

Bytes Transmitted(Bytes)=7568486.00 Payload Transmitted(Bytes)=7286860.00 Overhead Transmitted(Bytes)=281626.00 #Link Metrics Link\_Id Packets\_Transmitted Error\_Packets Collided\_Packets Bytes\_Transmitted(Bytes) Payload\_Transmitted(Bytes) Overhead\_Transmitted(Bytes) 1 4999 8 0 7568486.00 7286860.00 281626.00 #Queue Metrics Device Id Port Id Queued Packet Dequeued Packet Dropped Packet #IP Metrics Device ID Packet Received Packet Forwarded Packet Sent Packet Discarded TTL Expire Firewall Blocked 0 0 0 0 1 0 0 4999 0 0 0 0 0 2 0 4991 0 0 0 0 5 #IP Forwarding Table ##WIRED NODE A Network Destination NetMask/Prefix\_len 0 10.0.0.0 255.255.0.0 on-link 10.0.1.3 Gateway Interface Metric Type 300 255.255.255.255 255.255.255.255 on-link 10.0.1.3

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Simulation Time(ms)=100000.00 Packets Transmitted=4999 Packets Errored=8 Packets Collided=0

File Edit Format View Help #Network Metrics Network Destination NetMask/Prefix\_len Gateway Interface Metric Type 10.0.0.0 255.255.0.0 on-link 10.0.1.3 300 - 255.255.255.255 255.255.255 on-link 10.0.1.3 999 -##WIRED NODE B Network Destination NetMask/Prefix\_len Ga 10.0.0.0 255.255.0.0 on-link 10.0.1.6 255.255.255.255.255 255.255.255 on-link 10.0.1.6 Gateway Interface Metric Type 300 ##WIRED NODE C Network Destination NetMask/Prefix\_len Gateway Inter
10.0.0.0 255.255.0.0 on-link 10.0.1.5 300
255.255.255.255 255.255.255 on-link 10.0.1.5 999 Gateway Interface Metric Type ##WIRED NODE D Network Destination NetMask/Prefix\_len Gateway Intel
10.0.0.0 255.255.0.0 on-link 10.0.1.4 300
255.255.255.255 255.255.255 on-link 10.0.1.4 999 Gateway Interface Metric Type

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#IP Forwarding Table ##WIRED NODE A

##WIRED NODE E

#UDP Metrics Device Id Local Address Foreign Address Datagrams Sent Datagrams Received 2 10.0.1.6:82 10.0.1.5:36934 4999 0 4991

Gateway Interface

Metric Type

Network Destination NetMask/Prefix\_len Gateway Inter 10.0.0.0 255.255.0.0 on-link 10.0.1.2 300 255.255.255.255 255.255.255.255 on-link 10.0.1.2 999

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##WIRED NODE B
Network Destination NetMask/Prefix\_len Gateway Interface Metric Type
10.0.0.0 255.255.0.0 on-link 10.0.1.6 300 255.255.255.255 255.255.255 on-link 10.0.1.6 999 -##WIRED NODE C Network Destination NetMask/Prefix\_len Gateway Inter
10.0.0.0 255.255.0.0 on-link 10.0.1.5 300
255.255.255.255.255.255.255 on-link 10.0.1.5 999 Gateway Interface Metric Type ##WIRED NODE D Network Destination NetMask/Prefix\_len Gateway Inter
10.0.0.0 255.255.0.0 on-link 10.0.1.4 300
255.255.255.255 255.255.255 on-link 10.0.1.4 999 Metric Type Gateway Interface ##WIRED NODE E Network Destination NetMask/Prefix\_len Gateway Interface Metric Type 10.0.0.0 255.255.0.0 on-link 10.0.1.2 300 -255.255.255.255 255.255.255.255 on-link 10.0.1.2 999 **#UDP Metrics** Local Address Foreign Address Datagrams Sent Datagrams Received Device Id 2 10.0.1.6:82 10.0.1.5:36934 4999 0 3 10.0.1.5:36934 10.0.1.6:82 0 4991 #Application Metrics

