

# Mesh

## Mesh Test Plan



Fri Jan 24 20:24:46 PST 2020

| Test Setup Information |          |   |
|------------------------|----------|---|
| Device Under Test      | Name     | RootAP  |
|                        | SSIDs    | orbimeshtest orbimeshtest orbimeshtest                |
|                        | BSSIDs   | 8c:3b:ad:2c:b3:4f 92:3b:ad:2c:b3:4c 92:3b:ad:2c:b3:4e |
| Estimated Run Time     | 0 ms     |   |
| Actual Run Time        | 48.288 m |   |

## Objective

Automated testing for 3-node mesh systems.

## Summary Results

| Test  | Result    | Score | Elapsed  | Info  |
|---|-----------|-------|----------|---|
| Roam<br>Chamber Loc: ABC<br>STA Loc: Close Root AP    | 5Ghz PASS | 0     | 12.749 m | STA:CR-Orbit Near UDP DL Sum Throughput: 93.18 Mbps<br>STA:CR-Random Middle UDP DL Sum Throughput: 94.53 Mbps<br>STA:CR-South-East UDP DL Sum Throughput: 86.69 Mbps    |
| Roam<br>Chamber Loc: A-B-C<br>STA Loc: Close Root AP  | 5Ghz PASS | 0     | 13.616 m | STA:CR-Orbit Near UDP DL Sum Throughput: 179.73 Mbps<br>STA:CR-Random Middle UDP DL Sum Throughput: 157.19 Mbps<br>STA:CR-South-East UDP DL Sum Throughput: 192.58 Mbps |
| Roam<br>Chamber Loc: Random<br>STA Loc: Close Root AP | 5Ghz PASS | 0     | 21.633 m | STA:CR-Orbit Near UDP DL Sum Throughput: 102.67 Mbps<br>STA:CR-Random Middle UDP DL Sum Throughput: 121.94 Mbps<br>STA:CR-South-East UDP DL Sum Throughput: 37.31 Mbps  |

## Roam

### Summary

Traffic on each AP in the test.

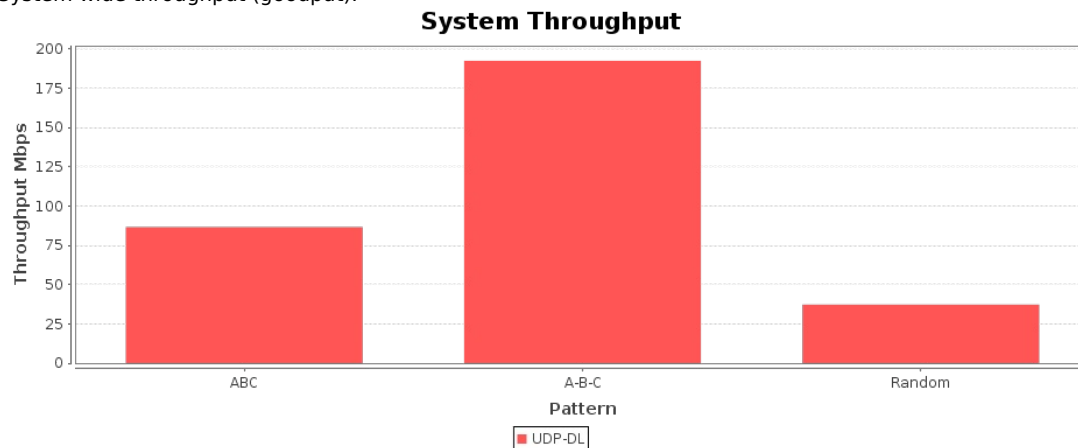
## Roam

### Chamber Loc: ABC

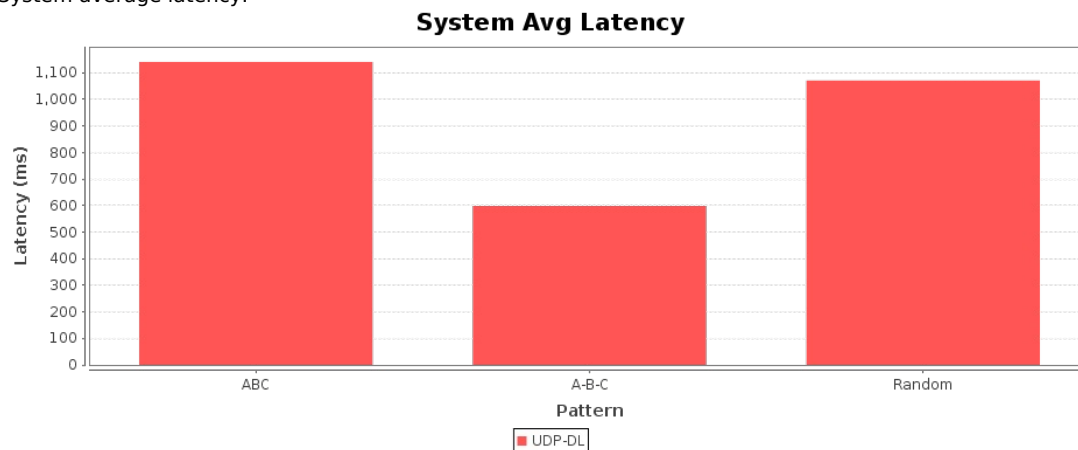
### STA Loc: Close Root AP Results

| Type   | Result | Notes  |
|--|--------|--|
| AP Chamber Position                          |        | ABC  |
| Station Chamber Position                     |        | Close Root AP                                  |
| STA-Orbit Near UDP DL MobileStations         | Result | Node Throughput: 93.18 Mbps Avg-Rt-Lat: 214ms  |
| STA-Orbit Near UDP DL Path: Orbit Near       | Result | Sum Throughput: 93.18 Mbps Avg-Rt-Lat: 214ms   |
| STA-Random Middle UDP DL MobileStations      | Result | Node Throughput: 94.53 Mbps Avg-Rt-Lat: 141ms  |
| STA-Random Middle UDP DL Path: Random Middle | Result | Sum Throughput: 94.53 Mbps Avg-Rt-Lat: 141ms   |
| STA-South-East UDP DL MobileStations         | Result | Node Throughput: 86.69 Mbps Avg-Rt-Lat: 1141ms |
|  |        |  |

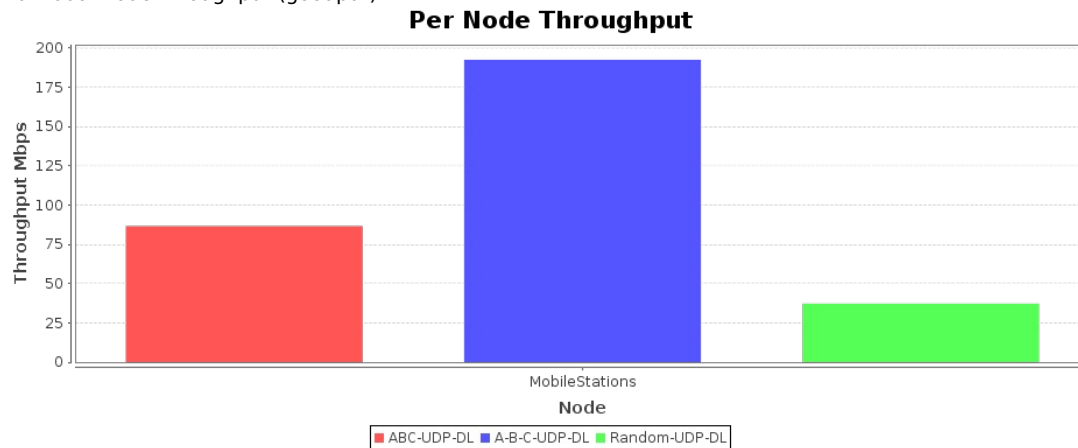
System wide throughput (goodput).



System average latency.

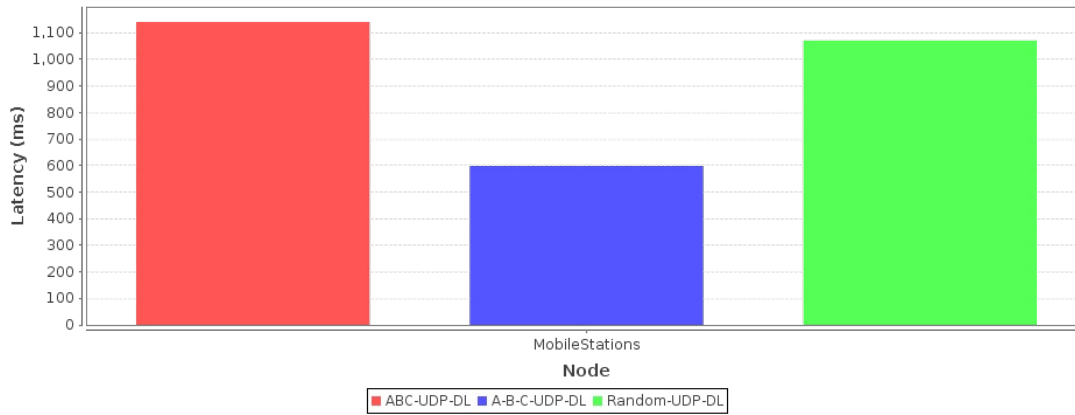


Individual node throughput (goodput).



Node average latency.

Per Node Avg Latency



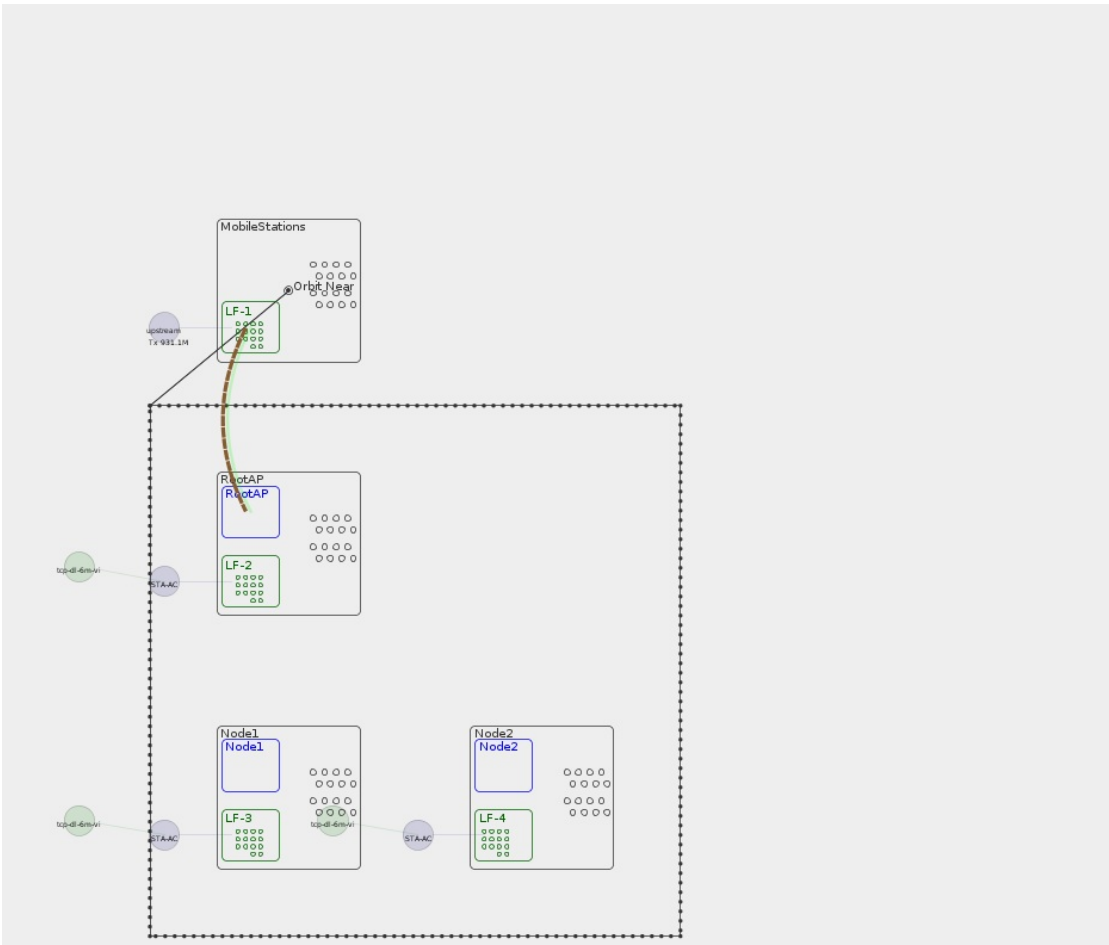
STA:Close Root AP-Orbit Near UDP DL Snapshot

| Port           | Tx-Bps 1m | RxBps 1m    | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode        | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|-------------|-----------|--------------|--------------|-------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 220 bps   | 41.485 Mbps | 0         | 234 Mbps     | 390 Mbps     | 802.11an-AC | 48      | 147              | -55        | 8C:3B:AD:2C:B3:4F | 192.168.1.70 | 04:f0:21:3e:f1:09 |

