling ONOS package - PASS
- 402.4 Installing Atomix - PASS
- 402.5 Installing ONOS package - PASS
- 402.6 Set up ONOS secure SSH - PASS
- 402.7 Checking ONOS service - PASS
- 402.8 Starting ONOS CLI sessions - PASS
- 402.9 Checking ONOS nodes - PASS
- 402.10 Checking ONOS applications - PASS
- 402.11 Load configurations - PASS
- 402.12 Starting Mininet Topology - PASS
- 402.13 Start Scapy CLIs - No Result
- 402.14 Verify host IP address assignment in ONOS - PASS
- 402.15 Verify IP address assignment from hosts - PASS
- 402.16 Install ipv4 multicast route - No Result
- 402.17 Verify ipv4 multicast traffic - PASS
- 402.18 Install ipv6 multicast route - No Result
- 402.19 Verify ipv6 multicast traffic - PASS
- 402.20 Killing a batch of links [['leaf5', 'spine101'], ['leaf5', 'spine102']] - PASS
- 402.21 Verify ipv4 multicast traffic - PASS
- 402.22 Verify ipv6 multicast traffic - PASS
- 402.23 Restoring a batch of links [['leaf5', 'spine101'], ['leaf5', 'spine102']] - PASS
- 402.24 Verify ipv4 multicast traffic - PASS
- 402.25 Verify ipv6 multicast traffic - PASS
- 402.26 Remove ipv6 route - No Result
- 402.27 Remove sink 00:AA:00:00:00:08/60 of route ipv4 - No Result
- 402.28 Verify ipv4 multicast traffic - PASS
- 402.29 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 402.30 Verify ipv4 multicast traffic - PASS
- 402.31 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 402.32 Verify ipv4 multicast traffic - PASS
- 402.33 Stopping Mininet - PASS

Case 403: No downstream path for DTH1 - PASS

- 403.1 Apply cell to environment - PASS
- 403.2 Uninstalling Atomix - PASS
- 403.3 Uninstalling ONOS package - PASS
- 403.4 Installing Atomix - PASS
- 403.5 Installing ONOS package - PASS
- 403.6 Set up ONOS secure SSH - PASS
- 403.7 Checking ONOS service - PASS
- 403.8 Starting ONOS CLI sessions - PASS
- 403.9 Checking ONOS nodes - PASS
- 403.10 Checking ONOS applications - PASS
- 403.11 Load configurations - PASS
- 403.12 Starting Mininet Topology - PASS
- 403.13 Start Scapy CLIs - No Result
- 403.14 Verify host IP address assignment in ONOS - PASS
- 403.15 Verify IP address assignment from hosts - PASS
- 403.16 Install ipv4 multicast route - No Result
- 403.17 Verify ipv4 multicast traffic - PASS
- 403.18 Install ipv6 multicast route - No Result
- 403.19 Verify ipv6 multicast traffic - PASS
- 403.20 Disable port of:0000000000000002/10 - No Result
- 403.21 Verify ipv4 multicast traffic - PASS
- 403.22 Verify ipv6 multicast traffic - PASS

- 403.23 Enable port of:0000000000000002/10 - No Result
- 403.24 Verify locations of hosts [h4v4] - PASS
- 403.25 Verify ipv4 multicast traffic - PASS
- 403.26 Verify ipv6 multicast traffic - PASS
- 403.27 Disable port of:0000000000000003/10 - No Result
- 403.28 Verify ipv4 multicast traffic - PASS
- 403.29 Verify ipv6 multicast traffic - PASS
- 403.30 Enable port of:0000000000000003/10 - No Result
- 403.31 Verify locations of hosts [h4v4] - PASS
- 403.32 Verify ipv4 multicast traffic - PASS
- 403.33 Verify ipv6 multicast traffic - PASS
- 403.34 Disable port of:0000000000000004/11 - No Result
- 403.35 Verify ipv4 multicast traffic - PASS
- 403.36 Verify ipv6 multicast traffic - PASS
- 403.37 Enable port of:0000000000000004/11 - No Result
- 403.38 Verify locations of hosts [h10v4] - PASS
- 403.39 Verify ipv4 multicast traffic - PASS
- 403.40 Verify ipv6 multicast traffic - PASS
- 403.41 Disable port of:0000000000000005/10 - No Result
- 403.42 Verify ipv4 multicast traffic - PASS
- 403.43 Verify ipv6 multicast traffic - PASS
- 403.44 Enable port of:0000000000000005/10 - No Result
- 403.45 Verify locations of hosts [h10v4] - PASS
- 403.46 Verify ipv4 multicast traffic - PASS
- 403.47 Verify ipv6 multicast traffic - PASS
- 403.48 Killing a batch of links [['leaf3', 'spine101'], ['leaf3', 'spine102']] - PASS
- 403.49 Verify ipv4 multicast traffic - PASS
- 403.50 Verify ipv6 multicast traffic - PASS
- 403.51 Restoring a batch of links [['leaf3', 'spine101'], ['leaf3', 'spine102']] - PASS
- 403.52 Verify ipv4 multicast traffic - PASS
- 403.53 Verify ipv6 multicast traffic - PASS
- 403.54 Remove ipv6 route - No Result
- 403.55 Remove sink 00:AA:00:00:00:08/60 of route ipv4 - No Result
- 403.56 Verify ipv4 multicast traffic - PASS
- 403.57 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 403.58 Verify ipv4 multicast traffic - PASS
- 403.59 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 403.60 Verify ipv4 multicast traffic - PASS
- 403.61 Stopping Mininet - PASS

