

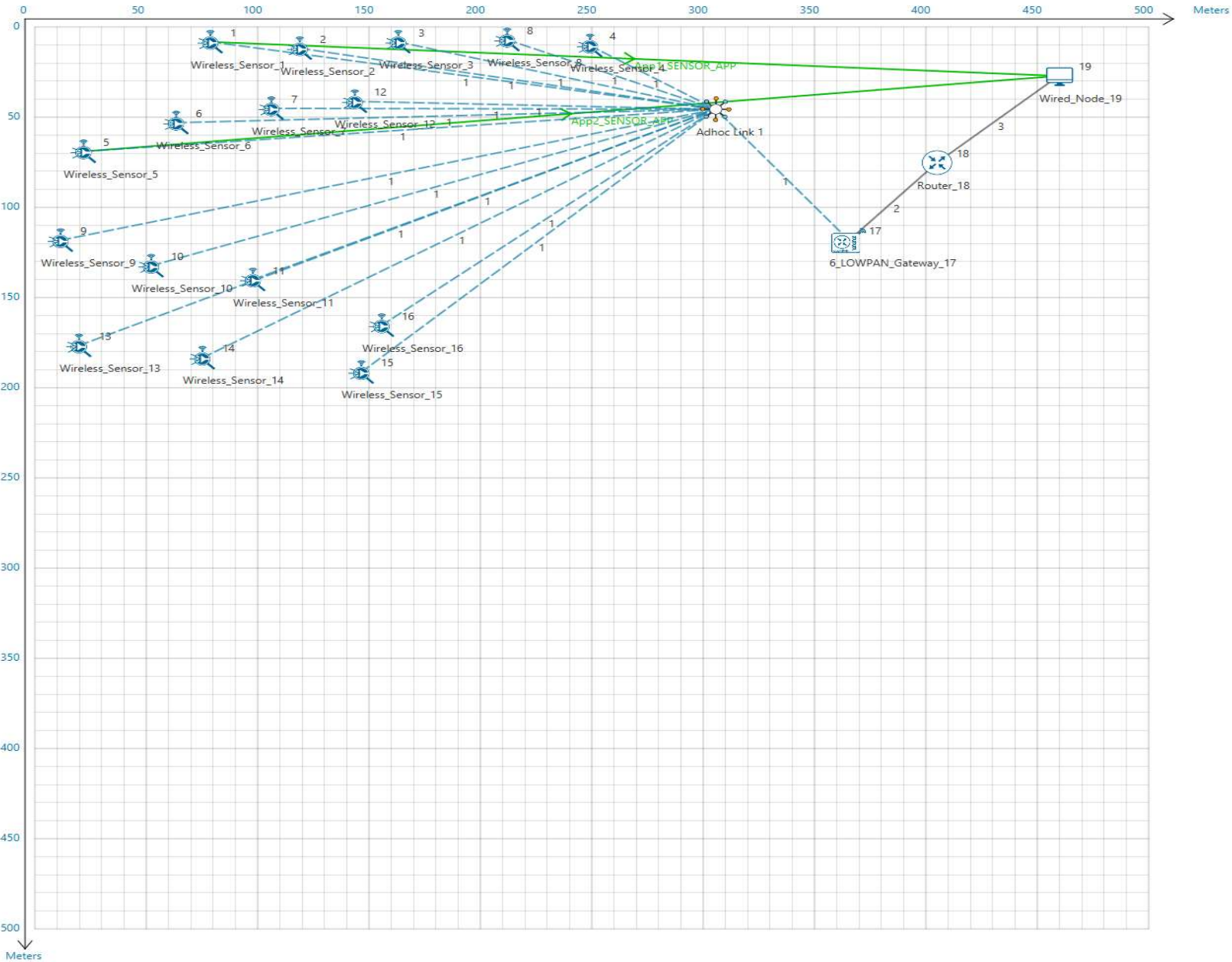
# Experiment

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Network Scenario



Link\_Metrics

Link_id	Link_throughput_plot	Packet_transmitted		Packet_errored		Packet_collided		Bytes_transmitted(bytes)	Payload_transmitted(bytes)	Overhead_transmitted(bytes)
		Data	Control	Data	Control	Data	Control			
All	NA	9	2217	0	21	0	880	167298	450	166848
1	<a href="#">Link_throughput</a>	5	2215	0	21	0	880	166806	250	166556
2	<a href="#">Link_throughput</a>	2	2	0	0	0	0	284	100	184
3	<a href="#">Link_throughput</a>	2	0	0	0	0	0	208	100	108

### Queue\_Metrics

Device_id	Port_id	Queued_packet	Dequeued_packet	Dropped_packet
17	2	3	3	0
18	1	1	1	0