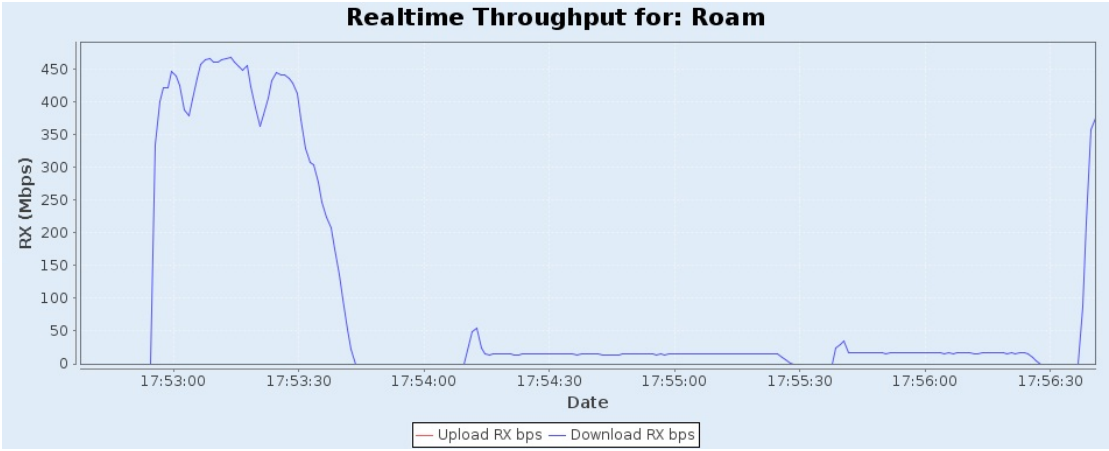
| Port       | Tx-Bps 1m    | Rx-Bps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|-----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 901.416 Mbps | 332 bps   | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m   | Rx-Bps 1m   | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|-------------|-------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps       | 31.739 Mbps | 214            | 214                    | 0      | 89.929           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 73.008 Mbps | 0 bps       | 0              | 214                    | 0      | 0                |

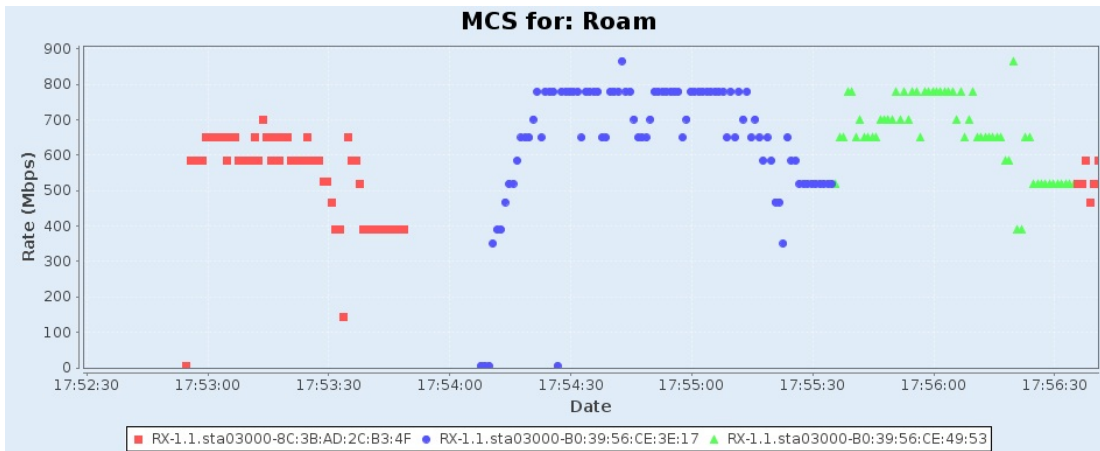
Chamber Layout for this iteration: Roam Chamber Loc: ABC STA Loc: Close Root AP STA:Close Root AP-Orbit Near



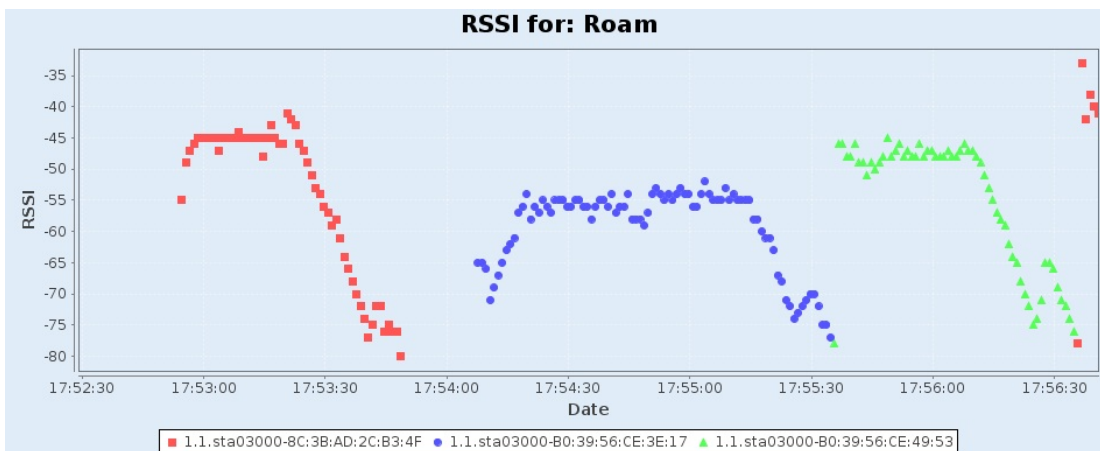
Realtime Throughput for: Roam



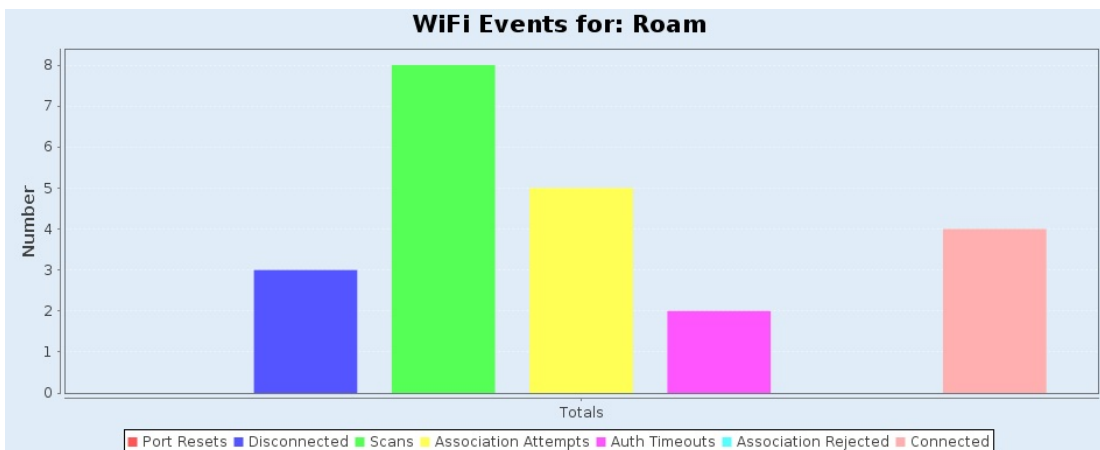
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



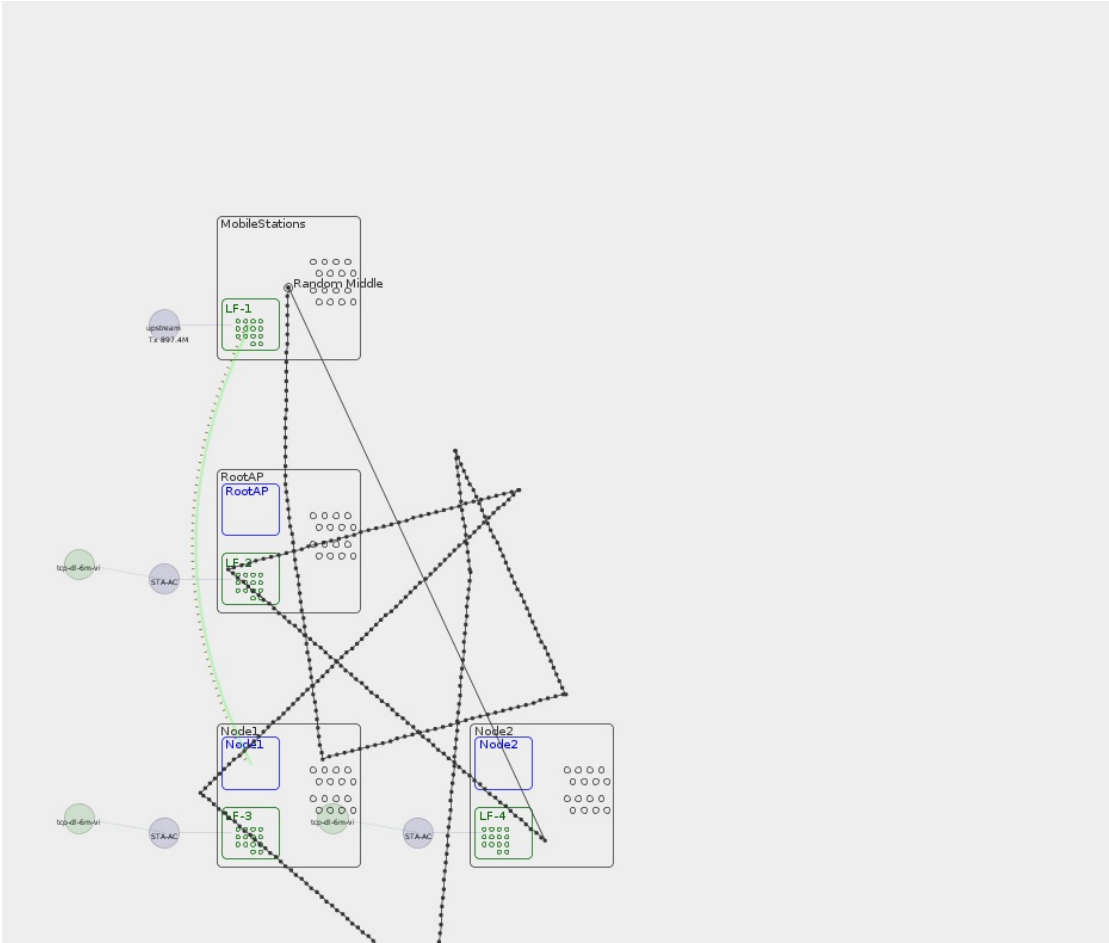
## STA:Close Root AP-Random Middle UDP DL Snapshot

| Port              | Tx-Bps<br>1m | RxBps<br>1m    | Tx-Fail<br>% | Tx-Link-<br>Rate | Rx-Link-<br>Rate | Mode            | Channel | Last CX-<br>Time(ms) | RSSI<br>(dBm) | AP                | IP           | MAC               |
|-------------------|--------------|----------------|--------------|------------------|------------------|-----------------|---------|----------------------|---------------|-------------------|--------------|-------------------|
| 1.1.7<br>sta03000 | 246<br>bps   | 282.68<br>Mbps | 1.24         | 351<br>Mbps      | 650<br>Mbps      | 802.11an-<br>AC | 48      | 54                   | -66           | B0:39:56:CE:49:53 | 192.168.1.70 | 04:f0:21:3e:f1:09 |

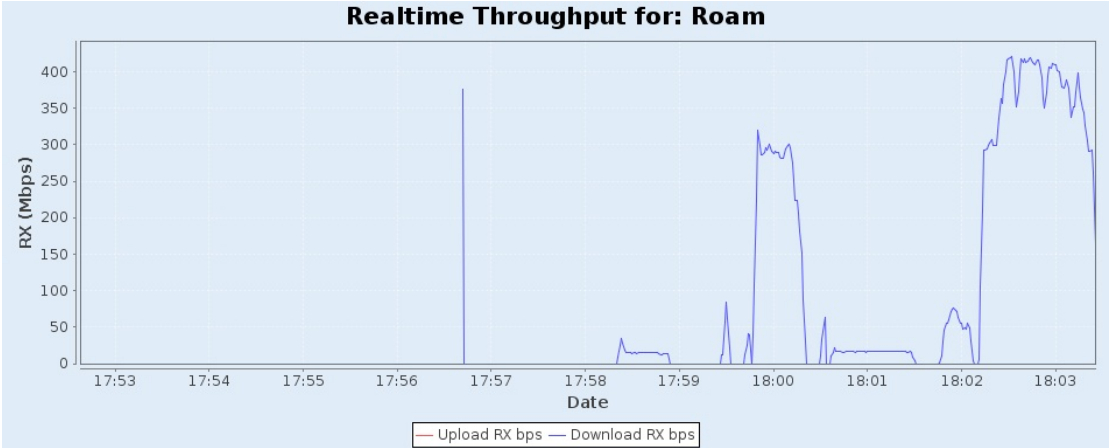
| Port       | Tx-Bps 1m    | Rx-Bps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|-----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 855.337 Mbps | 325 bps   | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | Rx-Bps 1m    | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|--------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 368.933 Mbps | 141            | 141                    | 0      | 88.839           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 883.286 Mbps | 0 bps        | 0              | 141                    | 0      | 0                |

