

1818113_CSMA_Metrics.txt - Notepad

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#Network Metrics

Simulation Time(ms)=100000.00

Packets Transmitted=4999

Packets Errored=8

Packets Collided=0

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
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#IP Metrics

Device ID	Packet Sent	Packet Received	Packet Forwarded	Packet Discarded	TTL Expire	Firewall Blocked
1	0	0	0	0		
2	4999	0	0	0		
3	0	4991	0	0		
4	0	0	0	0		
5	0	0	0	0		

#IP Forwarding Table

##WIRED NODE A

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	255.255.255.255	on-link 10.0.1.3	999	-	

```
#IP Forwarding Table
##WIRED NODE A
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        255.255.255.255      on-link 10.0.1.3      999    -

##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        255.255.255.255      on-link 10.0.1.6      999    -

##WIRED NODE C
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0                255.255.0.0           on-link 10.0.1.5      300    -
255.255.255.255        255.255.255.255      on-link 10.0.1.5      999    -

##WIRED NODE D
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0                255.255.0.0           on-link 10.0.1.4      300    -
255.255.255.255        255.255.255.255      on-link 10.0.1.4      999    -

##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
Device Id      Local Address    Foreign Address  Datagrams Sent  Datagrams Received
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
```

##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	255.255.255.255	on-link 10.0.1.6	999	-		

##WIRED NODE C

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.1.5	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.1.5	999	-		

##WIRED NODE D

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.1.4	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.1.4	999	-		

##WIRED NODE E

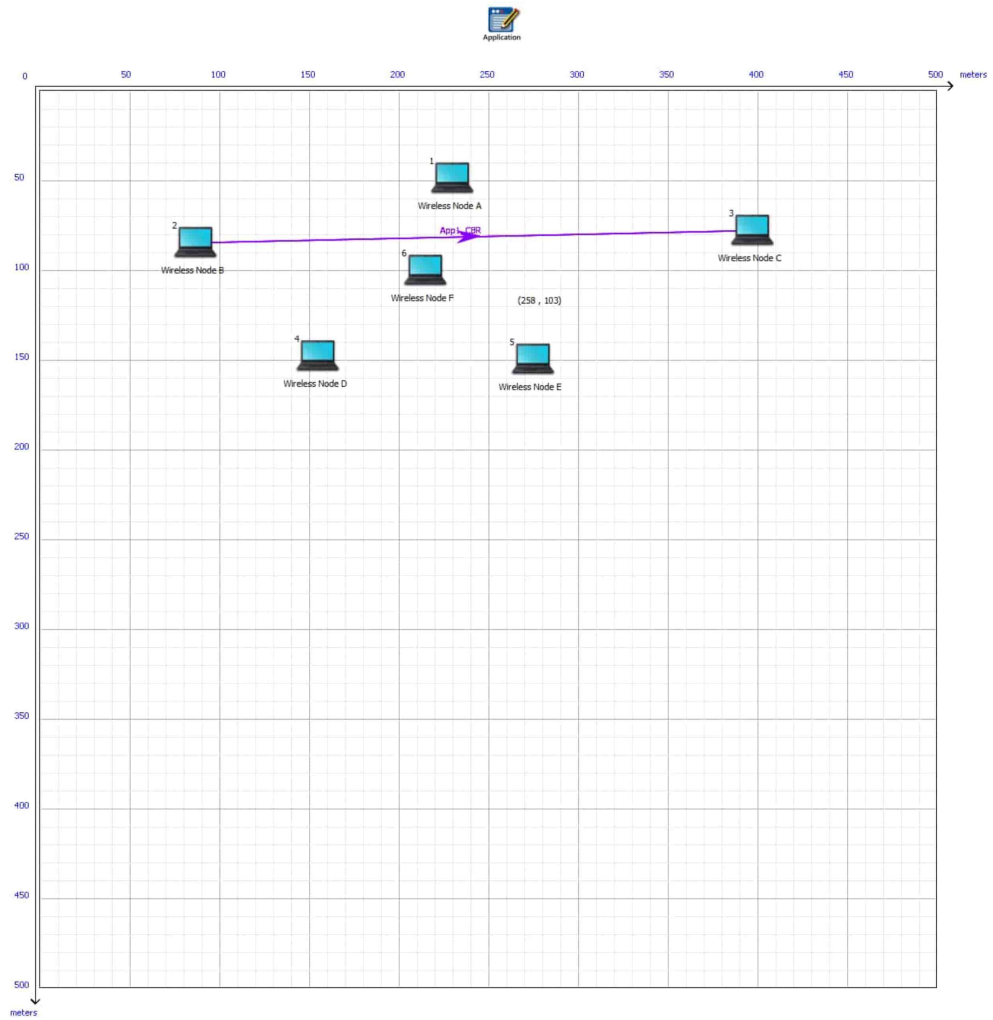
Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.1.2	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.1.2	999	-		