Case 404: Extends MCASR 403 - PASS

- 404.1 Apply cell to environment - PASS
- 404.2 Uninstalling Atomix - PASS
- 404.3 Uninstalling ONOS package - PASS
- 404.4 Installing Atomix - PASS
- 404.5 Installing ONOS package - PASS
- 404.6 Set up ONOS secure SSH - PASS
- 404.7 Checking ONOS service - PASS
- 404.8 Starting ONOS CLI sessions - PASS
- 404.9 Checking ONOS nodes - PASS
- 404.10 Checking ONOS applications - PASS
- 404.11 Load configurations - PASS
- 404.12 Starting Mininet Topology - PASS
- 404.13 Start Scapy CLIs - No Result
- 404.14 Verify host IP address assignment in ONOS - PASS
- 404.15 Verify IP address assignment from hosts - PASS
- 404.16 Install ipv4 multicast route - No Result
- 404.17 Verify ipv4 multicast traffic - PASS
- 404.18 Install ipv6 multicast route - No Result
- 404.19 Verify ipv6 multicast traffic - PASS
- 404.20 Disable port of:0000000000000002/10 - No Result
- 404.21 Verify ipv4 multicast traffic - PASS
- 404.22 Verify ipv6 multicast traffic - PASS
- 404.23 Enable port of:0000000000000002/10 - No Result
- 404.24 Verify locations of hosts [h4v4] - PASS
- 404.25 Verify ipv4 multicast traffic - PASS
- 404.26 Verify ipv6 multicast traffic - PASS
- 404.27 Disable port of:0000000000000003/10 - No Result
- 404.28 Verify ipv4 multicast traffic - PASS
- 404.29 Verify ipv6 multicast traffic - PASS
- 404.30 Enable port of:0000000000000003/10 - No Result
- 404.31 Verify locations of hosts [h4v4] - PASS

- 404.32 Verify ipv4 multicast traffic - PASS
- 404.33 Verify ipv6 multicast traffic - PASS
- 404.34 Disable port of:0000000000000004/11 - No Result
- 404.35 Verify ipv4 multicast traffic - PASS
- 404.36 Verify ipv6 multicast traffic - PASS
- 404.37 Enable port of:0000000000000004/11 - No Result
- 404.38 Verify locations of hosts ['h10v4'] - PASS
- 404.39 Verify ipv4 multicast traffic - PASS
- 404.40 Verify ipv6 multicast traffic - PASS
- 404.41 Disable port of:0000000000000005/10 - No Result
- 404.42 Verify ipv4 multicast traffic - PASS
- 404.43 Verify ipv6 multicast traffic - PASS
- 404.44 Enable port of:0000000000000005/10 - No Result
- 404.45 Verify locations of hosts ['h10v4'] - PASS
- 404.46 Verify ipv4 multicast traffic - PASS
- 404.47 Verify ipv6 multicast traffic - PASS
- 404.48 Killing a batch of links [['leaf3', 'spine101'], ['leaf2', 'spine102']] - PASS
- 404.49 Verify ipv4 multicast traffic - PASS
- 404.50 Verify ipv6 multicast traffic - PASS
- 404.51 Restoring a batch of links [['leaf3', 'spine101'], ['leaf2', 'spine102']] - PASS
- 404.52 Verify ipv4 multicast traffic - PASS
- 404.53 Verify ipv6 multicast traffic - PASS
- 404.54 Remove ipv6 route - No Result
- 404.55 Remove sink 00:AA:00:00:00:08/60 of route ipv4 - No Result
- 404.56 Verify ipv4 multicast traffic - PASS
- 404.57 Remove sink 00:AA:00:00:00:06/None of route ipv4 - No Result
- 404.58 Verify ipv4 multicast traffic - PASS
- 404.59 Remove source [u'00:AA:00:00:00:02/None'] of route ipv4 - No Result
- 404.60 Verify ipv4 multicast traffic - PASS
- 404.61 Stopping Mininet - PASS