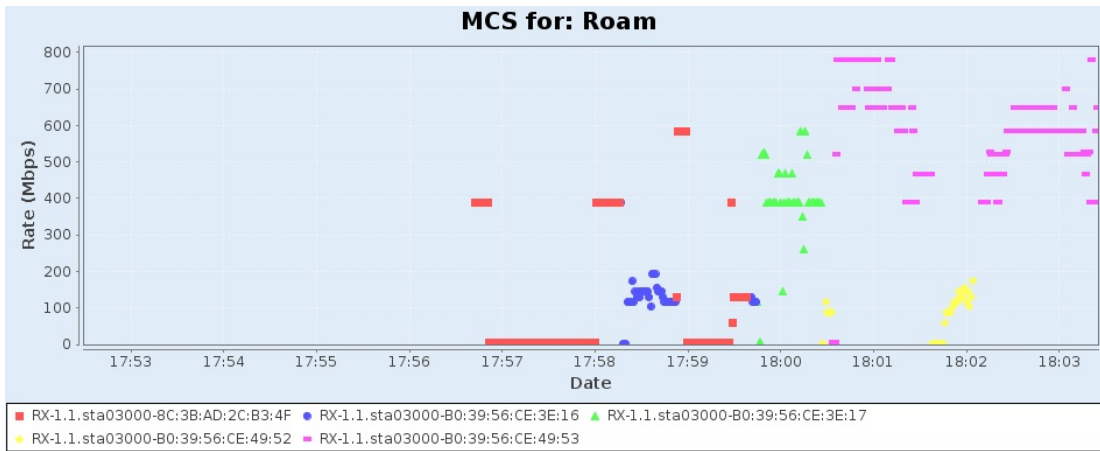
Chamber Layout for this iteration: Roam Chamber Loc: ABC STA Loc: Close Root AP STA:Close Root AP-Random Middle



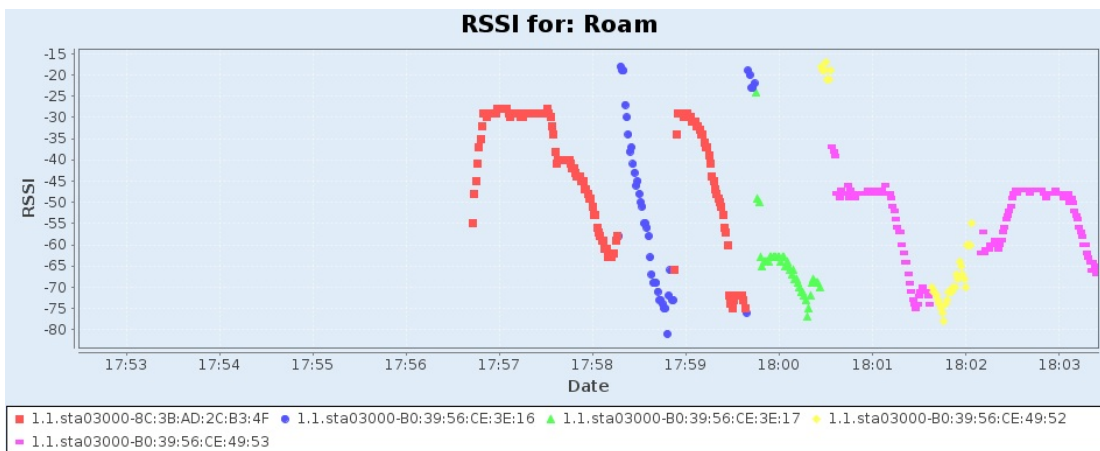
Realtime Throughput for: Roam



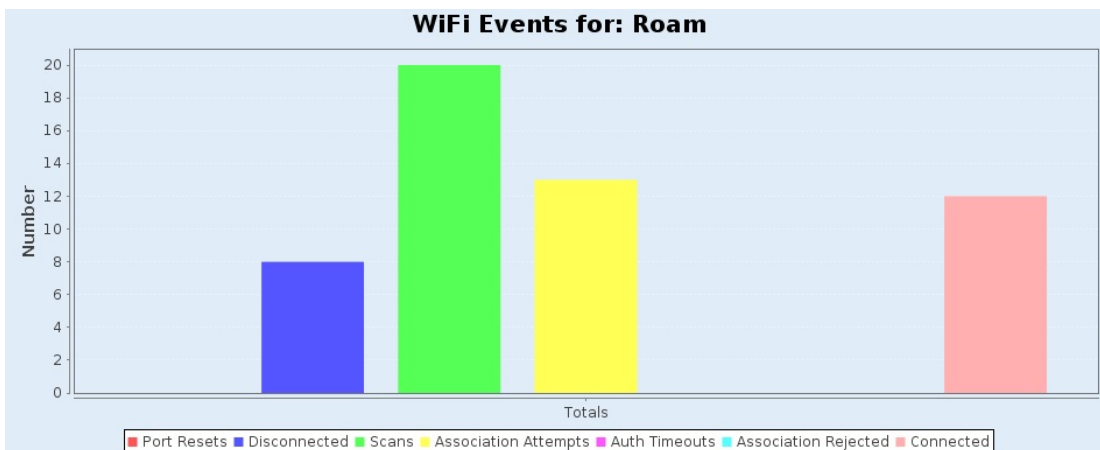
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



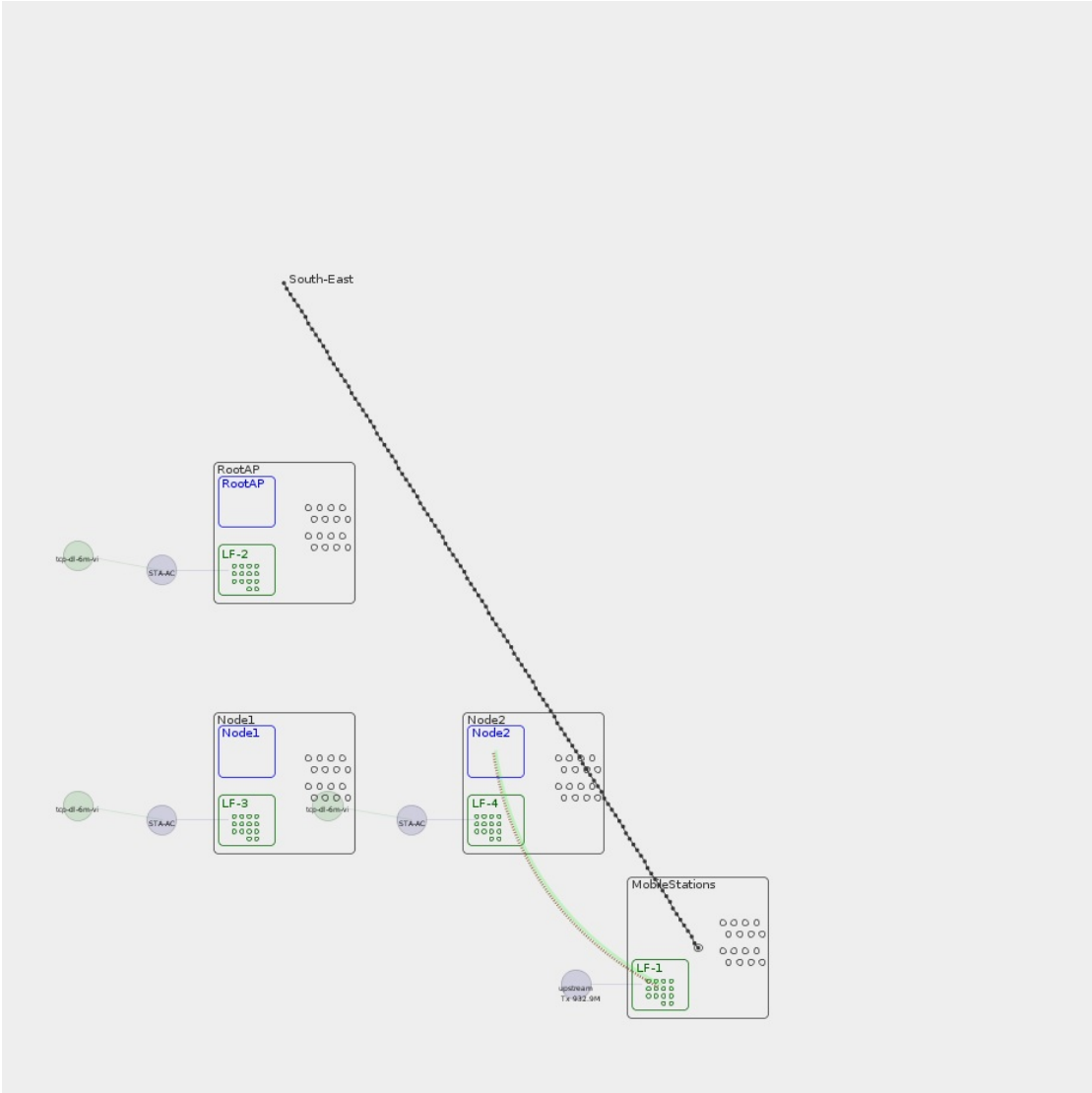
## STA:Close Root AP-South-East UDP DL Snapshot

| Port              | Tx-Bps<br>1m | RxBps<br>1m     | Tx-Fail<br>% | Tx-Link-<br>Rate | Rx-Link-<br>Rate | Mode            | Channel | Last CX-<br>Time(ms) | RSSI<br>(dBm) | AP                | IP           | MAC               |
|-------------------|--------------|-----------------|--------------|------------------|------------------|-----------------|---------|----------------------|---------------|-------------------|--------------|-------------------|
| 1.1.7<br>sta03000 | 417<br>bps   | 100.833<br>Mbps | 2.878        | 234<br>Mbps      | 390<br>Mbps      | 802.11an-<br>AC | 48      | 33                   | -67           | B0:39:56:CE:3E:17 | 192.168.1.70 | 04:f0:21:3e:f1:09 |

| Port       | Tx-Bps 1m    | Rx-Bps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|-----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 846.368 Mbps | 541 bps   | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

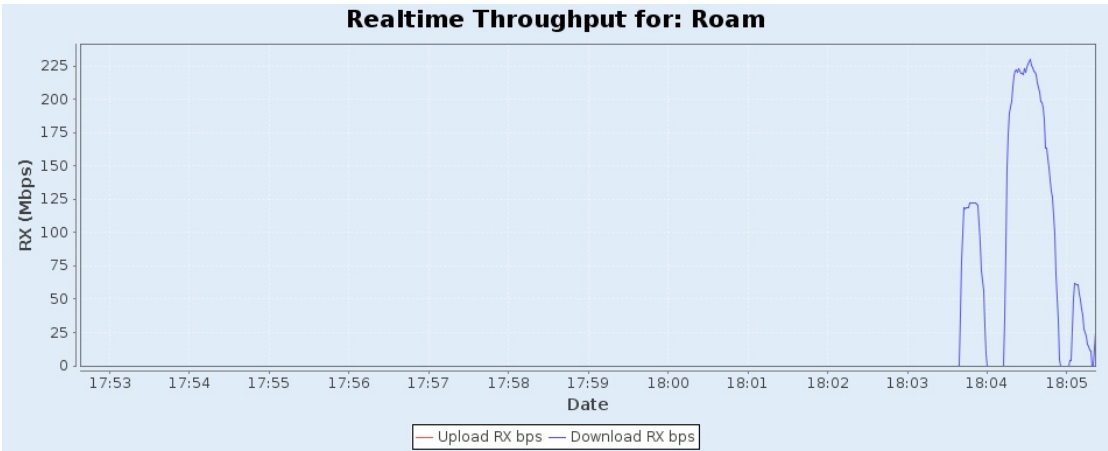
| Endpoint                       | Tx-Bps 1m   | Rx-Bps 1m  | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|-------------|------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps       | 1.313 Mbps | 1,141          | 1,141                  | 0      | 89.428           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 14.987 Mbps | 0 bps      | 0              | 1,141                  | 0      | 0                |

Chamber Layout for this iteration: Roam Chamber Loc: ABC STA Loc: Close Root AP STA:Close Root AP-South-East