### TCP\_Metrics

Source	Destination	Local Address	Remote Address	Syn Sent	Syn-Ack Sent	Segment Sent	Segment Received	Segment Retransmitted
WIRELESS_SENSOR_1	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_2	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:52F4:2A89:FA0A:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_3	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:EF98:E05D:12CF:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_4	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:BB7C:45FA:356D:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_5	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_6	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:6A4B:55B4:2E11:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_7	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:CC7E:B1E8:2B98:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_8	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:FF2D:057C:4487:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_9	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:1F9E:840C:FD8D:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_10	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:1685:126B:987C:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_11	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:12E7:5744:6619:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_12	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:9446:0643:9C34:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_13	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:F5AE:AA18:FE00:0	0.0.0.0:0	0	0	0	0	

Source	Destination	Local Address	Remote Address	Syn Sent	Syn-Ack Sent	Segment Sent	Segment Received	Segment Retransmitte
WIRELESS_SENSOR_14	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:4C64:627F:B7BA:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_15	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:6590:591E:935F:0	0.0.0.0:0	0	0	0	0	
WIRELESS_SENSOR_16	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:8B25:2514:9060:0	0.0.0.0:0	0	0	0	0	
6_LOWPAN_GATEWAY_17	ANY_DEVICE	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA:0	0.0.0.0:0	0	0	0	0	
ROUTER_18	ANY_DEVICE	11.2.1.2:0	0.0.0.0:0	0	0	0	0	
WIRED_NODE_19	ANY_DEVICE	11.3.1.2:0	0.0.0.0:0	0	0	0	0	

### IP\_Metrics

Device Id	Packet sent	Packet forwarded	Packet received	Packet discarded	TTL expired	Firewall blocked
1	21	1	0	0	0	0
2	17	0	0	0	0	0
3	18	0	0	0	0	0
4	25	2	0	0	0	0
5	19	0	0	0	0	0
6	17	0	0	0	0	0
7	16	0	0	0	0	0
8	18	0	0	0	0	0
9	17	0	0	0	0	0
10	17	0	0	0	0	0
11	17	0	0	0	0	0
12	16	0	0	0	0	0
13	17	0	0	0	0	0
14	17	0	0	0	0	0
15	17	0	0	0	0	0
16	17	0	0	0	0	0
17	18	2	1	0	0	0
18	3	2	1	0	0	0
19	0	0	2	0	0	0

IP\_Forwarding\_Table

WIRELESS\_SENSOR\_1

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927	999	DEFAULT

WIRELESS\_SENSOR\_2

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:52F4:2A89:FA0A	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:52F4:2A89:FA0A	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:52F4:2A89:FA0A	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:52F4:2A89:FA0A	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:52F4:2A89:FA0A	999	DEFAULT

WIRELESS\_SENSOR\_3

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:EF98:E05D:12CF	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:EF98:E05D:12CF	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:EF98:E05D:12CF	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:EF98:E05D:12CF	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:EF98:E05D:12CF	999	DEFAULT

WIRELESS\_SENSOR\_4

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:BB7C:45FA:356D	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:BB7C:45FA:356D	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:BB7C:45FA:356D	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:BB7C:45FA:356D	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:BB7C:45FA:356D	999	DEFAULT

**WIRELESS\_SENSOR\_5**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC	999	DEFAULT

**WIRELESS\_SENSOR\_6**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:6A4B:55B4:2E11	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:6A4B:55B4:2E11	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:6A4B:55B4:2E11	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:6A4B:55B4:2E11	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:6A4B:55B4:2E11	999	DEFAULT

**WIRELESS\_SENSOR\_7**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:CC7E:B1E8:2B98	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:CC7E:B1E8:2B98	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:CC7E:B1E8:2B98	306	MULTICAST

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:CC7E:B1E8:2B98	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:CC7E:B1E8:2B98	999	DEFAULT

**WIRELESS\_SENSOR\_8**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:FF2D:057C:4487	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:FF2D:057C:4487	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:FF2D:057C:4487	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:FF2D:057C:4487	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:FF2D:057C:4487	999	DEFAULT

**WIRELESS\_SENSOR\_9**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:1F9E:840C:FDBD	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:1F9E:840C:FDBD	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:1F9E:840C:FDBD	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:1F9E:840C:FDBD	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:1F9E:840C:FDBD	999	DEFAULT

**WIRELESS\_SENSOR\_10**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:1685:126B:987C	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:1685:126B:987C	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:1685:126B:987C	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:1685:126B:987C	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:1685:126B:987C	999	DEFAULT

**WIRELESS\_SENSOR\_11**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:12E7:5744:6619	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:12E7:5744:6619	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:12E7:5744:6619	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:12E7:5744:6619	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:12E7:5744:6619	999	DEFAULT