Application Id Application Name Source Id Destination Id Packet Transmitted Packet Received Payload Transmitted Payload Received Throughput(Mbps)

APP1\_CBR 2 3 4999 4991 7298540.000000 7286860.000000 0.582949 1211.200000

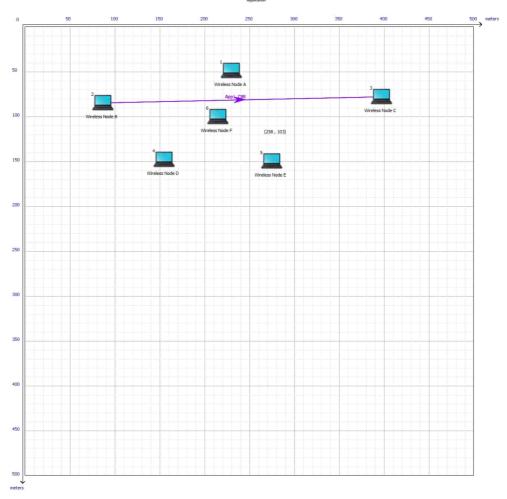
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Simulation Time(ms)=100000.00 Packets Transmitted=10016 Packets Errored=14 Packets Collided=0 Bytes Transmitted(Bytes)=7719620.00 Payload Transmitted(Bytes)=7300000.00 Overhead Transmitted(Bytes)=419620.00 #Link Metrics Link\_Id Packets\_Transmitted Bytes\_Transmitted(Bytes) Payload\_Transmitted(Bytes) Overhead\_Transmitted( 10016 14 0 1 #Queue Metrics Device Id Port Id Queued Packet Dequeued Packet Dropped Packet **#TCP Metrics** ##Connection Metrics 
 Local Address
 Foreign Address
 Control Segment Sent
 Control Segment Received
 Segments Sent
 Segments Received

 10.0.0.3:36934
 10.0.0.2:82
 1
 1
 0
 4999
 5000
 1
 0
 0
 13
 1
 0

 10.0.0.2:82
 10.0.0.3:36934
 1
 1
 4999
 0
 1
 4999
 14
 0
 0
 0
 0
 Ack Sent Ack Received ##Network Metrics Metric Value Active Opens 1
Passive Opens 1 Failed Connection Attempts Reset Connections 0 Current Connections #IP Metrics Device ID Packet Sent Packet Received Packet Forwarded Packet Discarded TTL Expire Firewall Blocked 0 0 0

1818113\_PURE\_Metrics.txt - Notepad File Edit Format View Help #Network Metrics

5000

5002

0

0

0

0

0

0

0

0

5015

5001

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**#IP Metrics** Device ID Packet Sent Packet Received Packet Forwarded Packet Discarded TTL Expire Firewall Blocked 0 0 0 0 0 5015 5000 0 5001 5002 0 0 1 0 0 0 0 2 3 0 0 0 0 4 0 0 0 0 0 5 0 0 0 #IP Forwarding Table ##WIRELESS NODE A NetMask/Prefix\_len 
 Network Destination
 NetMask/Prefix\_len
 Gateway
 Inter

 10.0.0.0
 255.255.0.0
 on-link 10.0.0.1
 300

 255.255.255.255
 255.255.255.255
 on-link 10.0.0.1
 999
 Gateway Interface Metric Type ##WIRELESS NODE B 
 Network Destination
 NetMask/Prefix\_len
 Gateway
 Interface

 10.0.0.0
 255.255.0.0
 on-link 10.0.0.2
 300

 255.255.255.255
 255.255.255.255
 on-link 10.0.0.2
 999
 Gateway Interface Metric Type ##WIRELESS NODE C Network Destination NetMask/Prefix\_len Gateway Interface 10.0.0.0 255.255.0.0 on-link 10.0.0.3 300 - 255.255.255.255.255.255.255 on-link 10.0.0.3 999 -Metric Type ##WIRELESS NODE D Metric Type Network Destination NetMask/Prefix\_len Gateway Interface 10.0.0.0 255.255.0.0 on-link 10.0.0.4 300 - 255.255.255.255 255.255.255 on-link 10.0.0.4 999 -##WIRELESS NODE E