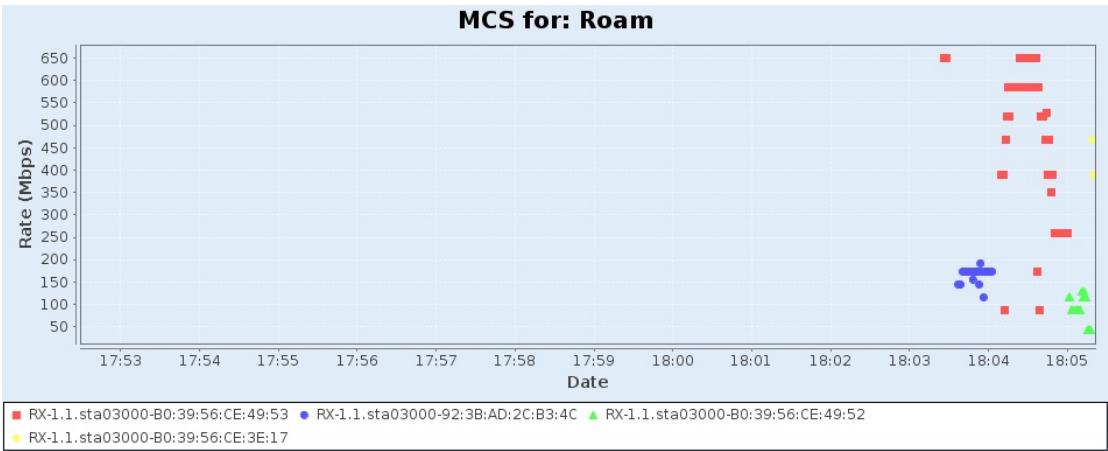


Realtime Throughput for: Roam

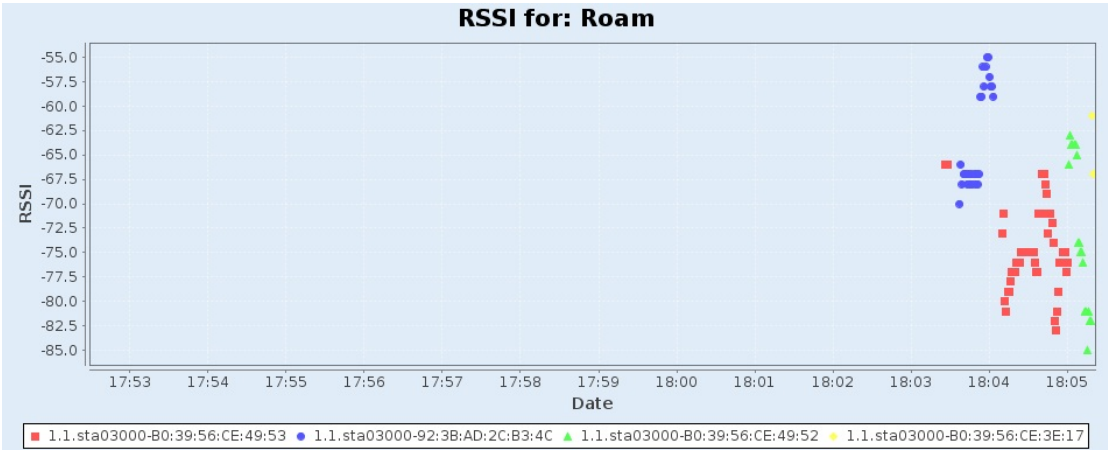




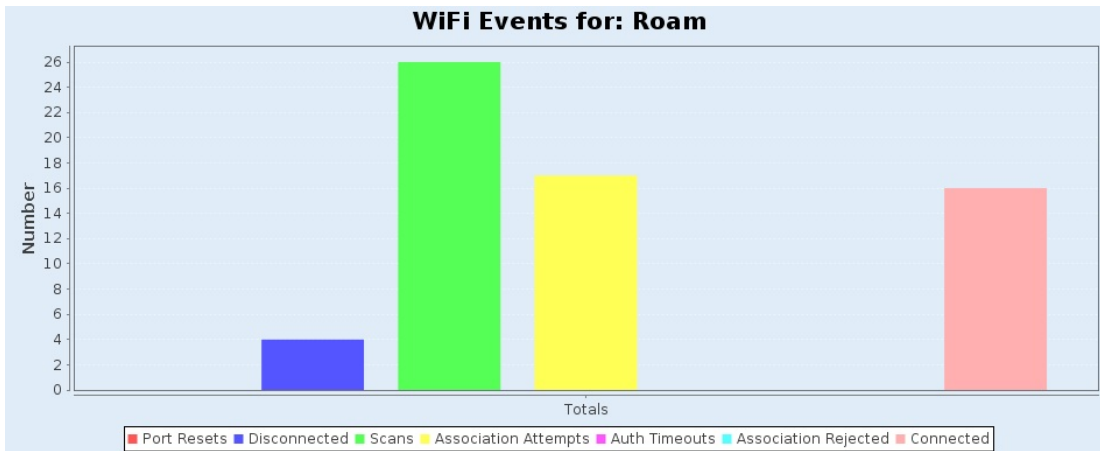
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



## Roam

### Summary

Traffic on each AP in the test.

## Roam

### Chamber Loc: A-B-C

### STA Loc: Close Root AP Results

| Type   | Result | Notes  |
|--|--------|--|
| AP Chamber Position                          |        | A-B-C  |
| Station Chamber Position                     |        | Close Root AP                                  |
| STA-Orbit Near UDP DL MobileStations         | Result | Node Throughput: 179.73 Mbps Avg-Rt-Lat: 219ms |
| STA-Orbit Near UDP DL Path: Orbit Near       | Result | Sum Throughput: 179.73 Mbps Avg-Rt-Lat: 219ms  |
| STA-Random Middle UDP DL MobileStations      | Result | Node Throughput: 157.19 Mbps Avg-Rt-Lat: 139ms |
| STA-Random Middle UDP DL Path: Random Middle | Result | Sum Throughput: 157.19 Mbps Avg-Rt-Lat: 139ms  |
| STA-South-East UDP DL MobileStations         | Result | Node Throughput: 192.58 Mbps Avg-Rt-Lat: 599ms |
| STA-South-East UDP DL Path: South-East       | Result | Sum Throughput: 192.58 Mbps Avg-Rt-Lat: 599ms  |

### STA:Close Root AP-Orbit Near UDP DL Snapshot

| Port           | Tx-Bps 1m | RxBps 1m     | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode        | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|--------------|-----------|--------------|--------------|-------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 281 bps   | 179.466 Mbps | 0         | 234 Mbps     | 390 Mbps     | 802.11an-AC | 48      | 149              | -63        | 8C:3B:AD:2C:B3:4F | 192.168.1.26 | 04:f0:21:3e:ee:09 |

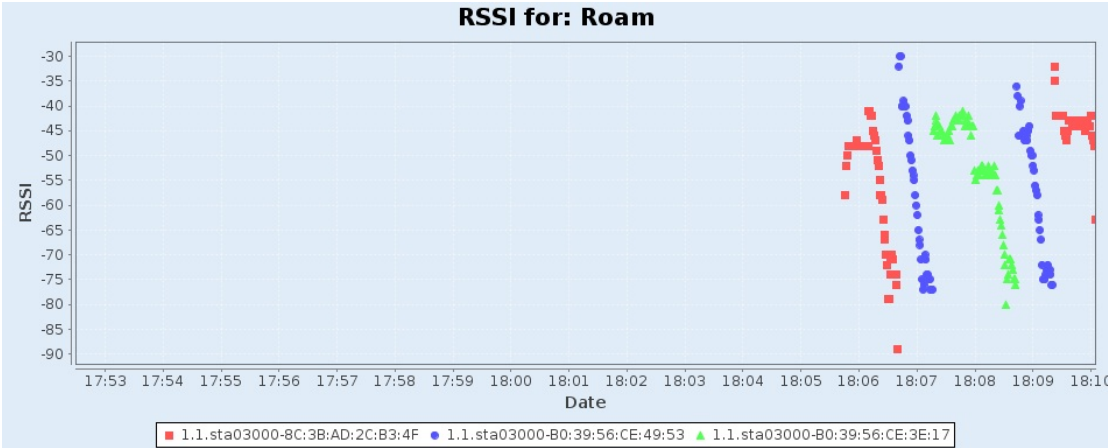
| Port       | Tx-Bps 1m    | Rx-Bps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|-----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 864.373 Mbps | 223 bps   | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | Rx-Bps 1m    | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|--------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 263.884 Mbps | 219            | 219                    | 0      | 75.262           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 604.653 Mbps | 0 bps        | 0              | 219                    | 0      | 0                |

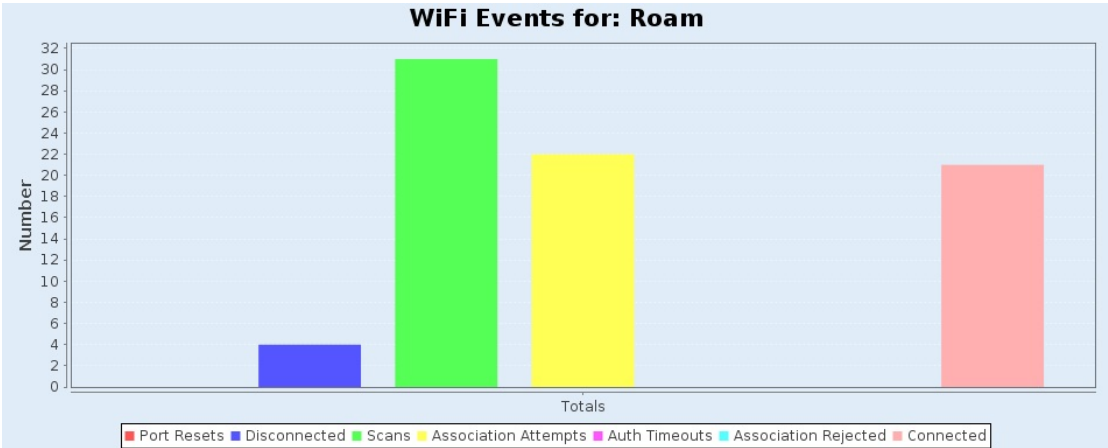
Chamber Layout for this iteration: Roam Chamber Loc: A-B-C STA Loc: Close Root AP STA:Close Root AP-Orbit Near



RSSI for: Roam



WiFi Events for: Roam



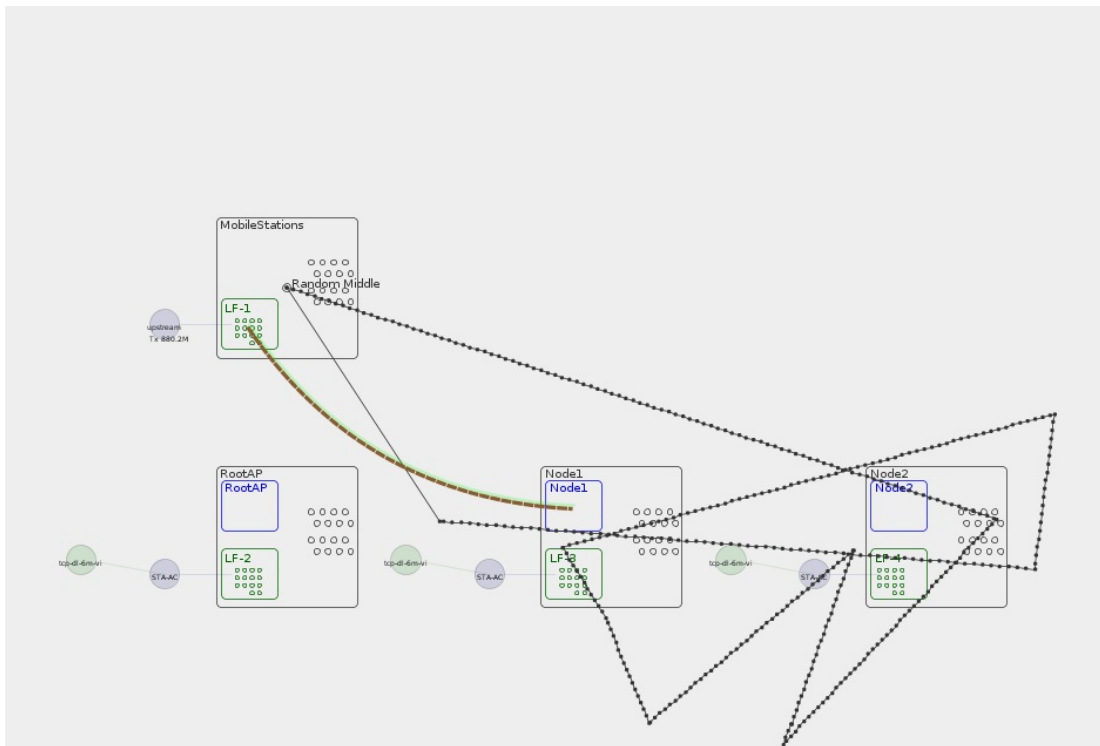
**STA:Close Root AP-Random Middle UDP DL Snapshot**

| Port           | Tx-Bps 1m | RxBps 1m     | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode        | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|--------------|-----------|--------------|--------------|-------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 232 bps   | 101.577 Mbps | 3.805     | 351 Mbps     | 702 Mbps     | 802.11an-AC | 48      | 64               | -48        | B0:39:56:CE:49:53 | 192.168.1.26 | 04:f0:21:3e:ee:09 |