**WIRELESS\_SENSOR\_12**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:9446:0643:9C34	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:9446:0643:9C34	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:9446:0643:9C34	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:9446:0643:9C34	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:9446:0643:9C34	999	DEFAULT

**WIRELESS\_SENSOR\_13**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:F5AE:AA18:FE00	300	LOCAL
FFX2:0:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:F5AE:AA18:FE00	306	MULTICAST
FFX2:0:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:F5AE:AA18:FE00	306	MULTICAST
FF00:0:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:F5AE:AA18:FE00	999	BROADCAST
0:0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:F5AE:AA18:FE00	999	DEFAULT

**WIRELESS\_SENSOR\_14**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:4C64:627F:B7BA	300	LOCAL



Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FFX2:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:4C64:627F:B7BA	306	MULTICAST
FFX2:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:4C64:627F:B7BA	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:4C64:627F:B7BA	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:4C64:627F:B7BA	999	DEFAULT

**WIRELESS\_SENSOR\_15**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:6590:591E:935F	300	LOCAL
FFX2:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:6590:591E:935F	306	MULTICAST
FFX2:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:6590:591E:935F	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:6590:591E:935F	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:6590:591E:935F	999	DEFAULT

**WIRELESS\_SENSOR\_16**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:8B25:2514:9060	300	LOCAL
FFX2:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:8B25:2514:9060	306	MULTICAST
FFX2:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:8B25:2514:9060	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:8B25:2514:9060	999	BROADCAST
0:0:0:0:0:0:0	0	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	FDEC:3017:E256:9BB8:1FE7:8B25:2514:9060	999	DEFAULT

**6\_LOWPAN\_GATEWAY\_17**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.2.1.2	255.255.255.255	11.2.1.2	11.2.1.1	100	OSPF
11.2.0.0	255.255.0.0	on-link	11.2.1.1	300	LOCAL
FDEC:3017:E256:0:0:0:0:0	48	on-link	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.2.1.1	306	MULTICAST

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
224.0.0.0	240.0.0.0	on-link	11.2.1.1	306	MULTICAST
FFX2:0:0:0:0:0:1	128	on-link	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	306	MULTICAST
FFX2:0:0:0:0:0:0	16	on-link	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	306	MULTICAST
FF00:0:0:0:0:0:0	8	on-link	FDEC:3017:E256:9BB8:1FE7:131C:471A:2AAA	999	BROADCAST

**ROUTER\_18**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.2.1.1	255.255.255.255	11.2.1.1	11.2.1.2	100	OSPF
11.3.0.0	255.255.0.0	on-link	11.3.1.1	300	LOCAL
11.2.0.0	255.255.0.0	on-link	11.2.1.2	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.2.1.2 11.3.1.1	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.2.1.2 11.3.1.1	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.3.1.1	999	BROADCAST

**WIRED\_NODE\_19**

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.3.0.0	255.255.0.0	on-link	11.3.1.2	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.3.1.2	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.3.1.2	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.3.1.2	999	BROADCAST
0.0.0.0	0.0.0.0	11.3.1.1	11.3.1.2	999	DEFAULT

**UDP Metrics**

Device id	Local address	Foreign address	Datagram sent	Datagram received
1	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927:82	11.3.1.2:36934	10	0
5	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC:12668	11.3.1.2:53000	10	0
19	11.3.1.2:36934	FDEC:3017:E256:9BB8:1FE7:19BA:3B99:9927:82	0	1

Device id	Local address	Foreign address	Datagram sent	Datagram received
19	11.3.1.2:53000	FDEC:3017:E256:9BB8:1FE7:9392:7BBB:74CC:12668	0	1

### AODV Metrics

Device Id	RREQ Sent	RREQ forwarded	RREP sent	RREP forwarded	RERR sent	RERR forwarded	Packet originated	packet transmitted	packet dropped
1	7	5	2	0	0	0	1	2	9
2	0	12	0	0	0	0	0	0	0
3	0	13	0	0	0	0	0	0	0
4	0	6	8	1	0	0	0	2	0
5	9	4	0	0	0	0	1	1	9
6	0	12	0	0	0	0	0	0	0
7	0	11	0	0	0	0	0	0	0
8	0	13	0	0	0	0	0	0	0
9	0	12	0	0	0	0	0	0	0
10	0	12	0	0	0	0	0	0	0
11	0	12	0	0	0	0	0	0	0
12	0	11	0	0	0	0	0	0	0
13	0	12	0	0	0	0	0	0	0
14	0	12	0	0	0	0	0	0	0
15	0	12	0	0	0	0	0	0	0
16	0	12	0	0	0	0	0	0	0
17	0	0	6	0	0	0	0	0	0