Metric Type

NetMask/Prefix\_len Gateway Interface

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Network Destination

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10.0.0.0 255.255.0.0 on-link 10.0.0.1

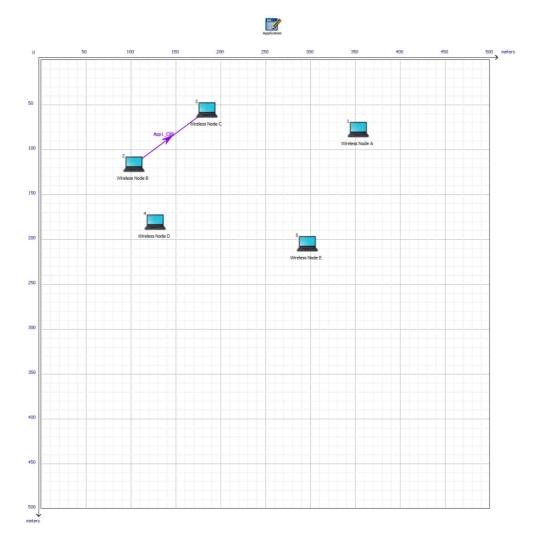
255.255.255.255 255.255.255 on-link 10.0.0.1 300 999 ##WIRELESS NODE B Network Destination NetMask/Prefix\_len Gateway Interface Metric Type 300 -10.0.0.0 255.255.0.0 on-link 10.0.0.2 255.255.255.255 255.255.255.255 on-link 10.0.0.2 999 ##WIRELESS NODE C Network Destination NetMask/Prefix\_len Gateway Inter 10.0.0.0 255.255.0.0 on-link 10.0.0.3 300 Gateway Interface Metric Type 255.255.255.255 255.255.255.255 on-link 10.0.0.3 ##WIRELESS NODE D Network Destination NetMask/Prefix\_len Gateway Intel
10.0.0.0 255.255.0.0 on-link 10.0.0.4 300
255.255.255.255 255.255.255 on-link 10.0.0.4 999 Gateway Interface Metric Type ##WIRELESS NODE E Network Destination NetMask/Prefix\_len Gateway Interface 10.0.0.0 255.255.0.0 on-link 10.0.0.5 300 - 255.255.255.255.255.255.255 on-link 10.0.0.5 999 -Metric Type ##WIRELESS NODE F Network Destination NetMask/Prefix\_len Ga 10.0.0.0 255.255.0.0 on-link 10.0.0.6 255.255.255.255 255.255.255 on-link 10.0.0.6 Gateway Interface Metric Type 300 999 #Application Metrics plication Name Source Id 2 3 4999 4999 Application Id Application Name Destination Id Packet Transmitted Packet Received Payload Transmitted Payload Received APP1\_CBR 7298540.000000 7298540.000000 0.583883 1221.245433

1818113\_PURE\_Metrics.txt - Notepad

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#Network Metrics Simulation Time(ms)=100000.00 Packets Transmitted=10105 Packets Errored=12 Packets Collided=22 Bytes Transmitted(Bytes)=7794720.00 Payload Transmitted(Bytes)=7358400.00 Overhead Transmitted(Bytes)=436320.00 #Link Metrics Link\_Id Packets\_Transmitted
1 10105 12 22 Error\_Packets Collided\_Packets Bytes\_Transmitted(Bytes) Payload\_Transmitted(Bytes) Overhead\_Transmitted( 7794720.00 7358400.00 436320.00 #Queue Metrics Port Id Queued Packet Dequeued Packet Dropped Packet Device Id **#TCP Metrics** ##Connection Metrics Segments Sent Segments Received Local Address Foreign Address Control Segment Sent Control Segment Received Ack Sent Ack Received 11 41 0 0 1 0 1 4999 4999 5040 1 1 0 0 4999 63 0 10.0.0.3:36934 10.0.0.2:82 1 41 10.0.0.2:82 10.0.0.3:36934 1 ##Network Metrics Metric Value Active Opens Passive Opens 1 Failed Connection Attempts Reset Connections Current Connections **#IP Metrics** Device ID Packet Sent Packet Received Packet Forwarded Packet Discarded TTL Expire Firewall Blocked