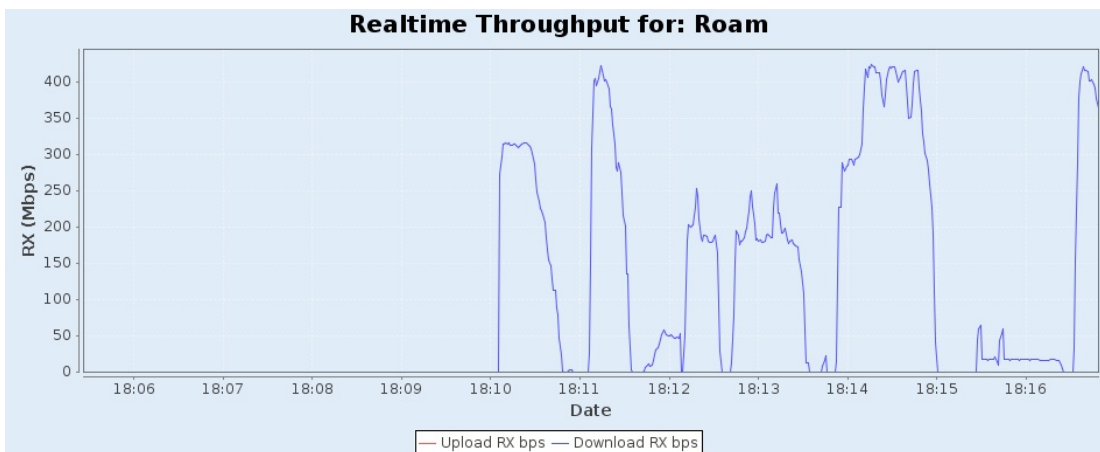
| Port       | Tx-Bps 1m    | RxBps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 856.523 Mbps | 350 bps  | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | RxBps 1m     | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|--------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 109.491 Mbps | 139            | 139                    | 0      | 81.587           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 249.975 Mbps | 0 bps        | 0              | 139                    | 0      | 0                |

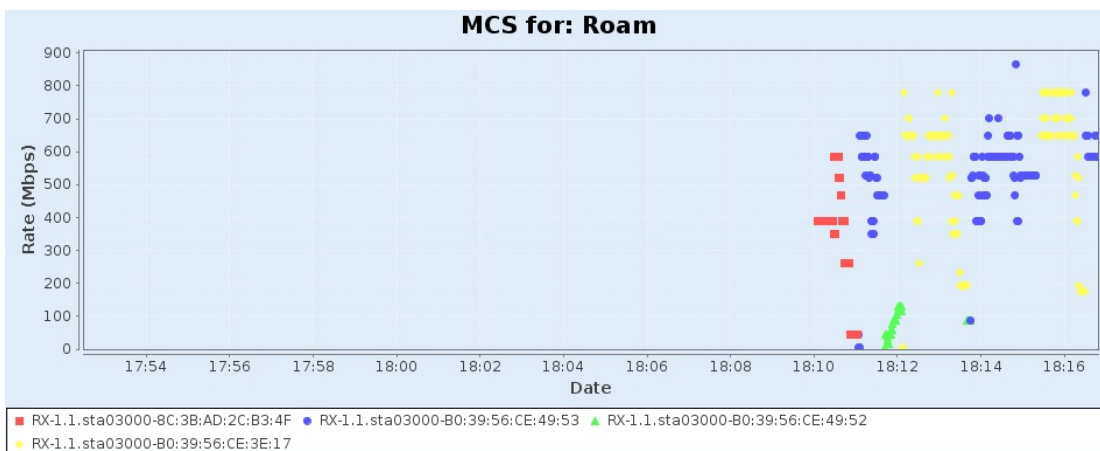
Chamber Layout for this iteration: Roam Chamber Loc: A-B-C STA Loc: Close Root AP STA:Close Root AP-Random Middle



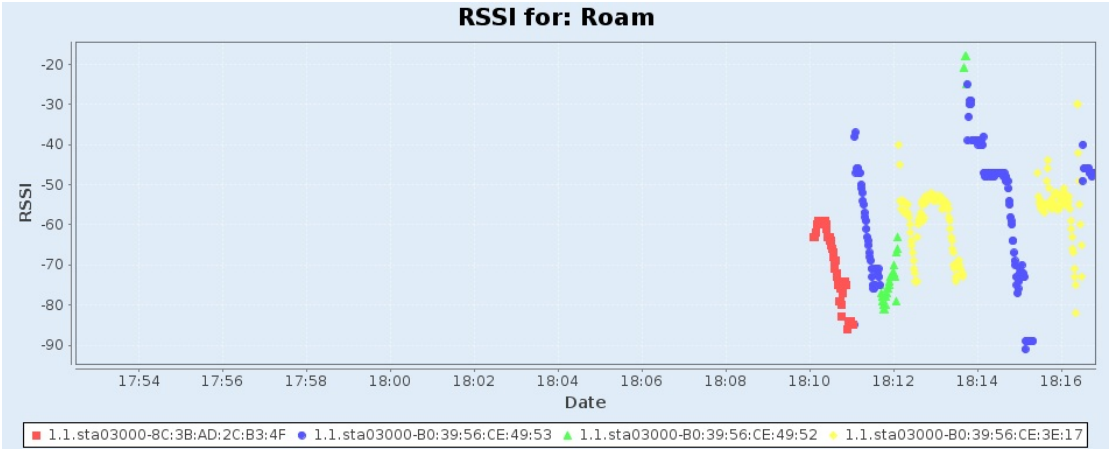
Realtime Throughput for: Roam



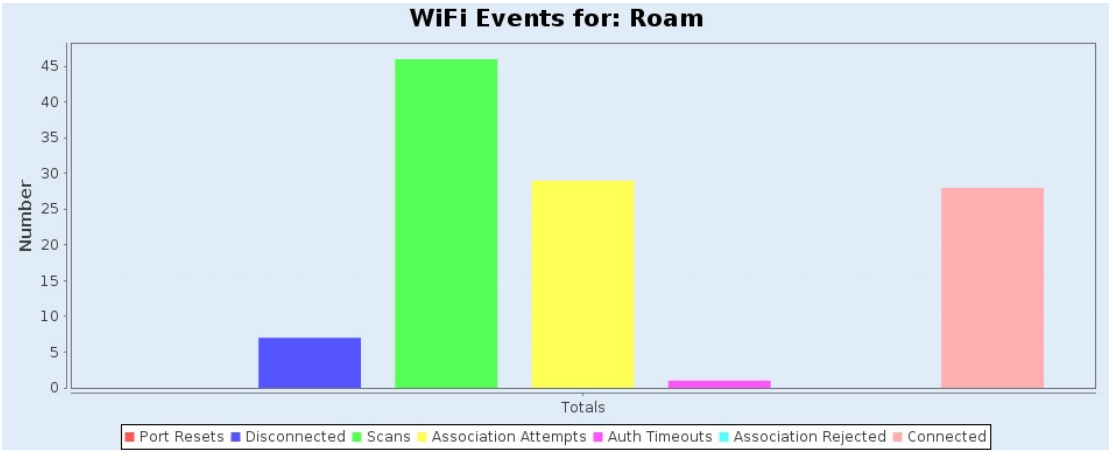
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



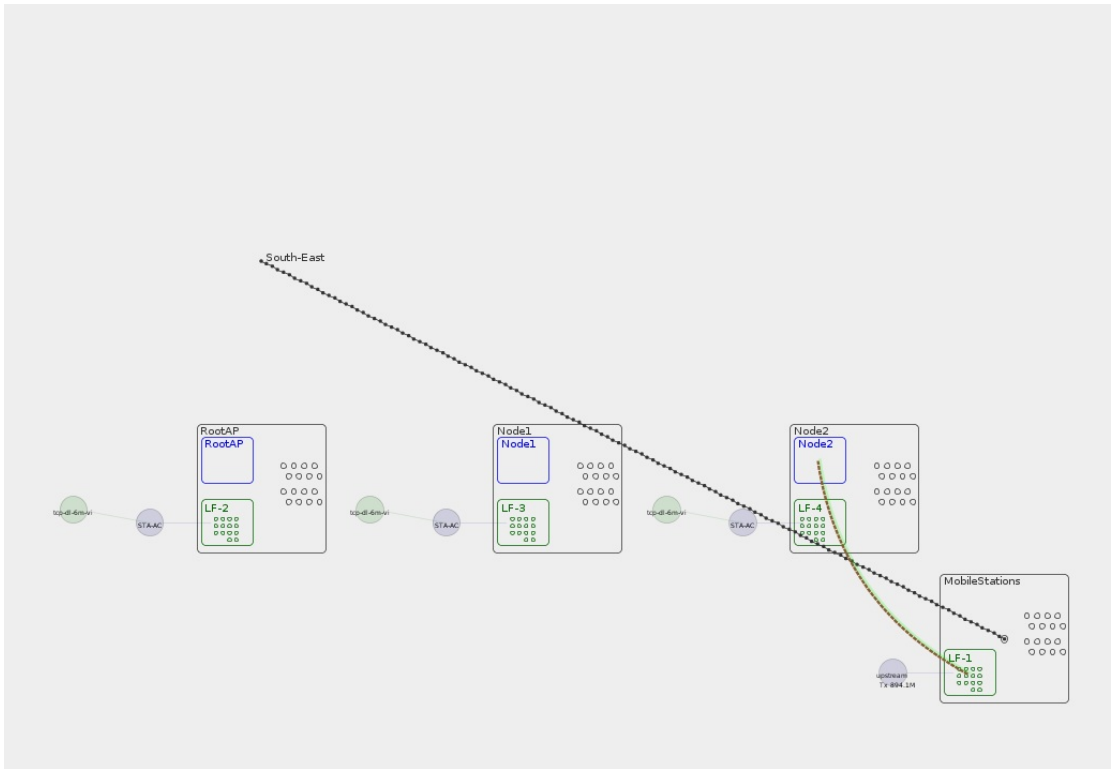
**STA:Close Root AP-South-East UDP DL Snapshot**

| Port           | Tx-Bps 1m | RxBps 1m   | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode         | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|------------|-----------|--------------|--------------|--------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 148 bps   | 246.1 Mbps | 5.159     | 39 Mbps      | 192.2 Mbps   | 802.11bgn-AC | 8       | 53               | -49        | B0:39:56:CE:3E:16 | 192.168.1.26 | 04:f0:21:3e:ee:09 |

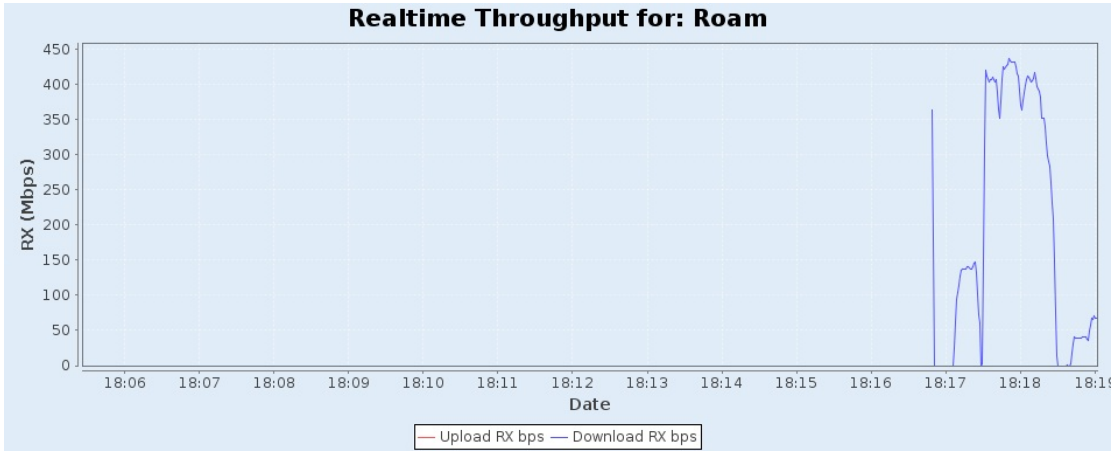
| Port       | Tx-Bps 1m    | RxBps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 860.722 Mbps | 183 bps  | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | RxBps 1m    | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|-------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 17.812 Mbps | 599            | 599                    | 0      | 77.203           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 303.649 Mbps | 0 bps       | 0              | 599                    | 0      | 0                |

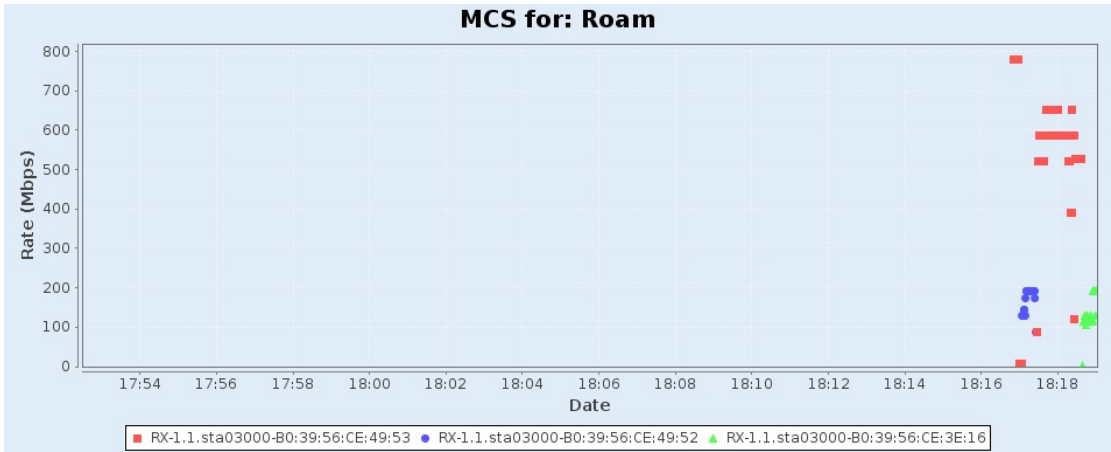
Chamber Layout for this iteration: Roam Chamber Loc: A-B-C STA Loc: Close Root AP STA:Close Root AP-South-East