#UDP Metrics

Device Id	Local Address	Foreign Address	Datagrams Sent	Datagrams Received
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)
1	APP1_CBR	2	3	4999	4991	7298540.000000	7286860.000000	0.582949



1818113_PURE_Metrics.txt - Notepad

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#Network Metrics

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	Error_Packets	Collided_Packets	Bytes_Transmitted(Bytes)	Payload_Transmitted(Bytes)	Overhead_Transmitted(Bytes)
1	10016	14	0	7719620.00	7300000.00	419620.00

#Queue Metrics

Device Id	Port Id	Queued Packet	Dequeued Packet	Dropped Packet
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#TCP Metrics

##Connection Metrics

Local Address	Foreign Address	Control	Segment	Sent	Control	Segment	Received	Segments Sent	Segments Received	Ack Sent	Ack 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

##Network Metrics

Metric Value

Active Opens 1

Passive Opens 1

Failed Connection Attempts 0

Reset Connections 0

Current Connections 2

#IP Metrics

Device ID	Packet Sent	Packet Received	Packet Forwarded	Packet Discarded	TTL Expire	Firewall Blocked
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1	0	0	0	0	0	0
---	---	---	---	---	---	---

2	5015	5000	0	0	0	0
---	------	------	---	---	---	---

3	5001	5002	0	0	0	0
---	------	------	---	---	---	---

4	0	0	0	0	0	0
---	---	---	---	---	---	---

Current Connections 2

```
#IP Metrics
Device ID      Packet Sent    Packet Received Packet Forwarded    Packet Discarded    TTL Expire    Firewall Blocked
1      0      0      0      0      0      0
2      5015    5000    0      0      0      0
3      5001    5002    0      0      0      0
4      0      0      0      0      0      0
5      0      0      0      0      0      0
6      0      0      0      0      0      0
```

#IP Forwarding Table

```
##WIRELESS NODE A
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.1      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.1      999 -
```

```
##WIRELESS NODE B
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
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 -
```

```
##WIRELESS NODE C
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.3      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.3      999 -
```

```
##WIRELESS NODE D
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.4      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.4      999 -
```

```
##WIRELESS NODE E
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.5      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.5      999 -
```

```
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      -
```

##WIRELESS NODE B

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
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	-		

##WIRELESS NODE C

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.3	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.3	999	-		

##WIRELESS NODE D

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.4	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.4	999	-		

##WIRELESS NODE E

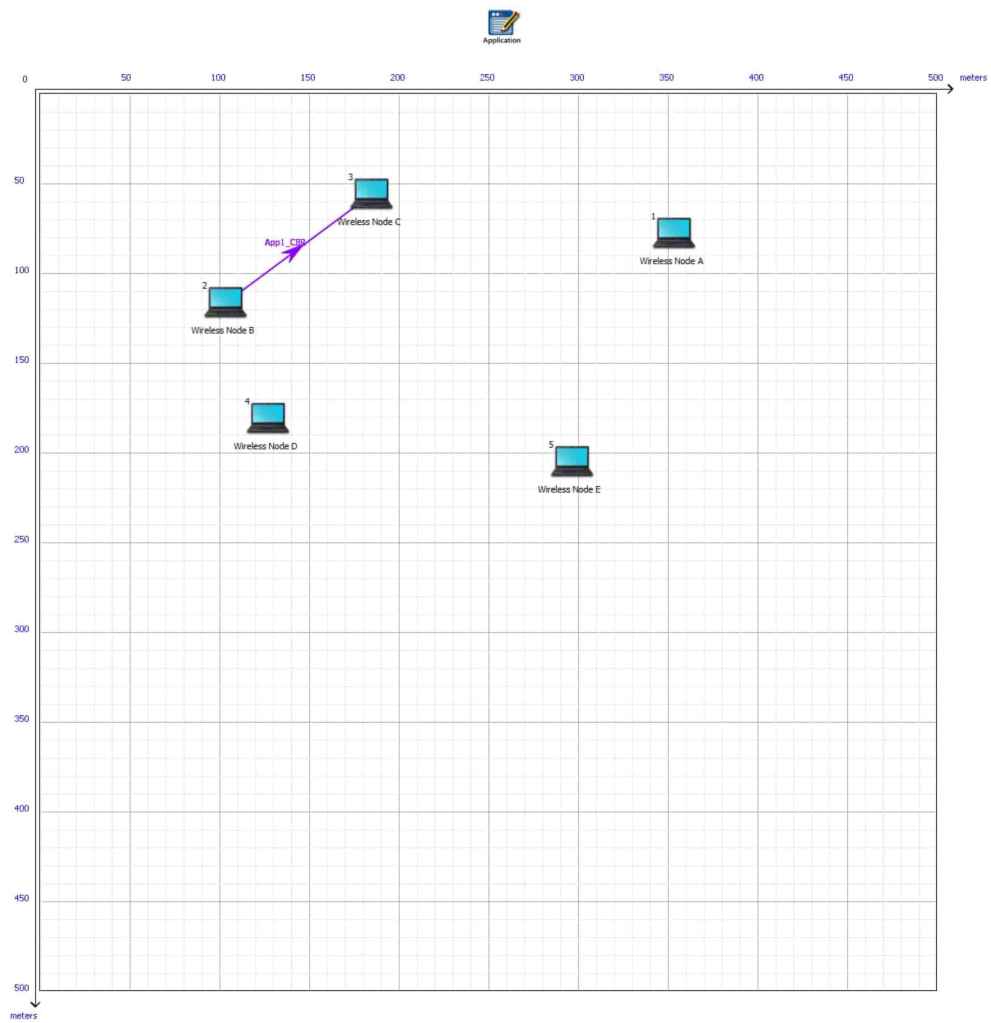
Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.5	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.5	999	-		