1818113\_Slottedf\_Metrics.txt - Notepad File Edit Format View Help

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5064

0

5029

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Packet Received Packet Forwarded Packet Discarded TTL Expire Firewall Blocked Device ID Packet Sent 0 0 5064 5029 5041 5042 0 A 0 0 0 0 0 3 0 4 0 5 0 0 0 0 0 #IP Forwarding Table ##WIRELESS NODE A NetMask/Prefix\_len Network Destination Gateway Interface Metric Type 10.0.0.0 255.255.0.0 on-link 10.0.0.1 300 - 255.255.255.255 255.255.255 on-link 10.0.0.1 999 -255.255.255.255 255.255.255.255 on-link 10.0.0.1 ##WTRFLESS NODE B Network Destination NetMask/Prefix\_len Ga 10.0.0.0 255.255.0.0 on-link 10.0.0.2 255.255.255.255.255.255.255 on-link 10.0.0.2 NetMask/Prefix\_len Gateway Interface Metric Type 300 999 ##WIRELESS NODE C Network Destination NetMask/Prefix\_len Ga 10.0.0.0 255.255.0.0 on-link 10.0.0.3 255.255.255.255 255.255.255 on-link 10.0.0.3 Gateway Interface Metric Type 300 999 ##WIRELESS NODE D ##WIRELESS NUDE U
Network Destination NetMask/Prefix\_len Gateway Inte
10.0.0.0 255.255.0.0 on-link 10.0.0.4 300 Gateway Interface Metric Type 255.255.255.255 255.255.255.255 on-link 10.0.0.4 ##WIRELESS NODE E Network Destination NetMask/Prefix\_len Gd 10.0.0.0 255.255.0.0 on-link 10.0.0.5 255.255.255.255 255.255.255 on-link 10.0.0.5 Gateway Interface Metric Type 300 -

999

1818113\_Slottedf\_Metrics.txt - Notepad File Edit Format View Help #IP Metrics

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##WIRELESS NODE A
Network Destination NetMask/Prefix\_len Gateway Interface
10.0.0.0 255.255.0.0 on-link 10.0.0.1 300 255.255.255 on-link 10.0.0.1 999 -Gateway Interface Metric Type ##WIRELESS NODE B Network Destination NetMask/Prefix\_len Gateway Inter
10.0.0.0 255.255.0.0 on-link 10.0.0.2 300
255.255.255.255 255.255.255 on-link 10.0.0.2 999 Gateway Interface Metric Type ##WIRELESS NODE C Network Destination NetMask/Prefix\_len Gateway Inter
10.0.0.0 255.255.0.0 on-link 10.0.0.3 300
255.255.255.255.255.255.255 on-link 10.0.0.3 999 Metric Type Gateway Interface ##WIRELESS NODE D Network Destination NetMask/Prefix\_len Gateway Interface 10.0.0.0 255.255.0.0 on-link 10.0.0.4 300 - 255.255.255.255.255.255.255 on-link 10.0.0.4 999 -Metric Type ##WIRELESS NODE E Network Destination NetMask/Prefix\_len Gateway Interface 10.0.0.0 255.255.0.0 on-link 10.0.0.5 300 - 255.255.255.255.255.255 on-link 10.0.0.5 999 -Metric Type #Application Metrics Application Id Application Name Source Id Destination Id Packet Transmitted Packet Received Pay.

1 APP1\_CBR 2 3 4999 4999 7298540.000000 7298540.000000 0.583883 2447.012603 Packet Received Payload Transmitted Payload Received

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#IP Forwarding Table

##WIRELESS NODE A

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