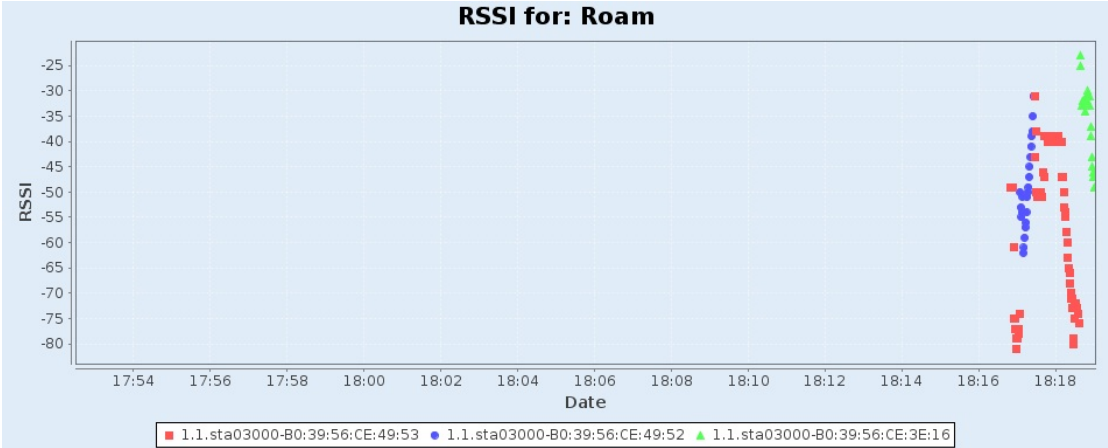
Realtime Throughput for: Roam



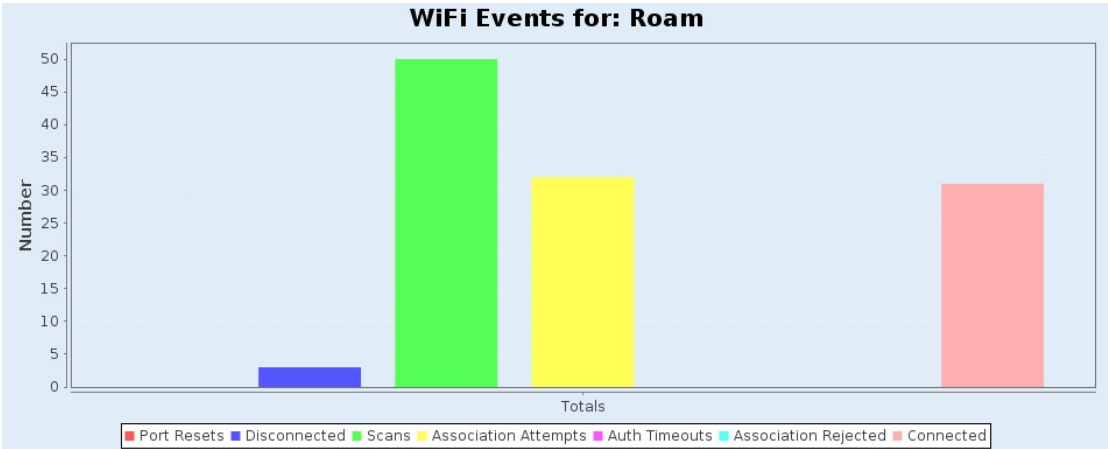
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



## Roam

### Summary

Traffic on each AP in the test.

## Roam

### Chamber Loc: Random

### STA Loc: Close Root AP Results

| Type   | Result | Notes  |
|--|--------|--|
| AP Chamber Position                          |        | Random   |
| Station Chamber Position                     |        | Close Root AP                                  |
| STA-Orbit Near UDP DL MobileStations         | Result | Node Throughput: 102.67 Mbps Avg-Rt-Lat: 218ms |
| STA-Orbit Near UDP DL Path: Orbit Near       | Result | Sum Throughput: 102.67 Mbps Avg-Rt-Lat: 218ms  |
| STA-Random Middle UDP DL MobileStations      | Result | Node Throughput: 121.94 Mbps Avg-Rt-Lat: 189ms |
| STA-Random Middle UDP DL Path: Random Middle | Result | Sum Throughput: 121.94 Mbps Avg-Rt-Lat: 189ms  |
| STA-South-East UDP DL MobileStations         | Result | Node Throughput: 37.31 Mbps Avg-Rt-Lat: 1071ms |



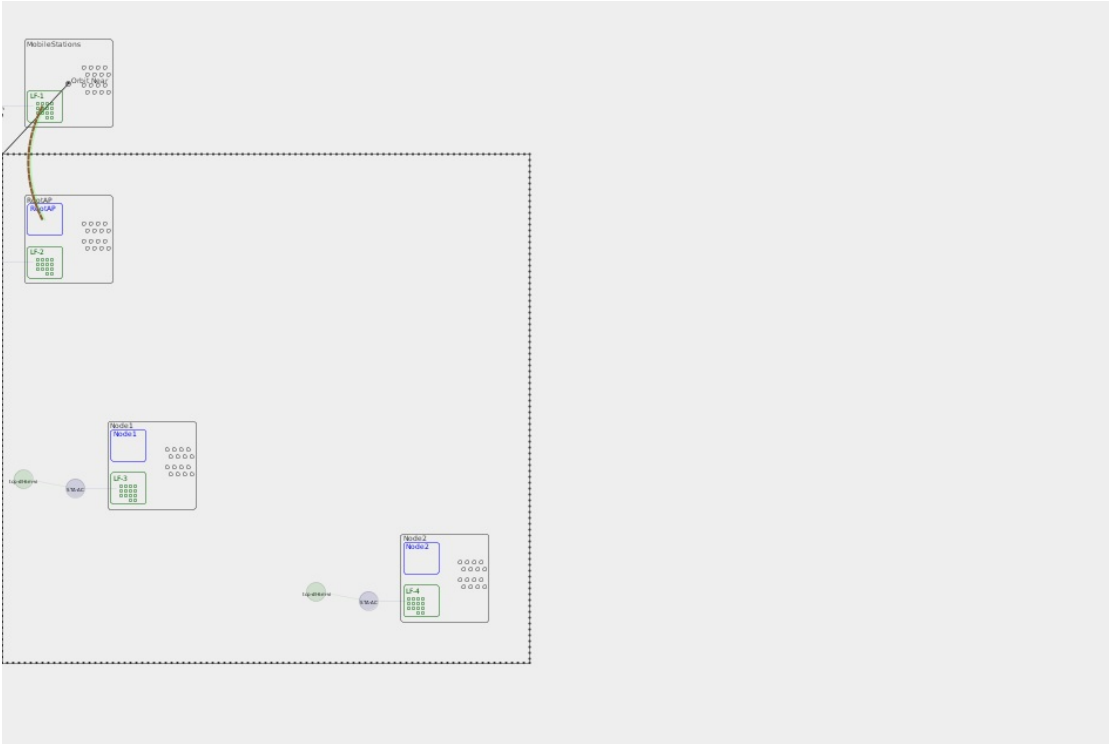
STA:Close Root AP-Orbit Near UDP DL Snapshot

| Port           | Tx-Bps 1m | RxBps 1m     | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode        | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|--------------|-----------|--------------|--------------|-------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 232 bps   | 274.872 Mbps | 29.947    | 351 Mbps     | 390 Mbps     | 802.11an-AC | 48      | 287              | -62        | 8C:3B:AD:2C:B3:4F | 192.168.1.42 | 04:f0:21:3e:e9:09 |

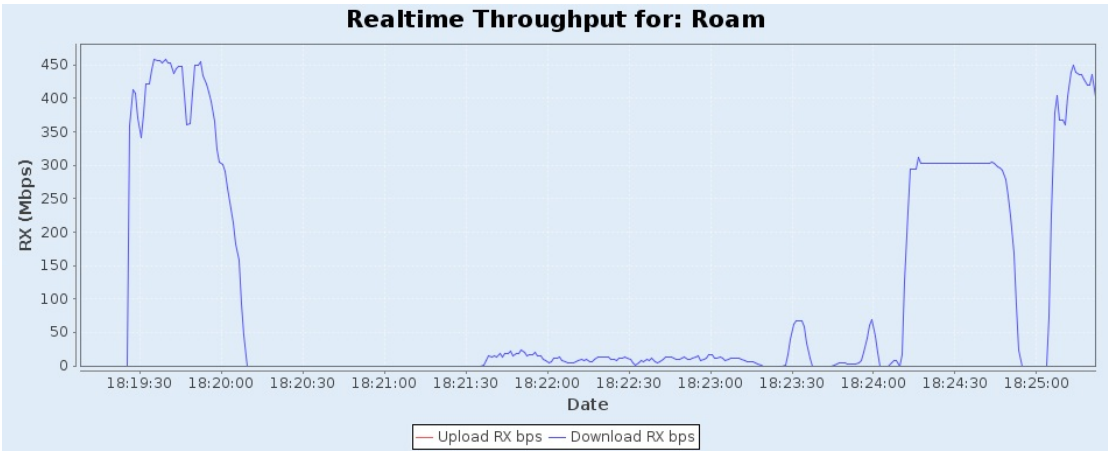
| Port       | Tx-Bps 1m    | Rx-Bps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|-----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 870.956 Mbps | 364 bps   | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | Rx-Bps 1m    | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|--------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 123.955 Mbps | 218            | 218                    | 0      | 89.073           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 249.667 Mbps | 0 bps        | 0              | 218                    | 0      | 0                |

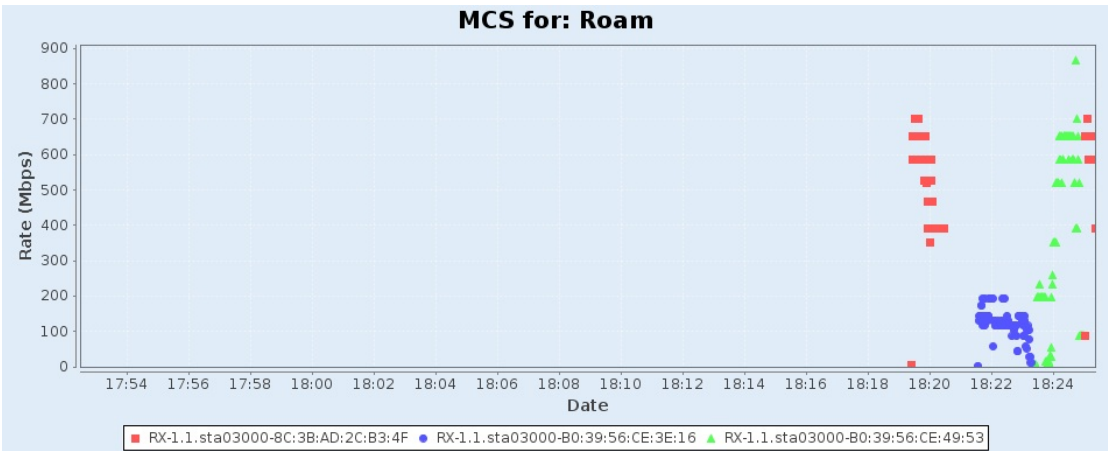
Chamber Layout for this iteration: Roam Chamber Loc: Random STA Loc: Close Root AP STA:Close Root AP-Orbit Near