##WIRELESS NODE F

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.6	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.6	999	-		

#Application Metrics

Application Id	Application Name	Source Id	Destination Id	Packet Transmitted	Packet Received	Payload Transmitted	Payload Received
1	APP1_CBR	2	3	4999	4999	7298540.000000	7298540.000000 0.583883 1221.245433



1818113_Slotteddf_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	Error_Packets	Collided_Packets	Bytes_Transmitted(Bytes)	Payload_Transmitted(Bytes)	Overhead_Transmitted(Bytes)
1	10105	12	22	7794720.00	7358400.00	436320.00

#Queue Metrics

Device Id	Port Id	Queued Packet	Dequeued Packet	Dropped Packet
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#TCP Metrics

#Connection Metrics

Local Address	Foreign Address	Control	Segment	Sent	Control	Segment	Received	Segments	Sent	Segments	Received	Ack Sent	Ack Received
10.0.0.3:36934	10.0.0.2:82	1	1	0	4999	5040	1	0	0	11	41	0	
10.0.0.2:82	10.0.0.3:36934	1	1	4999	0	1	4999	63	0	0	0	29	

##Network Metrics
Metric Value
Active Opens 1
Passive Opens 1
Failed Connection Attempts 0
Reset Connections 0
Current Connections 2

#IP Metrics

Device ID	Packet Sent	Packet Received	Packet Forwarded	Packet Discarded	TTL Expire	Firewall Blocked
1	0	0	0	0		
2	5064	5029	0	0		
3	5041	5012	0	0		

```
#IP Metrics
Device ID      Packet Sent    Packet Received Packet Forwarded    Packet Discarded    TTL Expire    Firewall Blocked
1      0      0      0      0      0
2      5064    5029    0      0      0      0
3      5041    5042    0      0      0      0
4      0      0      0      0      0      0
5      0      0      0      0      0      0
```

#IP Forwarding Table

```
##WIRELESS NODE A
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.1      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.1      999 -
```

```
##WIRELESS NODE B
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
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 -
```

```
##WIRELESS NODE C
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.3      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.3      999 -
```

```
##WIRELESS NODE D
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.4      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.4      999 -
```

```
##WIRELESS NODE E
Network Destination    NetMask/Prefix_len    Gateway Interface    Metric Type
10.0.0.0      255.255.0.0    on-link 10.0.0.5      300 -
255.255.255.255 255.255.255.255 on-link 10.0.0.5      999 -
```

#IP Forwarding Table

##WIRELESS NODE A

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.1	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.1	999	-		

##WIRELESS NODE B

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
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	-		

##WIRELESS NODE C

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.3	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.3	999	-		

##WIRELESS NODE D

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.4	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.4	999	-		

##WIRELESS NODE E

Network	Destination	NetMask/Prefix_len	Gateway	Interface	Metric	Type
10.0.0.0	255.255.0.0	on-link 10.0.0.5	300	-		
255.255.255.255	255.255.255.255	on-link 10.0.0.5	999	-		

#Application Metrics

Application Id	Application Name	Source Id	Destination Id	Packet Transmitted	Packet Received	Payload Transmitted	Payload Received
1	APP1_CBR	2	3	4999	4999	7298540.000000	7298540.000000 0.583883 2447.012603