### IEEE802.15.4\_Metrics

#### IEEE802.15.4\_Metrics

Device ID	PacketTransmitted	PacketReceived	AckTransmitted	AckReceived	CCAAttempt	SuccessfulCCAAttempt	FailedCCA	Totalbackofftime(Micro seconds)	Averagebackofftime(Micro secon
1	21	70	0	0	49	48	1	74880.0000	1152.0
2	17	81	0	0	50	49	1	93120.0000	1225.2
3	17	91	0	0	40	39	1	46080.0000	1097.1

Device ID	PacketTransmitted	PacketReceived	AckTransmitted	AckReceived	CCAAttempt	SuccessfulCCAAttempt	FailedCCA	Totalbackofftime(Micro seconds)	Averagebackofftime(Micro second)
4	22	81	0	0	58	55	3	67840.0000	1149.8
5	19	80	0	0	53	52	1	82560.0000	1270.1
6	17	72	0	0	45	44	1	112640.0000	1373.6
7	15	60	0	0	52	49	3	96640.0000	1136.9
8	15	92	0	0	54	47	7	100160.0000	1472.9
9	15	93	0	0	50	49	1	87360.0000	1180.5
10	14	89	0	0	47	46	1	106560.0000	1253.6
11	13	76	0	0	43	43	0	81920.0000	1170.2
12	16	72	0	0	45	44	1	85120.0000	1233.6
13	11	94	0	0	47	43	4	91520.0000	1326.3
14	11	91	0	0	50	48	2	83520.0000	1113.6
15	13	91	0	0	56	49	7	88320.0000	1226.6
16	13	73	0	0	49	46	3	102720.0000	1300.2
17	11	13	0	0	33	31	2	21760.0000	1145.2

### Battery model

Device Name	Initial energy(mJ)	Consumed energy(mJ)	Remaining Energy(mJ)	Transmitting energy(mJ)	Receiving energy(mJ)	Idle energy(mJ)	Sleep energy(mJ)
WIRELESS_SENSOR_1	6480.000000	127.840603	6366.452028	1.895383	13.320806	112.624414	0.000000
WIRELESS_SENSOR_2	6480.000000	127.388917	6366.903714	1.514082	12.995666	112.879169	0.000000
WIRELESS_SENSOR_3	6480.000000	126.919486	6367.373146	1.624614	12.175073	113.119798	0.000000
WIRELESS_SENSOR_4	6480.000000	124.921883	6369.370748	2.004996	8.768840	114.148048	0.000000
WIRELESS_SENSOR_5	6480.000000	127.461602	6366.831030	1.720953	12.909404	112.831245	0.000000
WIRELESS_SENSOR_6	6480.000000	127.475283	6366.817349	1.514082	13.127270	112.833930	0.000000
WIRELESS_SENSOR_7	6480.000000	127.623203	6366.669429	1.403551	13.457940	112.761712	0.000000
WIRELESS_SENSOR_8	6480.000000	125.944064	6368.348567	1.624614	10.688717	113.630734	0.000000
WIRELESS_SENSOR_9	6480.000000	127.183527	6367.109104	1.514082	12.682691	112.986754	0.000000
WIRELESS_SENSOR_10	6480.000000	127.303278	6366.989354	1.514082	12.865167	112.924028	0.000000
WIRELESS_SENSOR_11	6480.000000	127.475283	6366.817349	1.514082	13.127270	112.833930	0.000000
WIRELESS_SENSOR_12	6480.000000	127.502727	6366.789905	1.403551	13.274358	112.824818	0.000000
WIRELESS_SENSOR_13	6480.000000	126.465751	6367.826881	1.514082	11.588936	113.362733	0.000000
WIRELESS_SENSOR_14	6480.000000	127.183527	6367.109104	1.514082	12.682691	112.986754	0.000000

Device Name	Initial energy(mJ)	Consumed energy(mJ)	Remaining Energy(mJ)	Transmitting energy(mJ)	Receiving energy(mJ)	Idle energy(mJ)	Sleep energy(mJ)
WIRELESS_SENSOR_15	6480.000000	126.293745	6367.998886	1.514082	11.326833	113.452831	0.000000
WIRELESS_SENSOR_16	6480.000000	127.475283	6366.817349	1.514082	13.127270	112.833930	0.000000

### Application\_Metrics

Application Id	Throughput Plot	Application Name	Source Id	Destination Id	Packet generated	Packet received	Payload generated (bytes)	Payload received (bytes)	Th
1	<a href="#">Application Throughput plot</a>	App1_SENSOR_APP	1	19	10	1	500	50	
2	<a href="#">Application Throughput plot</a>	App2_SENSOR_APP	5	19	10	1	500	50	