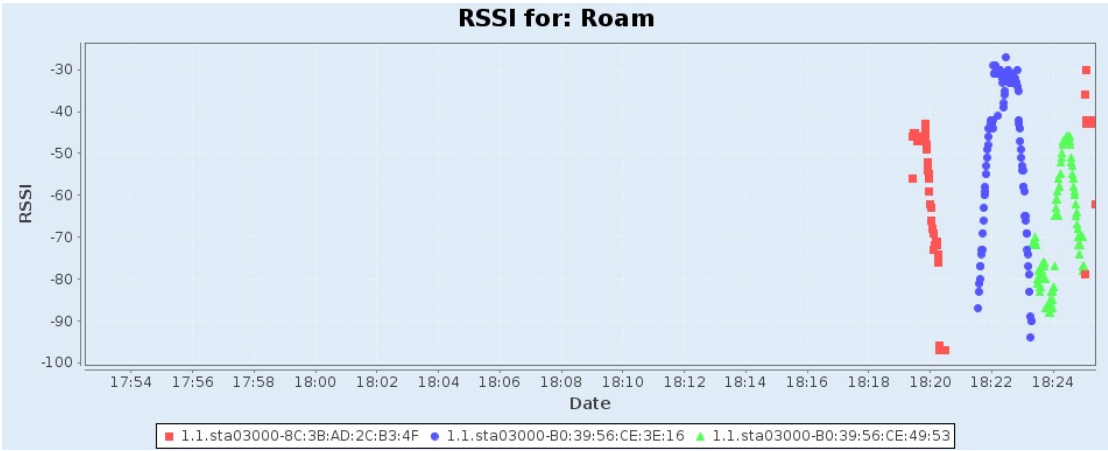
Realtime Throughput for: Roam



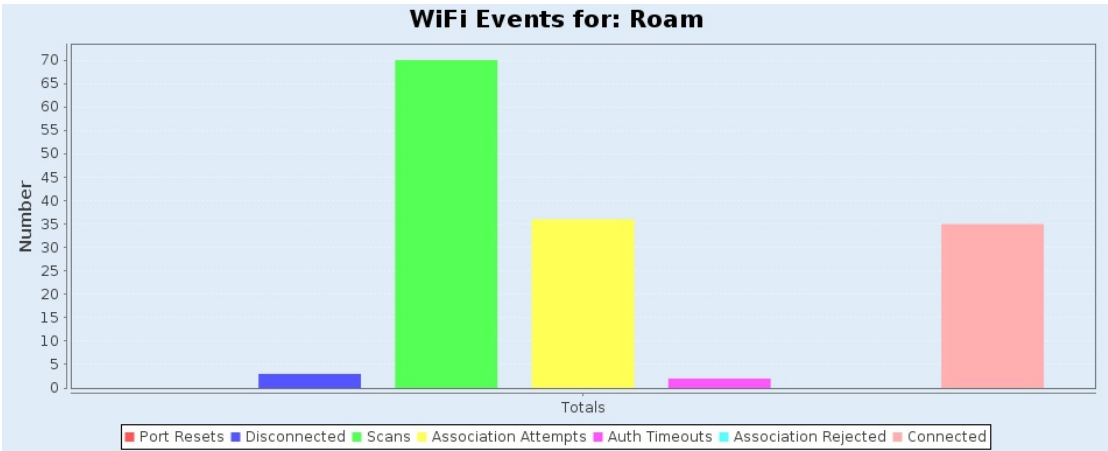
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



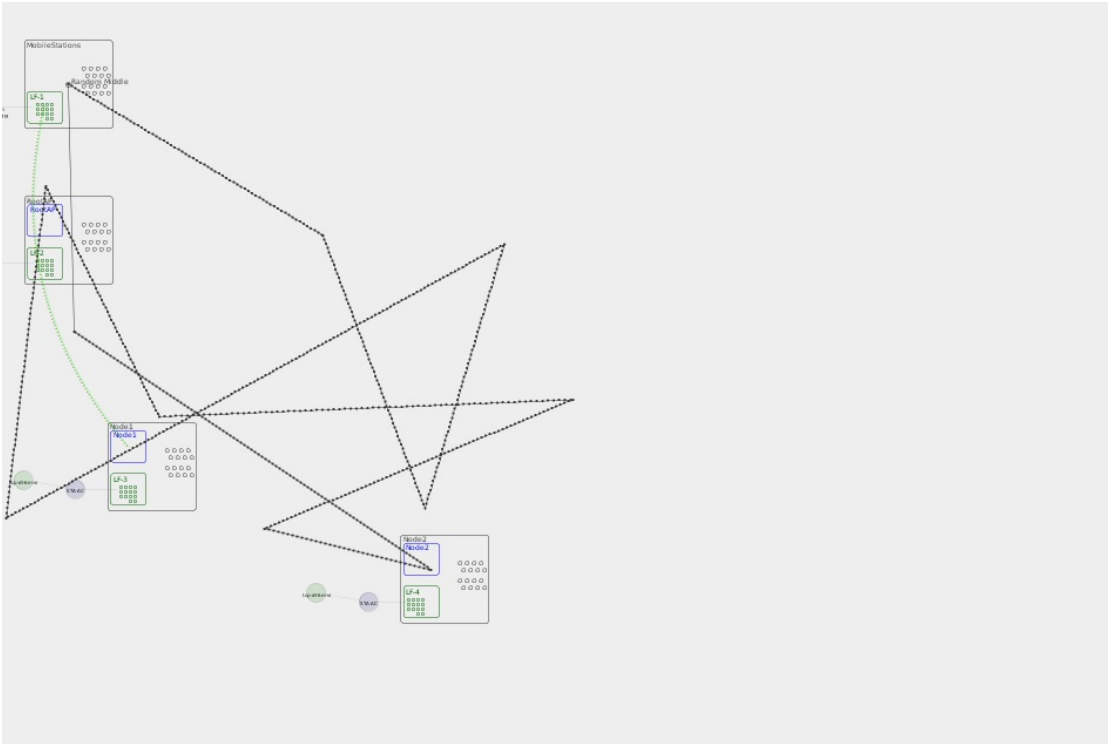
STA:Close Root AP-Random Middle UDP DL Snapshot

| Port           | Tx-Bps 1m | RxBps 1m     | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode        | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|--------------|-----------|--------------|--------------|-------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 221 bps   | 178.723 Mbps | 12.782    | 468 Mbps     | 650 Mbps     | 802.11an-AC | 48      | 34               | -67        | B0:39:56:CE:49:53 | 192.168.1.42 | 04:f0:21:3e:e9:09 |

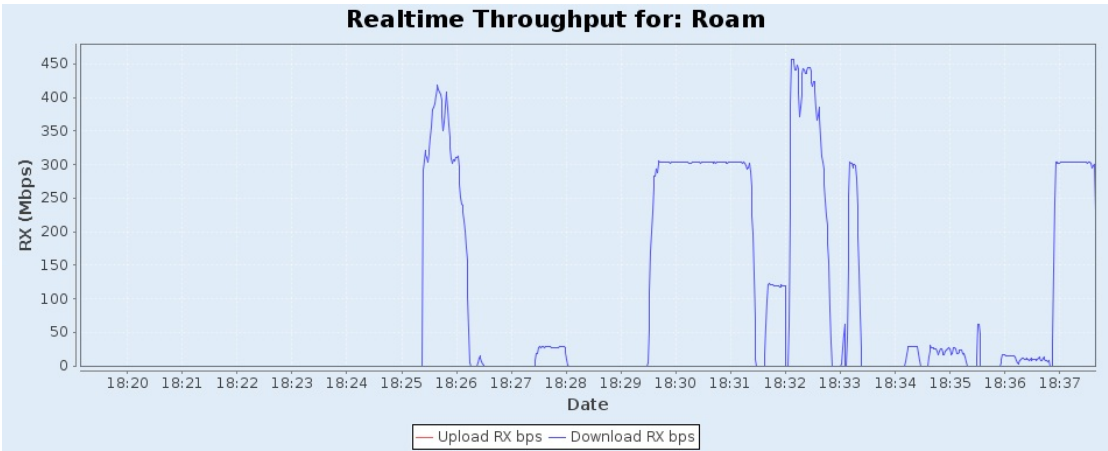
| Port       | Tx-Bps 1m    | Rx-Bps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|-----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 846.142 Mbps | 226 bps   | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | Rx-Bps 1m    | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|--------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 231.714 Mbps | 189            | 189                    | 0      | 86.524           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 711.671 Mbps | 0 bps        | 0              | 189                    | 0      | 0                |

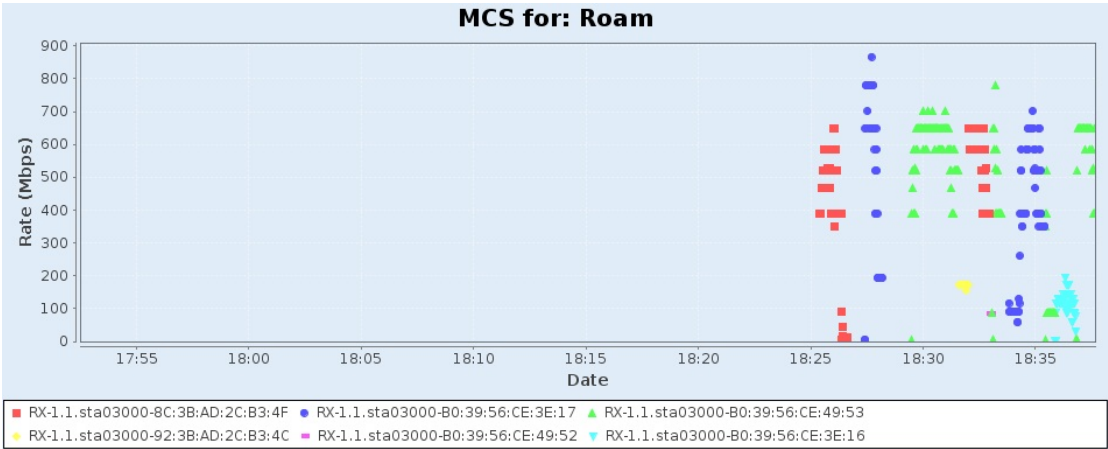
Chamber Layout for this iteration: Roam Chamber Loc: Random STA Loc: Close Root AP STA:Close Root AP-Random Middle



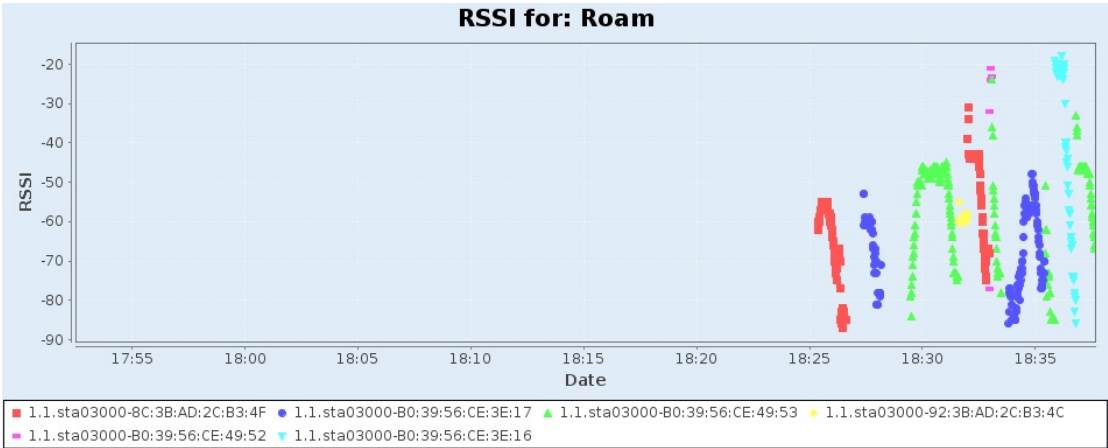
Realtime Throughput for: Roam



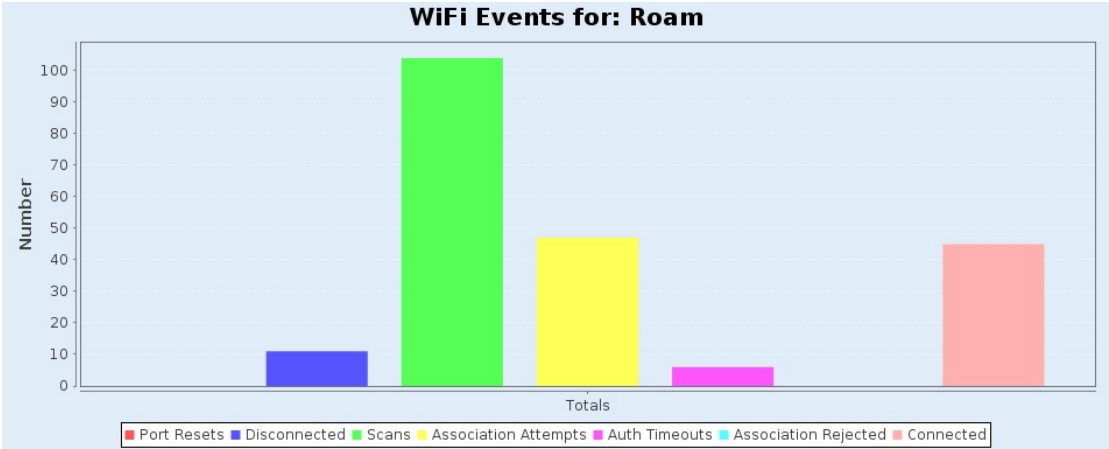
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



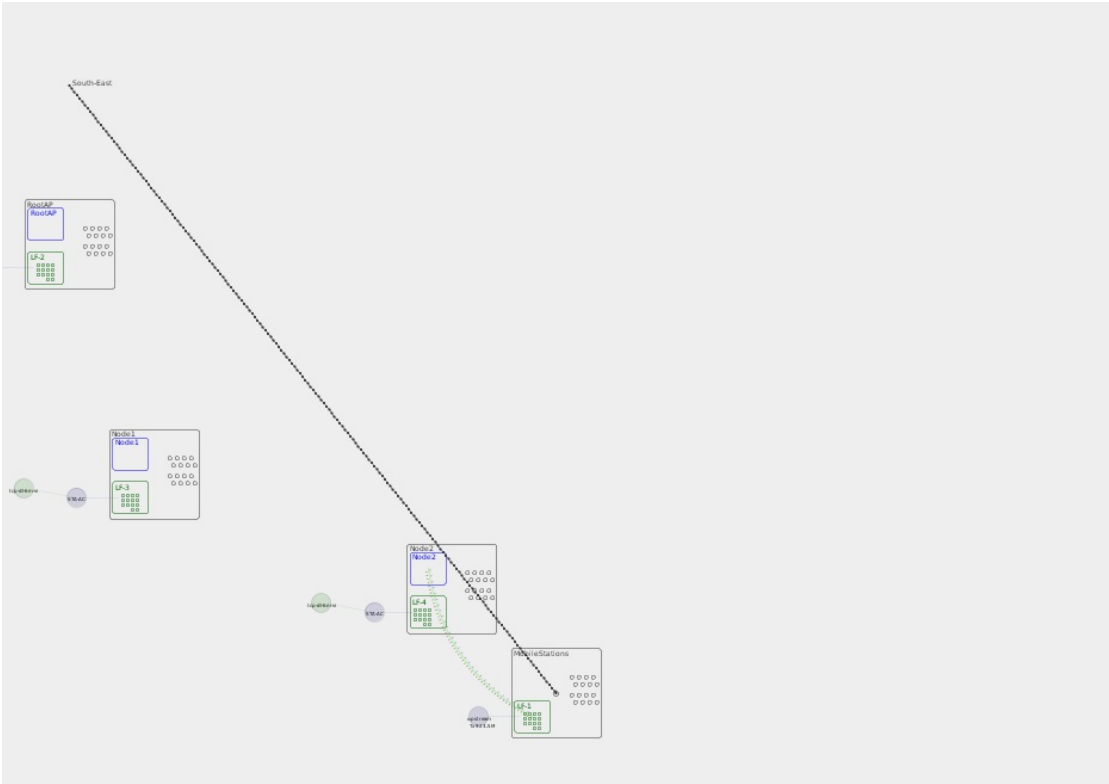
STA:Close Root AP-South-East UDP DL Snapshot

| Port           | Tx-Bps 1m | RxBps 1m    | Tx-Fail % | Tx-Link-Rate | Rx-Link-Rate | Mode        | Channel | Last CX-Time(ms) | RSSI (dBm) | AP                | IP           | MAC               |
|----------------|-----------|-------------|-----------|--------------|--------------|-------------|---------|------------------|------------|-------------------|--------------|-------------------|
| 1.1.7 sta03000 | 158 bps   | 22.184 Mbps | 12.802    | 234 Mbps     | 390 Mbps     | 802.11an-AC | 48      | 51               | -67        | B0:39:56:CE:3E:17 | 192.168.1.42 | 04:f0:21:3e:e9:09 |

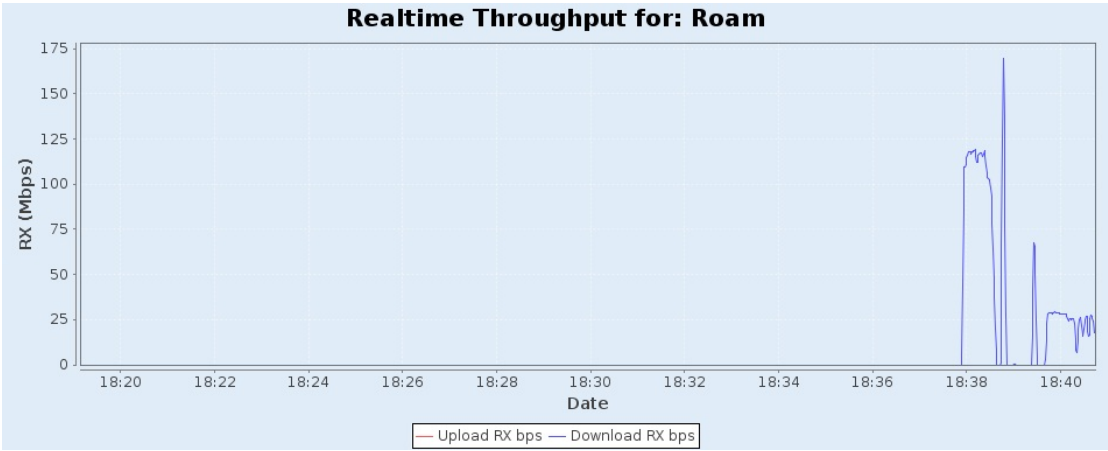
| Port       | Tx-Bps 1m    | RxBps 1m | Link-Rate | IP          | MAC               |
|------------|--------------|----------|-----------|-------------|-------------------|
| 1.1.1 eth1 | 862.977 Mbps | 276 bps  | 1 Gbps    | 192.168.1.5 | 00:03:2d:3b:a1:29 |

| Endpoint                       | Tx-Bps 1m    | RxBps 1m    | RX Latency(ms) | Round-Trip Latency(ms) | Jitter | Rx Packet Loss % |
|--------------------------------|--------------|-------------|----------------|------------------------|--------|------------------|
| cv_udp-1.1-1.sta03000--1.0.0-A | 0 bps        | 24.083 Mbps | 1,071          | 1,071                  | 0      | 95.699           |
| cv_udp-1.1-1.sta03000--1.0.0-B | 897.883 Mbps | 0 bps       | 0              | 1,071                  | 0      | 0                |

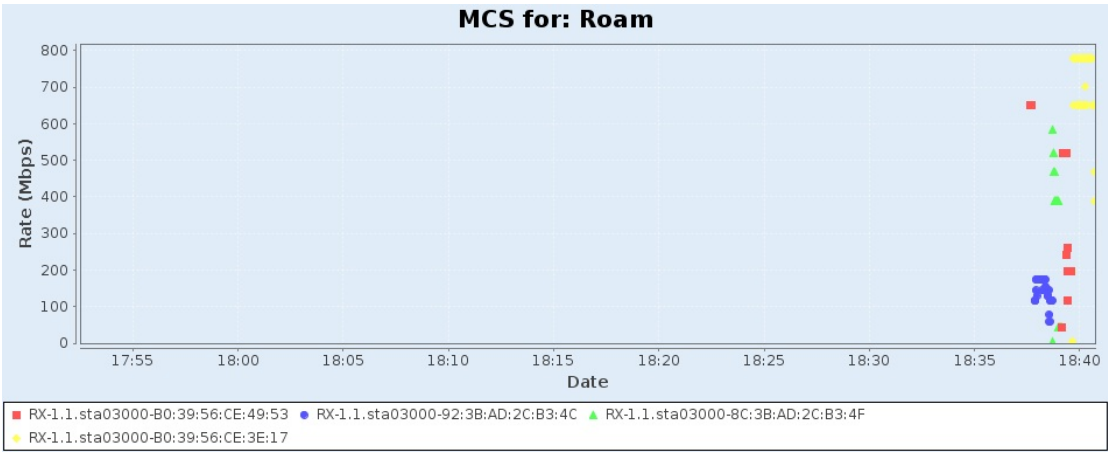
Chamber Layout for this iteration: Roam Chamber Loc: Random STA Loc: Close Root AP STA:Close Root AP-South-East



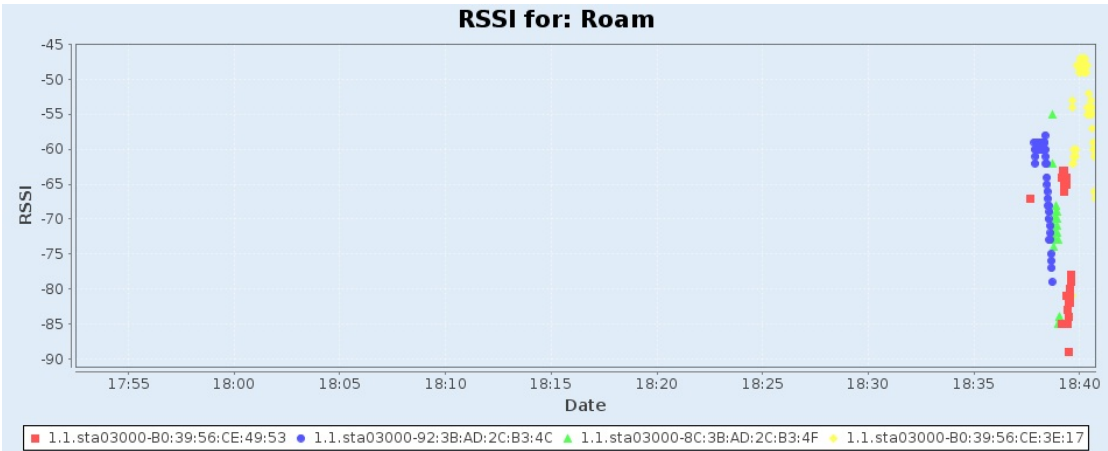
Realtime Throughput for: Roam



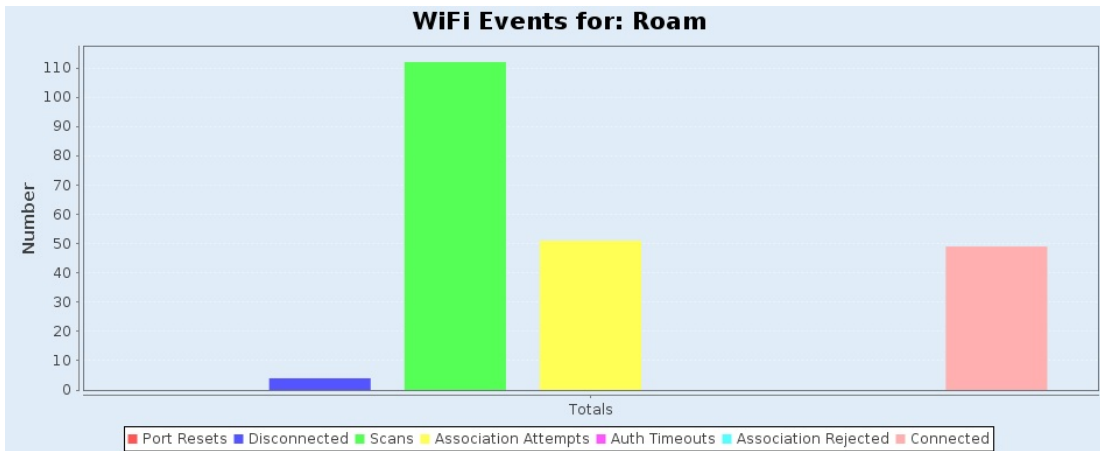
MCS for: Roam



RSSI for: Roam



WiFi Events for: Roam



| Test configuration and LANforge software version |   |
|--|---|
| Show TX MCS Graph                                | false   |
| Show RX MCS Graph                                | true  |
| Skip 2.4Ghz Tests                                | true  |
| Skip 5Ghz Tests                                  | false   |
| Duration   | 20  |
| Duration   | 20  |
| Multi-Conn                                       | 5   |
| ToS  | 0   |
| Chamber [0]                                      | RootAP  |
| Chamber [1]                                      | Node1   |
| Chamber [2]                                      | Node2   |
| Chamber [3]                                      | MobileStations  |
| STA Count [0]                                    |   |
| STA Count [1]                                    |   |
| STA Count [2]                                    |   |
| STA Count [3]                                    | 1   |
| AP Arrangements                                  | ABC, A-B-C, Random  |
| STA Positions                                    | Close Root AP   |
| Traffic Types                                    | UDP   |
| Traffic Directions                               | Download  |
| Tests  | Roam  |
| Node Combinations                                | STA   |
| Requested Speed                                  | 100%  |
| Requested Velocity                               | 100   |
| Background Scan Module                           | simple  |
| Background Short Interval                        | 15  |
| Background Long Interval                         | 300   |
| Background RSSI Threshold                        | -60   |
| WiFi Radio [0][3]                                | 1.2.2 wiphy0 Firmware: 10.1-ct-8x-__xtH-022-b8a7ba1b Resource: RootAP         |
| WiFi Radio [1][3]                                | 1.3.3 wiphy0 Firmware: 10.1-ct-8x-__xtH-022-b8a7ba1b Resource: Node1          |
| WiFi Radio [2][3]                                | 1.4.2 wiphy0 Firmware: 10.1-ct-8x-__xtH-022-b8a7ba1b Resource: Node2          |
| WiFi Radio [3][3]                                | 1.1.2 wiphy0 Firmware: 10.1-ct-8x-__xtH-022-b8a7ba1b Resource: MobileStations |
| Add STA Traffic                                  | false   |
| Show Events                                      | true  |
| Build Date                                       | Fri Jan 24 16:00:06 PST 2020  |
| Build Version                                    | 5.4.2   |
| Git Version                                      |   |

